The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* | N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. Encouraging the researchers for state level state level Avishkar research festival.

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. First textile incubator launched

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

Please provide an analysis of the feedback in the Annexure
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range [ ] Average [ ] h-index [ ] Nos. in SCOPUS [ ]

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP	10	CAS		DST-FIST	08
DPE	--			DBT Scheme/funds	√

3.9 For colleges

Autonomy	--	CPE	--	DBT Star Scheme	--
INSPIRE	--	CE	--	Any Other (specify)	--

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

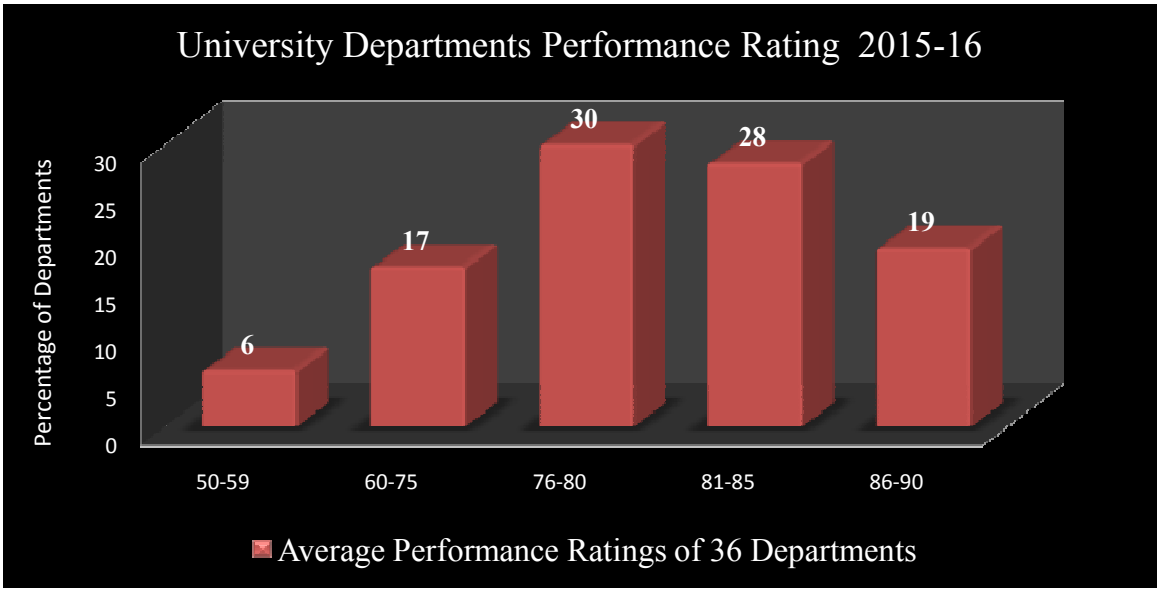
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

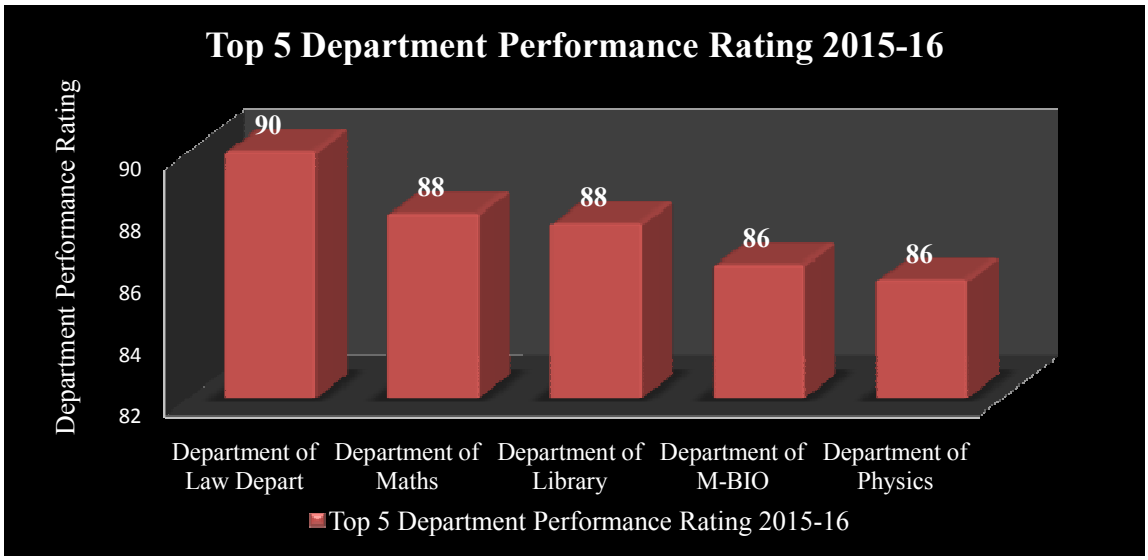
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. **Encouraging the researchers for state level state level Avishkar research festival.**

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. **First textile incubator launched**

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

****Please provide an analysis of the feedback in the Annexure***
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP 10 CAS DST-FIST 08

DPE -- DBT Scheme/funds √

3.9 For colleges Autonomy -- CPE -- DBT Star Scheme --

INSPIRE -- CE -- Any Other (specify) --

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

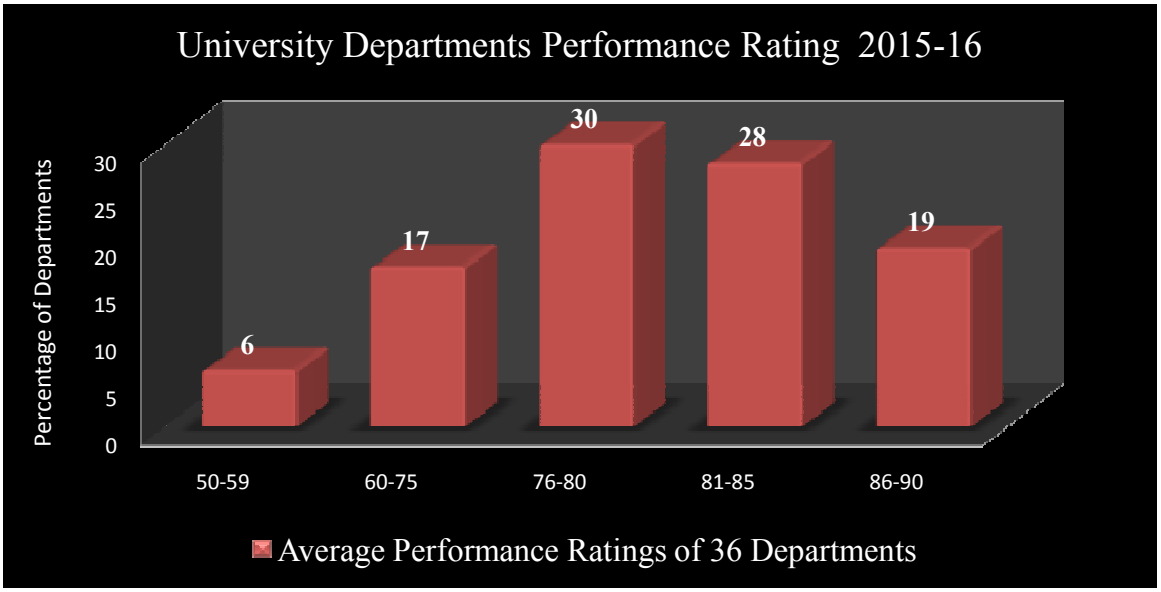
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

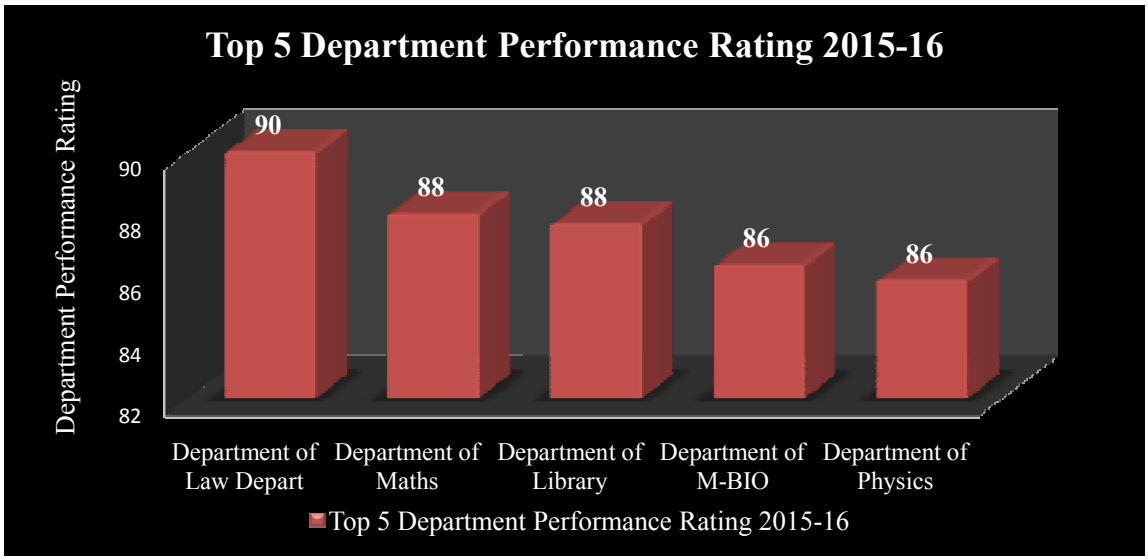
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. **Encouraging the researchers for state level state level Avishkar research festival.**

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. **First textile incubator launched**

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

****Please provide an analysis of the feedback in the Annexure***
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP 10 CAS DST-FIST 08

DPE -- DBT Scheme/funds √

3.9 For colleges Autonomy -- CPE -- DBT Star Scheme --

INSPIRE -- CE -- Any Other (specify) --

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

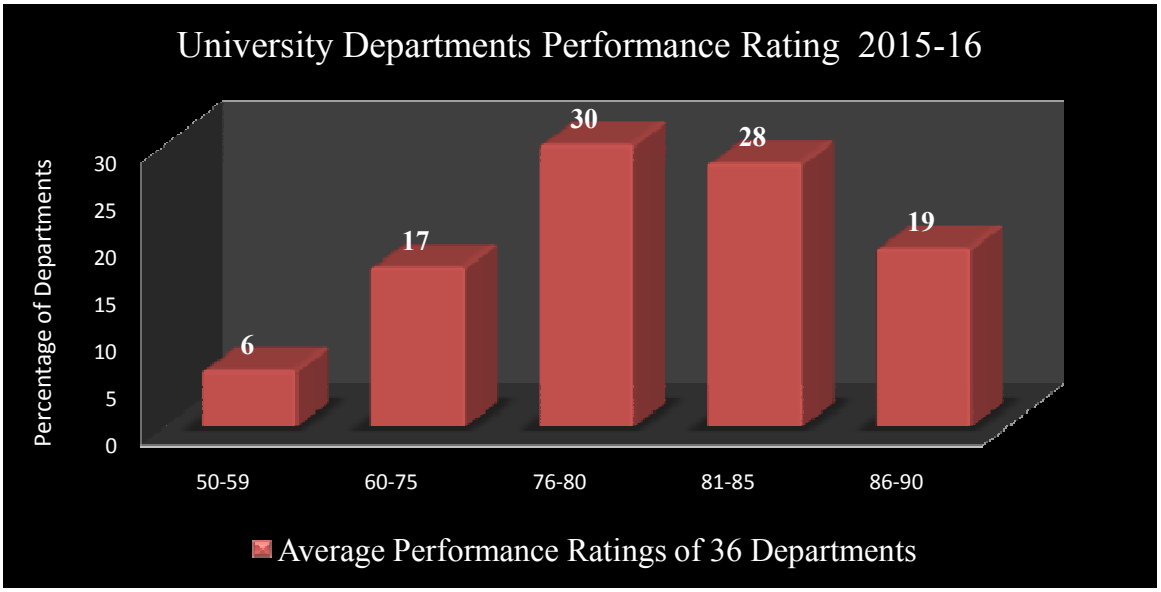
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

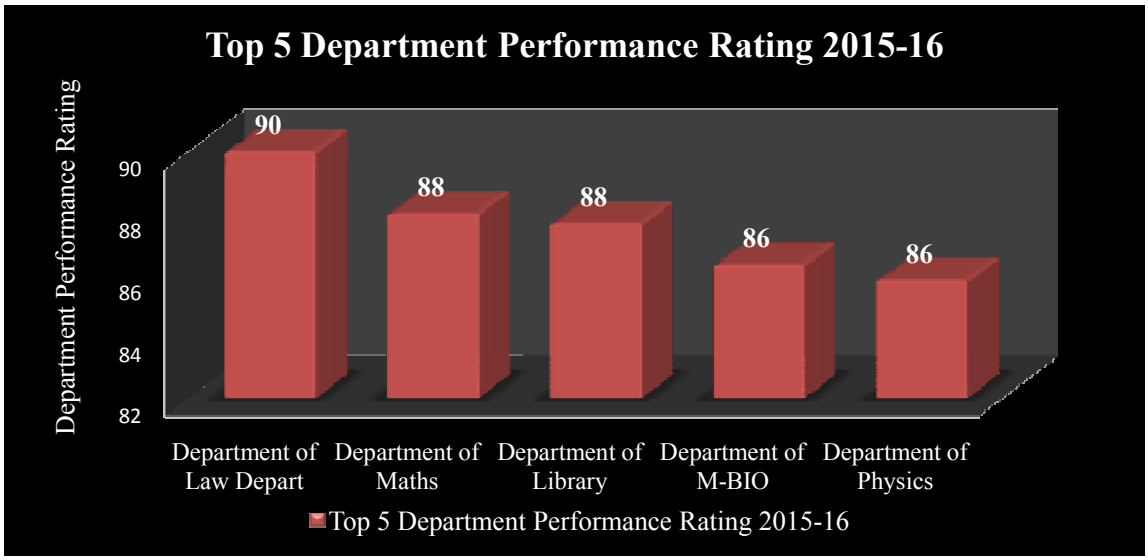
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. **Encouraging the researchers for state level state level Avishkar research festival.**

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. **First textile incubator launched**

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

****Please provide an analysis of the feedback in the Annexure***
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP 10 CAS DST-FIST 08

DPE -- DBT Scheme/funds √

3.9 For colleges Autonomy -- CPE -- DBT Star Scheme --

INSPIRE -- CE -- Any Other (specify) --

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

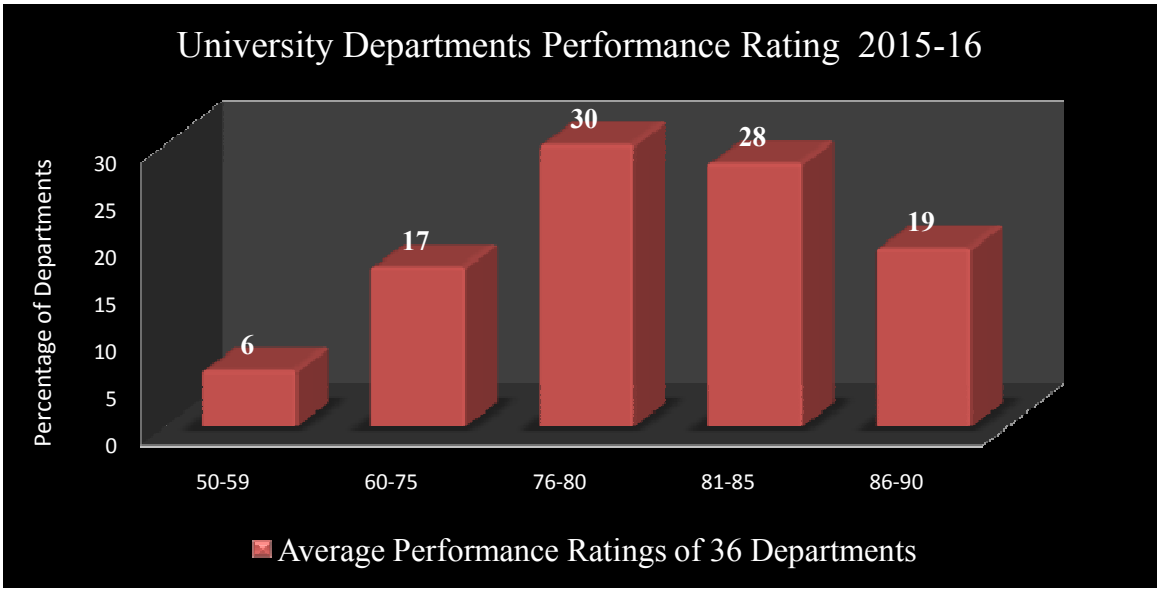
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

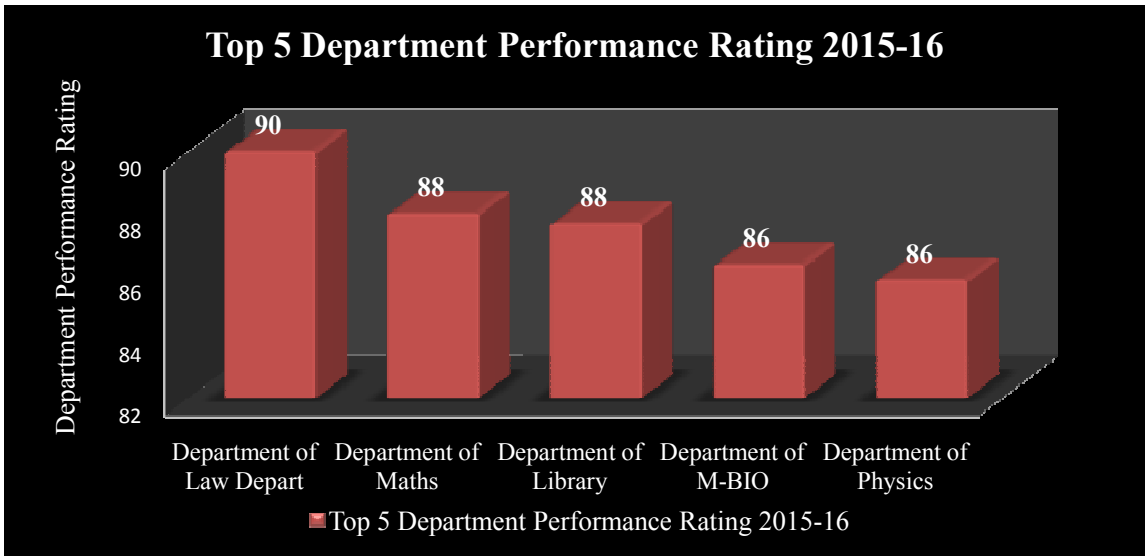
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. **Encouraging the researchers for state level state level Avishkar research festival.**

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. **First textile incubator launched**

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

****Please provide an analysis of the feedback in the Annexure***
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP 10 CAS DST-FIST 08

DPE -- DBT Scheme/funds √

3.9 For colleges Autonomy -- CPE -- DBT Star Scheme --

INSPIRE -- CE -- Any Other (specify) --

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

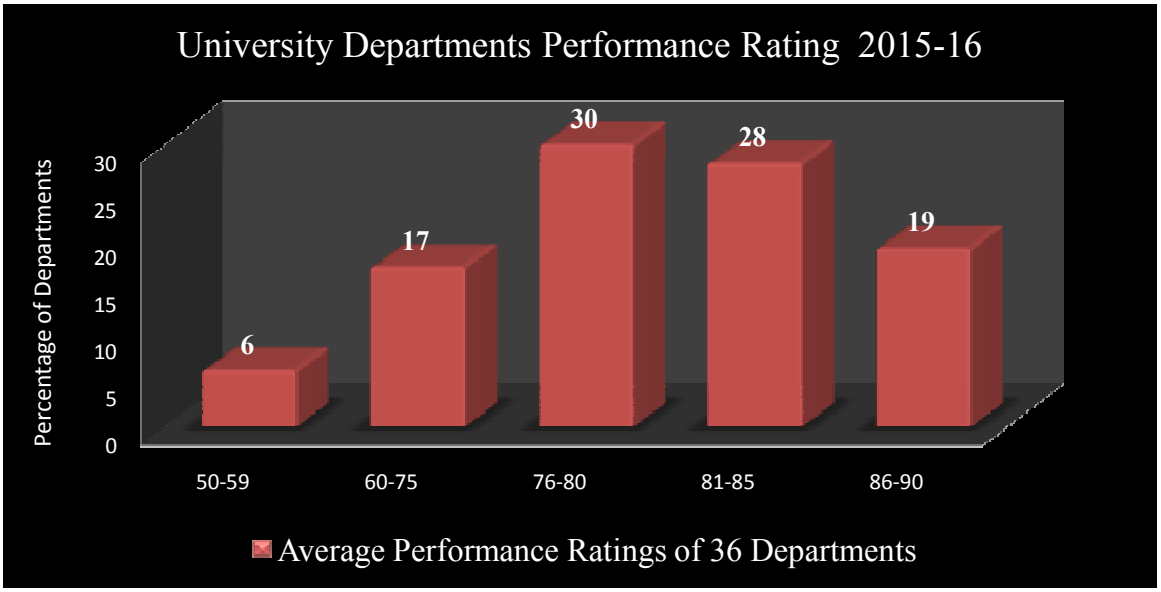
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

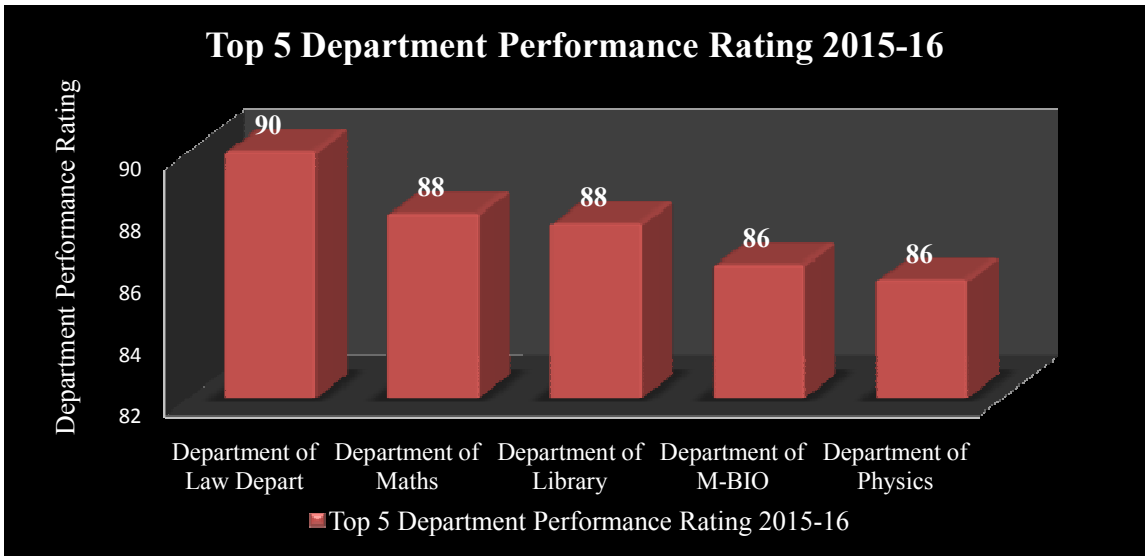
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. **Encouraging the researchers for state level state level Avishkar research festival.**

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. **First textile incubator launched**

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

****Please provide an analysis of the feedback in the Annexure***
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP 10 CAS DST-FIST 08

DPE -- DBT Scheme/funds √

3.9 For colleges Autonomy -- CPE -- DBT Star Scheme --

INSPIRE -- CE -- Any Other (specify) --

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

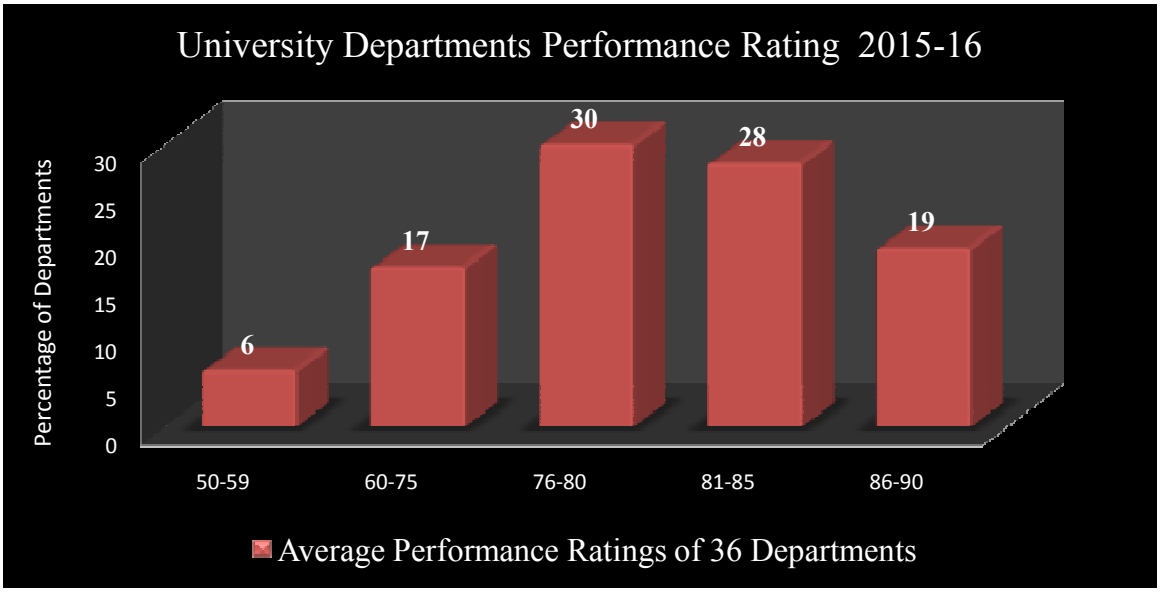
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

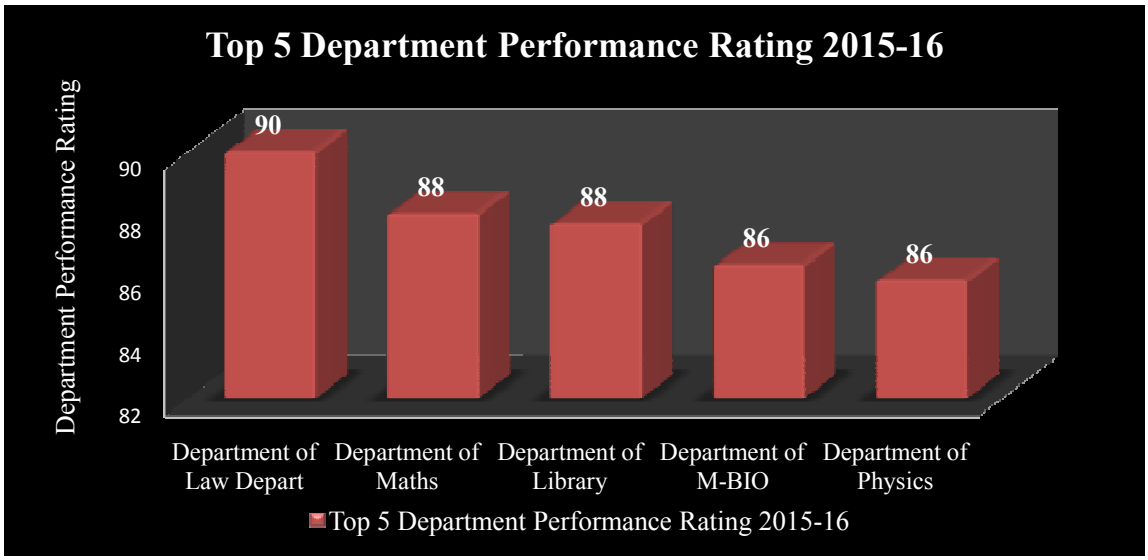
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)*

Part – A

AQAR for the year 2015-16

1. Details of the Institution

1.1 Name of the Institution	SHIVAJI UNIVERSITY
1.2 Address Line 1	OLD PUNA-BANGALORE ROAD
Address Line 2	VIDYANAGAR
City/Town	KOLHAPUR
State	MAHARASHTRA
Pin Code	416 004
Institution e-mail address	registrar@unishivaji.ac.in
Contact Nos.	0231-2609063
Name of the Head of the Institution:	Professor Devanand B. Shinde

Tel. No. with STD Code:	+91-231-2609060
Mobile:	+91-8378007788
Name of the IQAC Co-ordinator:	Professor Rajanish K. Kamat
Mobile:	+91-09028001068
IQAC e-mail address:	iqac@unishivaji.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* MHUNGN10080

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address: www.unishivaji.ac.in

Web-link of the AQAR: http://www.unishivaji.ac.in/AQAR2014-15

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2nd Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3rd Cycle	A	3.16	2014	10-12-2014 to 09-12-2019

1.7 Date of Establishment of IQAC : DD/MM/YYYY 04-05-2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

i. AQAR _____ _____ (**29/06/2016**)
ii. AQAR_____ _____ (DD/MM/YYYY)
iii. AQAR_____ _____ (DD/MM/YYYY)
iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 Institutional Status

University State [√] Central [ ] Deemed [ ] Private [ ]

Affiliated College Yes [ ] No [ ]

Constituent College Yes [ ] No [ ]

Autonomous college of UGC Yes [ ] No [ ]

Regulatory Agency approved Institution Yes [√] No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education [√] Men [ ] Women [ ]

Urban [√] Rural [√] Tribal [ ]

Financial Status Grant-in-aid [√] UGC 2(f) [√] UGC 12B [√]

Grant-in-aid + Self Financing [√] Totally Self-financing [ ]

1.10 Type of Faculty/Programme

Arts [√] Science [√] Commerce [√] Law [√] PEI (Phys Edu) [√]

TEI (Edu) [√] Engineering [√] Health Science [ ] Management [√]

Others (Specify) Social Sciences

1.11 Name of the Affiliating University *(for the Colleges)* N.A.

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	---		
University with Potential for Excellence	---	UGC-CPE	---
DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	DBT-IPLS DST-PURSE MOEF DST-SAIF World Bank BRNS NMM DRDO CSIR DAE SERB ICSSR MFPI UGC-DEB NBA
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	08
2.3 No. of students	00
2.4 No. of Management representatives	00
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	02

2.8 No. of other External Experts --

2.9 Total No. of members 21

2.10 No. of IQAC meetings held 02

2.11 No. of meetings with various stakeholders: No. 10 Faculty 05

Non-Teaching Staff Students 02 Alumni 02 Others 01

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount ---

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -- International -- National -- State -- Institution Level √

(ii) Themes --

2.14 Significant Activities and contributions made by IQAC

1. **NIRF Ranking**

   Shivaji University, Kolhapur (SUK) Shivaji University bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) for the year 2015-16.

2. **Easier pattern for Examination revaluation**

   The Shivaji University, Kolhapur (SUK) has tweaked its post-examination re-evaluation pattern to make it student-friendly. Students can file for re-evaluation of the subject concerned online and would not be required to be present in person at the university. Earlier, it was mandatory for the students to be present at the varsity to submit their re-evaluation application. The re-evaluation application can be submitted at the college and the college authorities will have to forward it to the university, thus reducing students' time and money. The decision, in its first phase is made applicable for engineering students.

3. **Granthmahotsav**

   SUK celebrated its 11th Granth Mahotsav on the university campus from February 23 to 25, 2016. The event has been organised for the university's 53rd convocation ceremony for which over 50,000 visitors, including students, were on the campus. For the event 50 book stalls were set up from where visitors boutght books. The books included competitive book publishers, social, intellectual and other literary works of various authors. Many of the publishers had offered a discount of 20-30% on the books.

4. **National Youth Parliament Competitions**

   National Youth Parliment was organized on September 3, 2016. This was a healthy initiative for the growth of the students and it helped a lot to the students to get to know about how parliament functions. The SUK campus had a different view on this occasion as various 'ministers' were given oath to and others answered the questions of the opposition and speaker intervening promptly from time to time.The students from Department of technology, Department of Nanotechnology and the Shahaji Law College displayed how a Parliament functions. Shahaji Law College team was declared winner team and it has straight away organised a group level competition on September 14, 2016.

5. **Encouraging the researchers for state level state level Avishkar research festival.**

Four out of ten projects by the Shivaji University, Kolhapur (SUK), bagged awards at the state-level Avishkar research festival held in Pune on January 18, 2016. 43 students and faculty members from SUK took part in the festival. Ten projects made it to the final round. The university circular mentioned that the MBA department's assistant professor Gandhali Kharge won the second prize in the commerce and management category, while student Mohammed Faniband also bagged the second prize in the same category.

Afrin Attar from the Bharati Vidyapith won the first prize in the pure sciences category, while Abhinandan Patil from Tatyasaheb Kore College of Pharmacy won the first prize in the pharmacy category. The festival was organized in six educational categories, which include humanities, commerce, pure sciences, agriculture and animal husbandry, engineering and technology, and medicine and pharmacy. It was categorised for undergraduate and postgraduate students, research scholars and faculty members.

The district-level, and university-level Avishkar research festival was organised in Sangli, Satara and Kolhapur districts in December.Uni bags four awards at state level Avishkar fest.

6. **First textile incubator launched**

A textile business incubator (TBI) under the Shivaji University, Kolhapur (SUK), was inaugurated at the DKTE society's Textile and Engineering Institute in Ichalkaranji on January 21, 2016. The centre will help mentoring and guiding students about quality research and how to proceed with it at the international level. Department of science and technology (DST) has allotted a grant of Rs5.40 crore for the project. The TBI centre will be useful in mentoring business planning, providing technical assistance, and other required help. The incubator will also provide upcoming businesses with space for services and training. Since it has been authorised by the university, it holds more weight and is the reason for people to contact the centre and take a look. Though the TBI centre's focus will be mentoring students, it will also be used for research and developing new services to enhance existing knowledge and technology. The centre, which has been started in the rural area, is the first one of its kind in the country and SUK as well.

7. Launching Art Gallery for showcasing 20th century Kolhapur artist.

An art gallery dedicated to the well-known master painter Abalal Rahiman on August 28, 2015 was inaugurated. The said gallery is all set to provide a valuable platform for the artists at the city-based Rangabahar organization. Abalal Rahiman, had made over 20,000 paintings in the era of 1890 to 1931, and was appreciated by the Chhatrapati Shahu maharaj. Rahiman had depth in his paintings, which depicted the details in the physical sciences, social and economic status of his time.

8. Setting up of Virtual Classroom

Virtual Classroom facility was set up on SUK campus and made functional on June 26, 2016 under the grants in aid by RUSA. This virtual clasroom would give the freedom to teach and learn from anywhere in the room as well as through remote centers with the internet connectivity. The resource person will be able to explain using an Interactive dualboard and the student would interact through a Blue Tooth Class Pad. Ready made content will be interactively taught and live experiments, diagram, maps, 3d objects will be discussed through a document camera. In this process through the interactivity of the students and the teachers instant content is also planned to be developed digitally. Subsequently we are planning that the entire curriculum gets developed, class wise, teacher wise and subject wise which is available to one and all. To give the Teacher more time to concentrate on next chapter while the class is completing an exercise, an Interactive panel gives complete charge of the PC using a pen, right in front of the desk. To assess the level of understanding of the students, assessment is done and MIS will be generated which is a ready data to help students to perform better. This classroom will truly the conduit to apply ICT in classroom at Shivaji University and will reach to the colleges through the bandwidth provided under national Knowledge Network.

9. Submission of proposals for GIAN Programme

Govt. of India initiated Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. Shivaji University submitted 13 proposals for GIAN programmes out of which 7 were granted by the MHRD for the year 2016-17 in disciplines ranging from Science, Technology, and Humanities to Languages.

10. MoUs

MoU signing ceremony between Shivaji University, Kolhapur and C-DAC Pune

MoU with C-DAC

The Centre for Development of Advanced Computing (C-DAC), Pune on Friday April 1, 2016 signed a MoU with the Shivaji University, Kolhapur. Under the agreement, the two institutions will exchange expertise related to information and communication technology. The MoU is a milestone for both institutions and will help strengthen educational and IT technology cooperation. The MoU will bring the two institutions together to work closely on big data analysis, free and open source data mining embedded systems, wireless sensor network, Very Large Scale Integration (VLSI) design, software engineering and multilingual technologies. The MoU will also help institutes expose students to cutting-edge skills. Apart from this, seminars, workshops and training sessions on innovation and research can be arranged in the future. Under the MoU, experts from C-DAC can be appointed in the university while last year's computer department students can also get an internship at C-DAC.

MoU with South Korean Chonnam National University

This MoU with South Korean Chonnam National University was signed to facilitate exchange programmes for students and faculty between the universities. It will play an important role in facilitating easy student exchange, faculty exchange, discussion of academics and joint research projects between the universities. It will also facilitate interaction within South Korean industrial organisations as well as Indian industries. Over 600 industrial experts will be available from South Korea to interact with our industries as well as students unde the said MoU. The industries from Kolhapur can make most out of this facility by witnessing and interactions on their development and research.

MoU signing ceremony between Shivaji University, Kolhapur and Chonnam National University

MoU with Dhatu Tantra Prabodhini

This MoU was signed to create a collaborative environment for developing, adopting and disseminating world class technologies in the field of Metal Processing to help the Metal Industry in Kolhapur to become globally competitive.

MoU signing ceremony between Shivaji University, Kolhapur and Dhatu Tantra Prabodhini

Biotechnology Industry Research Assistance Council (BIRAC), an interface agency set up by the Department of Biotechnology (DBT) entered into a MoU with Shivaji University, Kolhapur.

Other MoUs with Department of Technology

MoU with m Tutor Chennai

MoU with IGTR, Aurangabad.

This MoU between Indo German Tool Room (IGTR), Aurangabad and Department of Technology carries special importance because of following area of mutual cooperation.

a. Skill enhancement on the job training in workshops and laboratories for various medium and long term courses;

b. Collaborative research and project work;

c. Imparting collaborative training for skill enhancement;

d. Joint organization of workshop and seminars on the topics of common interest;

MoU with Vira Pumps, Kolhapur

e. Guidance and cooperation to the Department of Technology in its Training & Placement activities;

f. Mutual cooperation in developmental work;

g. Facilitation centre for applied research at IGTR;

11. Skill/Job Fair

Participants of the Skill Fair

Skill Fair

On March 2 and 3, More than 5000 students benefitted with multi skills at the Unique Fair. The Skill Fair has organized by Centre for Skill & Entrepreneurship Development, Shivaji University, Kolhapur very effectively with overhauling response from Students, Parents, Trainers and Teachers too. The Skill Fair has imparted very good skills to 5700 students. This was the first of its kind of Skill fair organized by any of the University in the State of Maharashtra.

Job Fair: Over 400 employment opportunities up for grabs

The central placement cell and IT association of Kolhapur had organised a job fair on Monday, May 16 at its university campus. Over 400 job opportunities are up for grabs in the said job fair. 5 IT companies are a part of this event, which offered over 400 employment opportunities for both-fresher and experienced candidates. Another mega job fair was organized in the month of January wherein 5000 students participated.

12. Workshop on Research Methodology for Research on Political Thoughts & Thinkers was organized at Department of Political Science on July 22, 2015

13. One Day Basic Training Programme on Human Rights was organized at Department of Law during August 22, 2015

14. Blood Donation Camp was organized at Deptt. of Political Science/Gandhian Studies on the eve of Gandhi Jayanti on October 1, 2015.

15. Swacchata Abhiyan was organized throughout the University on October 2, 2015.

16. AIU West Zone Vice-Chancellor's meet

AIU Meet Inauguration Function

Association of Indian Universities West Zone Vice Chancellors Meet (2015-16) was hosted by Shivaji University, Kolhapur during November, 26-27, 2015.

Inaugural Session was held in Rajarshi Shahu Hall, under the chairmanship of Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi.

Hon'ble Vice-Chancellor Professor Devanand Shinde extended his warm welcome to the Chairman, Professor Furqan Qamar, chief guest Professor G. Raghurama, former Director, BITS Pilani and the guest of honor, Dr. H. Maheshappa, Vice Chancellor, VTU, Belgaum, by offering a book on Rajarshi Chh. Shahu Maharaj and a Memento. Prin. (Dr.) D. R. More, Director, BCUD and the Nodal Officer of the meet, welcomed the office bearers of Asscociation of Indian Universities, Dr. Veena Bhalla, Joint Secretary, Shri Sampson David, Joint Secretary, Shri Pradeep Kumar, Under Secretary, Dr. Sistla Rama Devi Pani, the Editor of University News. It was followed by the watering of plant by the Chief Guest and the Dignitaries on the dais to declare the meet open.

2.15 Plan of Action by IQAC/Outcome

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period. 1. Internationalization though submission of GIAN proposals. 2. Examination reforms through online revaluation process 3. Setting up of Virtual Classroom 4. Setting up of textile business incubator (TBI) at the DKTE society's Textile and Engineering Institute IT audit 5. Smart Classroom wherever possible 6. Digitization of Examination Records 7. Digitization of records of various bodies 8. Intensification of teaching learning through MOODLE 9. Research Policy formulation 10. MoUs with Industries and other institutes of higher learning 11. Skill/Job Fair	1. Seven GIAN proposals sanctioned by MHRD 2. 400 students placed. 3. Revitalization of teaching-learning though virtual classroom 4. Incubation Center 5. Participation and success of researchers in state level research competition. 6. Skills enhancement through MoU with IGTR 7. Branding of University through organization of AIU West Zone Vice-Chancellor's meet 8. Internship of students in CDAC 9. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions 10. Inculcation of reading culture though Granthmahotsava 11. Induction of values through Cleanliness drive

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [ ] Syndicate [ ] Any other body [ ]

Provide the details of the action taken

The AQAR-2015-16 was placed before the Management Council of the University on ---------- and the same has been approved.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	30			
PG	51			
UG	09			
PG Diploma	17			
Advanced Diploma	-			
Diploma	17			
Certificate	09			
Others	60			
Total	193			

Interdisciplinary	-			
Innovative	-			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	103
Trimester	-
Annual	30

1.3 Feedback from stakeholders* Alumni [-] Parents [-] Employers [-] Students [√]
(On all aspects)

Mode of feedback : Online [√] Manual [-] Co-operating schools (for PEI) [-]

****Please provide an analysis of the feedback in the Annexure***
Analysis given in Annexure - I

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, partly revision after every three year is done.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
356	156	59	49	92 (Self Supporting)

2.2 No. of permanent faculty with Ph.D. 145

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
109	47	25	34	23	26	44	48	201	155

2.4 No. of Guest and Visiting faculty and Temporary faculty 30 270 55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	178	61
Presented papers	129	223	45
Resource Persons	42	150	91

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by some of the departments go on following lines:

1. Curriculum framing using web metrics:

The refurbishment of the basic teaching-learning model due to the renaissance of online media and its adoption in the higher education realms is being increasingly seen especially in the present decade. Though there are good number of reforms in the basic instructional model, the very basis of the same i.e. curriculum framing is given due attention. In view of the scholarly literature so far there is not a single attempt to the best of our knowledge to utilize the website metrics as an input for the curriculum framing, though the sole model of teaching-learning is seen migrating on it. In the Department of Computer Science based on the student survey mapping of the curriculum was accomplished. The results are thus very encouraging from various dimensions. They not only give an overview of advanced and otherwise learners, but also help in pacing the curriculum so as to enhance the academic performance of the students. Besides curriculum mapping and pacing, our approach has also helped in curriculum structuring and restricting on the basis of prerequisites. We are in a process to extend the model by adopting social media such as blogs, wikis, forums so as to reach out the other stakeholders and society at large. The presented model will be thus progressing towards the blending of the traditional curriculum framing models given by the reputed academicians such as Tyler, Taba and Oliva reinforced by the inclusion approach possible only with the ubiquitous penetration of web.

2. MOODLE based Teaching-Learning.

In the year 2014-15, all the departments hosted minimum one academic programme on MOODLE platform. In order to make this possible there were good number of workshops for the faculty members as well as the learners as regards to use this platform. A faculty coordinator per department was appointed for this purpose that could effectively motive his/her colleagues to shift their teaching-learning through online platform. A few Departments even conducted their evaluation on the MOODLE platform and marks were declared soon after the evaluation.

3. Perceiving the Learners behaviour in On-Line paradigm

Since all the oncampus departments shifted at least one of their academic programmes on the MOODLE platform, it was possible to perceive the learning behaviour through MOODLE analytics. The analytics revealed the learners pace of acquiring the resource materials as well as other details. Results of the same were presented in an international conference of MOODLE developers in Australia which showcases the readiness of Shivaji University towards online teaching-learning. A few useful suggestions as regards to the user interface were offered to the MOODLE developers from the developing countries perspectives.

4. Blended Teaching-Learning

In addition to the online teaching learning other blended techniques such as think-pair, experiential learning through projects in industries, soft skills improvements through the Mock Interview laboratory have been achieved.

5**. Catering to diversity**

Induction programme for the newly admitted students are organized through Academic Departments, Central Library and Health Camps through Health Centre and Coordinators of various schemes

6**. Efforts towards the student centric teaching-learning**

Ensuring holistic development and enhancing student learning with the help of following activities:

- Poster presentation
- Group discussion
- Paper preparation and presentation at conferences
- Seminars/Workshops
- Quiz competition
- Participation in research competition (Avishkar)
- Brain storming sessions
- Interaction with community for learning
- Group projects by students
- Educational tours / field work
- Collaborative and cooperative learning activities
- Youth festival

2.7 Total No. of actual teaching days during this academic year : 183

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Effective end-to-end use of ICT for reforms in Examinations

- DUDC project is in practice from 2010-11.
- Admission/Registration from college level.
- Student Login
- College Login
  - Eligibility
  - Exam Form
  - Hall Ticket with time table
  - Result
  - Revaluation/Verification form/T.C./Migration
- Appointment portal: Online appointments of paper setterexaminers and moderators.

1. First year examinations of 12 courses have been entrusted to colleges.
2. Practical examinations are decentralized with cluster.
3. University has identified CAP centres in three districts and increased as cluster level i.e.19CAP Centres within three districts.
4. Credit system has been introduced in on campus PG Departments.
5. Online paper delivery through secured mode – scope increased. Round about 2700 plus papers are delivered out of 6000 papers in the event Mar- 2017.
6. Online application for Entrance examination with payment gateway facility.
7. Continuous Internal Evaluation and Semester and examination.
8. e-Suvidha-Digital University Digital College (DUDC.
9. Secured Remote Paper Delivery (SRPD) mode system : (50% papers)
10. On-Line application for Convocation, with payment gateway, online convocation number facility.
11. Decentralization of examination.
12. MoU with NAD/CDSL.

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

2. **Question Bank/Question Paper Banks Creation**
   - Partially operative for Computer Sc.IT Branch. It will be extended to other branches.
   - Online Entrance Examination scope extended up to seven examinations.
3. **Secured Delivery of Examination Papers**
   - It has been started with Engg. Ist Year From Oct.2012.
   - Now it is implemented for all Engg., courses and for other courses.3000+ question papers are sent through SRPD mode.
4. **OMR and Barcode Technology in Cover Page of Answer-sheet**
   - University is planning to introduce barcode system (Pilot has been executed).
   - OMR system is already in use for entrance exam and some Practical Examinations.
5. **Results Processing and Publication**
   - Result processing and the publications of the results have been declared and displayed on University Website.
   - The result is made available to the students through their own login.
6. **Online Application for Revaluation**
   - We have introduced online application for revaluation.
   - Application for Verification of marks and Photo Copy.
7. **Wholesome Education by Universities through Non-credit/Certification Courses, Self- Certification, Extra Marks/Credits, MOOC etc.**
   - Credit system has been introduced in the University Depts. and colleges also for most of the programmes.
   - Certificate courses are introduced in colleges through Career Oriented Courses and B.Voc level.
8. **Empowerment of Differently abled students.**
   - Process has been initiated to provide the facilities to differently abled students.
   - Extra time is given to the Differently abled students for exam as per existing rules.
   - All University Depts. and most of the colleges have ramps for easy mobility.
   - Workshops were conducted at three district level for the awareness of the dyslexic person.
9. **Financial Requirements and Modalities of ICT Solutions.**
   - University requires State Govt. support for equipping Exam. Centres in the affiliatedcolleges.
   - Needs Technical Support for the exam cell.
10. **Sharing of Best practices.**
    - Lead Colleges scheme has been successfully practiced.
    - Conducted workshops for sharing the Best practices like COE Conference, paper-settersconference, Teaching and not teaching

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

80	90	100

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Grades						
		O	A+	A	B+	B	C	D
M.A.	5910	02 (0.03)	923 (15.61)	2251 (38.1)	913 (15.4)	706 11.94)	189 (3.2)	932 (15.8)
M. Com.	2146	01 (0.05)	172 (0.01)	456 (21.3)	343 (15.98)	254 11.83)	149 (6.94)	763 (34.62)
M.Sc.	1380	01	324	715	86	10	0	0
M.B.A.	832	0	7	268	263	94	0	0
M.J.C.		No Gradation						
B. Lib.	22	-	-	12 (54.54)	-	-	-	10 (45.45)
M. Lib.	17	-	-	11 (64.70)	2 (11.76)	-	1 (5.8)	3 (17.64)
LL. M.	44	0	0	30	5	0	0	0
M.S.W.	22	-	-	7 (31.81)	12 (54.54)	1 (4.5)	-	2 (9.0)
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	8	0	0	0
M.C.A.(Commerce)	58	5 (8.62)	1 (1.72)	31 (53.44)	21 (36.2)	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1) Through Academic and Administrative Audit (AAA)
2) Teaching Learning Monitoring Committee.
3) ICT based innovative teaching methods

Moreover IQAC monitors/mentors the teaching-learning process by following means:

1. Organization of special workshops on the revised syllabi for faculty members.
2. The faculty is deputed to attend refresher courses, training programmes and workshops as and when they are scheduled.
3. Teachers are encouraged to participate in the workshops organized by reputed Universities/Institutes.
4. The faculty is motivated to attend and participate in seminars, conference, video-conferences to acquaint themselves with advancement of knowledge and recent trends in the relative subjects.
5.Departments are encouraged to organize workshops to orient college teachers on new topics/units introduced in syllabi.

2.13 Initiatives undertaken towards faculty development : **163**

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	35
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	02
Staff training conducted by the university	31
Staff training conducted by other institutions	18
Summer / Winter schools, Workshops, etc.	63
Others	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	541	163	00	415
Technical Staff	92	48	00	182

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research Sensitization:

The University has an elaborate policy for research promotion in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers; conducts workshops on topics such as writing research proposals, research papers, methodology for thesis writing etc. The Lead College Scheme of the University is helpful for this purpose. Two senior teachers exclusively from the affiliated colleges are nominated on the Departmental Research Committees of the University.

The University, out of its own funds, provides special research grants of Rs. 10 lakhs per year to the college teachers whose colleges are not covered under UGC section 2(f) 12(B). Selected proposals are eligible to receive maximum grant of Rs. 25,000/- each.

The University has taken lead in organizing workshops on Research Techniques. The IQAC of University and the District wise Lead Colleges jointly organized total 30 research workshops during 2014-15 on research methodology, research ethics, publishability, academic writings, and plagiarism.

The university has extended the support services like instrumentation and internet facilities to college teachers at subsidized rates. Collaborative research projects are undertaken with college teachers in some of the university departments.

Research Promotion:

A special committee of senior faculty members has been appointed by IQAC to formulate the research policy. Salient features of the same are as follows:

The Research proposals are first scrutinized by the Research Committees of respective departments and then sent to the funding agencies.

The M. Phil. and Ph. D. proposals are first scrutinized by the respected Departmental Research Scrutiny Committees. The modifications if any are incorporated in the draft proposal. The final copy of the synopsis is recommended to the Research & Recognition Committee (RRC). The RRC can also modify if required. Such modifications are communicated to the candidates. After approval of the RRC, the Board of University Teaching and Research (BUTR) in the respective faculties approves the title and synopsis.

IQAC in the year 2014-15 appointed a committee for formulation of research policy of the Shivaji University. The vision and objectives set were as follows:

Research Vision:

The Shivaji University strives to realize excellence in the thrust areas of the departmental research, undertake all types of consultancies, activate collaborative research for competitive outcomes, applicability, patentability, publishiability and serviceability.

Objectives

1. To encourage the faculty,staff and students for quality research in the University.

2. To undertake consultancy services to industry, institutions and individuals.

3. To encourage the faculty to publish their research and scholarly works in reputed international journals and books.

4. To motivate researchers for patentability of their research work.

5. To streamline the rules and regulations for research and consultancy activities in the University.

The draft policy has been finalized deliberated in the meetings of the committee. Suggestions from various stakeholders have been invited. The policy is in its final stage and will be put in force after due approval of the University authorities.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	61	36	28
Outlay in Rs. Lakhs	233.03110	2279.28176	446.97300	1304.97011

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	--
Outlay in Rs. Lakhs	--	2.25,000	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	774	212	43
Non-Peer Review Journals	18	27	13
e-Journals	32	15	06
Conference proceedings	37	79	08

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs.)	Received (Rs.)
Major projects	2015-16	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE	3,36,59,000/-	2,24,02,650/-
Minor Projects	2015-16	--	--	--
Interdisciplinary Projects	2015-16	--	--	--
Industry sponsored	2015-16	--	--	--
Projects sponsored by the University/ College	2015-16	--	--	--
Students research projects *(other than compulsory by the University)*	2015-16	--	--	--
Any other(Specify)	2015-16	--	--	--
		Total	**3,36,59,000/-**	**2,24,02,650/-**

3.7 No. of books published i) With ISBN No. 78 Chapters in Edited Books 67

ii) Without ISBN No. 07

3.8 No. of University Departments receiving funds from

UGC-SAP 10 CAS DST-FIST 08

DPE -- DBT Scheme/funds √

3.9 For colleges Autonomy -- CPE -- DBT Star Scheme --

INSPIRE -- CE -- Any Other (specify) --

3.10 Revenue generated through consultancy Rs. 4,09,875

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	12	03	-	08
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 188

3.13 No. of collaborations International 36 National 70 Any other 25

3.14 No. of linkages created during this year 34

3.15 Total budget for research for current year in lakhs :

From Funding agency 4997 From Management of University/College 2237

Total 7234

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	00
International	Applied	02
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
28	09	18	10	14	04	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them: 102

and students registered under them: 208

3.19 No. of Ph.D. awarded by faculty from the Institution: 123

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

-- -- 04 JRF --

3.21 No. of students Participated in NSS events:

University level: 12300 State level: 37

National level: 04 International level: 01

3.22 No. of students participated in NCC events:

University level: - State level: -

National level: - International level: -

3.23 No. of Awards won in NSS:

University level: 03 State level: 01

National level: 01 International level: 00

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	18	College forum	185		
NCC	-	NSS	185	Any other	185

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Eighteen Annual NSS Camp of seven days was organised
- Blood donation camp
- Tree Plantation
- Environment Awareness
- Water pollution awareness
- Save Baby Girl awareness
- Cleanliness Day
- No Vehicle Day
- Organized lectures
- Development of mobile apps for ensuring security of girls
- Students contributing to the Old age homes
- University has taken keen interest in preserving the water resources (the one located in the interior part of the city) and its cleanliness.
- Measurement of audio pollution during festivals by the students of Environmental Science Department and subsequent counselling of the masses.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	345 hectares	--	--	345 Hectares
Class rooms	115	--	--	115
Laboratories Computer Lab.	164 11	- -		164 11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	218	16	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	234
Value of the equipment purchased during the year (Rs. in Lakhs)	700.68	197.66	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	898.34
Others	15	14	-	29

4.2 Computerization of administration and library

The work of retro-conversion of library active collection was completed in LibSys integrated library software package in the year 2008. The bibliographic information about the collection is made available through library OPAC/Web OPAC system. In addition to this, automated acquisition module, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books to the readers have been initiated with the LibSys integrated library management software. Library automation work management and back up management are administered through centrally controlled computer room. Almost all the housekeeping modules are computerized. They are listed below:

1. Automated acquisition module
2. Technical processing module (Data entry, bar code generation and pasting)
3. OPAC/Web OPAC module
4. Automated Circulation module and
5. Automated Serial Control etc.

The user can get online bibliographic information about the doument, information about books issued on their name, due date details etc. without physically visiting to the library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7756	30,87,179	139	48,650	7895	31,35,829
Reference Books	8406	42,58,657	55	2,22,632	8461	44,81,289
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	161	3,37,473	125	1,17,277	286	4,54,750
e-Journals	85	34,16,680	50	10,62,727	135	44,79,407
Digital Database	05	16,52,574	02	18,59,251	07	35,11,825
CD & Video	1,741	Accompanied with book and donated	29	Accompanied with book and donated	1,770	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,057, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 151, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,208, Manuscripts – 9,163	Not Applied.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1684	15	Two leased lines (20 Mbps and 1 Gbps)	04 (Internet Hall, ARC@ Library, Boys Hostel @ Ladies Hostel	01	Main Admin. Buildin g, Exam.1 and Exam. 2	38	USIC/ CFC
Added	103	01	80	--	--	--		--
Total	1792	16 established in various departments	100	04	01	Main Admin. Building , Exam.1 and Exam. 2	38	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Centralized internet facility to all students and faculty, we had taken 1 GBPS bandwidth under NKN project, 120 Mbps leased line from local BSNL, We had also started campus WiFi project under RUSA funding. We had created wifi zones in each building, boys hostel, girls hostel, Guest house, Library reading hall, etc.
We are also maintain university website, online forms submission, online payment gateway facility, online student feedback process for last 10 years.
All buildings in campus are connected with under ground optical fibre cable (23 Km). Total network points 3300+.
WiFi labs are made at Academic Resource Centre, English Language lab, YCSRD.
Moodle server is installed and maintained in the Data Centre of university. Moodle server is becoming popular for dissemination of course material and online tests.
Library Internet Hall received 45 new desktops for centralised browsing facility to students and faculty. Affiliated college students and external students are also using said facility for submission of online examination / convocation forms.
Three blade servers in the Data Centre are made available to research workers in the Bioinformatics and chemistry departments.
Pioneering research work has been made using this computing facility. Research papers published have got significant citation index.
This year new web applications have been developed for paperless office and e-governance:
1. Student feedback system, online examination.
2. University elections 2017.
3. Online exam processing for CAP.
4. Online Recruitment portal.
Technology upgradation :
Centralised storage at Data Centre has been upgraded to 42 TB + 56 TB in current year. Additional two rack mounted servers are installed in Data Centre.
Centralised Anti-Virus solution.
CCTV Camera for campus security (200 cameras).
Campus Biometric Attendance (36 Units)
In-house Computer Hardware and UPS maintenance.
Total Computers on campus :
New purchases in 2015-2016 :

4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	473
iii) Equipments	119
iv) Others	00
Total :	661

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A) Library Orientation Programme:

Library orientation programme to the new university students (P.G and Research) was arranged by presenting the information regarding Library by Lecture presentation from 01-09-2015 to 02-09-2015 to acquaint the newly admitted students about university library, library resources, its various services, methods, procedures and various sections etc. along with their work functions. 265 students attended the programme. Library visit (Library Tour) was also arranged between 03-09-2015 to 05-09-2015. 361 students visited the library under this tour period. In all, 626 students were oriented about the library.

B)Workshops/User Awareness Program Arranged for students:

- One day workshop on 'Tattvabodha' series of NMM was organized by MRC (Manuscript Resource Center) of Library for all students, faculty members and general public on 29th June 2016.
- One week national workshop on 'Design and development of IR/DL using DSpace" for the benefit of affiliated college librarians was organized between 13th to 18th June 2016
- One day Orientation program on 'API for College Librarian And Introduction to DSpace for Building IR' for all college librarians was held on 8th January, 2016
- One day user awareness program on 'Citation Analysis' for faculty and research students was held on 7th January, 2016
- On the occasion of 'Braille Day' one day workshop on "ICT training for visually impaired students and a faculty" for the blind students from affiliated colleges/PG departments and teachers was organized on 6th January, 2016
- One day user awareness program on 'SciFinder' database for science faculty and research students was held on 19th October 2015.

C) Vachan Katta Programmes:

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, 'Vacchan Prerana Din' was organized on 1st October 2015. On this occasion a guidance lecture was delivered by Smt. Manjusha Kulkarni, Director of Directorate of Languages.
- On the occasion of 'Librarian's Day', the first 'Vachan Katta' Event under the year of report was organized on 12th August, 2015.

D) Other Student Support Services :

- Inauguration of Virtual Classroom at extended building of library was held on 26th June, 2016 at the auspicious hands of Hon. Chief Minister of Maharashtra state.
- On the occasion of Convocation, 'Granthmohatsav 2016' -a mega book exhibition event was organized during 26th February to 28th February 2016.
- On the occasion of Mahatama Gandhi Jayanti the Book exhibition was organized during the period 2nd October to 8th October 2015 in collaboration with Center for Gandhian Studies.
- Inauguration of Abalal Art Gallery at extension of Library building was held on 25th August 2015 in the presence of Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1st August 2015 a book exhibition for the books completing 100 years of publications was organized by the library. The event was inaugurated by Hon. Vice-Chancellor with all the officers of the Shivaji University, Kolhapur.

5.2 Efforts made by the institution for tracking the progression

- Networking at Department level
- Placement Officers (both at Department and University level
- Use of social network
- Database of the students at Department level.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1534	3670	208	785

(b) No. of students outside the state 37

(c) No. of international students 05

Men	No	%
	04	

Women	No	%
	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2931	947	39	1710	08	5627	3343	943	69	1842	19	6197

Demand ratio 1:4 Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. this centre will take due care in training and development the SC/ST/OBC & Minority Students 2. This centre conducted UPSC/MPSC, Banking ,other competitive exam classes

No. of students beneficiaries	95

5.5 No. of students qualified in these examinations

NET	41	SET/SLET	84	GATE	20	CAT	0
IAS/IPS etc	0	State PSC	35	UPSC	0	Others	07

5.6 Details of student counselling and career guidance

Career Counselling Cell in the Academic Year 2014-5 conducted various activities. Resource persons from India and abroad mentored the students and shared their knowledge. The list of the activities conducted is as follows :

1] A Workshop on Career Opportunities in IT was conducted by Mr Mandar Sovani on 01/07/2014. He has completed his Engineering from BITS, Pilani and now is working in Semiconductor company at Melbourne, Australia. Students from various departments of University attended the workshop.

2]Blood Donation camp was organized with the help of Vijaylaxmi Blood Bank on 12/07/2014. A total of 107 Donors donated their blood in the camp. Importance of the blood donation was signified by the medical professionals.

3] A Workshop on Career Opportunities in Banking was conducted by Mr Omkar Barve on 09/07/2014. He has been selected in State Bank of India. Students from various department of University attended the workshop.

4] A Workshop on Improving Communication Skills was conducted by Mrs Sneha Pai on 02/08/2014 Students actively participated and learnt about Soft Skills.

5] A Workshop on Corporate Trends was conducted by Mr Laxman Gulawani on 09/08/2014. He is an entrepreneur in Pune. Students from various departments of University attended the workshop.

6]Workshop on Research Trends was Conducted by Mr Shivam Rastogi IIT-Kanpur. He interacted about scope in Research on 09/08/2015.

7] A Workshop on Career Opportunities in Software Testing was conducted by Mr Dipen Vardhe. He is working in California, USA in Motorola Company. The workshop was conducted on 22/12/2015. A large number of students attended the workshop.

8] A Workshop on Improving Communication Skills was conducted by Mrs Arundhati Bhat. She is working in Mumbai as HR. This workshop was conducted on 28/12/2015.All the students interacted with the Expert.

9] A Workshop on Research Trends in Computer Science was conducted by Dr Subhash Khot on 01/01/2015. Subhash Khot is an Indian born mathematician and theoretical computer scientist who is a Professor of Computer Science at the Courant Institute of Mathematical Sciences at New York University. He has made distinctand original contributions to the field of computational complexity. He is best known for his unique games conjecture.

10] A Workshop on Research Trends was conducted by Mr Anupam Akolkar on 02/01/2015. He is pursuing his PhD degree from Austria University. Most of the researcher students from the university attended the workshop

11] A Workshop on Personality Development was conducted by Mr Anthony D'sauza. He is a well known language teacher. He covered most of the points related to all round development amongst the students. The workshop was conducted on 10/01/2015

12] A Workshop on Career Opportunities in Electronics and Computer Science was conducted by Mr Akhil Kulkarni on 23/02/2015. He completed his education from BITS Pilani and now is working in USA as an Engineer at Schlumberger Company.

13] A Workshop on Resume Writing and Interview Techniques was conducted by Mr Veeshwajeet Kashid. He is working at Magic Software; Pune.The session was full of interaction. Students created their own Resume.The worksop was held on 28/02/2015

14] A Workshop on Marketing Skills was conducted by Mr Santosh Prabhu.He is working as Event Manager in Mumbai. Student were given knowledge about Marketing Techniques. The workshop was conducted on 03/03/2015

No. of students benefited

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
47	18993	1507	500

5.8 Details of gender sensitization programmes

Objectives of a University as defined in the Maharashtra Public Universities Act 2016 include promoting gender equality and sensitivity in society. Even before the implementation of this Act, the Centre for Women's Studies has been contributing to gender sensitization of various stakeholders of Shivaji University and other cross-sections of society towards attaining the long-term goal of gender equality.

In the year 2015-2016 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre integrated gender sensitization in various events focusing on women's education, women and politics; and career options in Women's Studies, etc. in the following manner:

1.Sensitivity towards women's issues is a criterion for admissions to M.A. in Women's Studies. Therefore candidates aspiring for Women's Studies courses were given a brief orientation to gender sensitization on 8th and 15th July 2015 in small batches.

2. The issue of pending Women's Reservation Bill was chosen as the focus for gender sensitization on the occasion of Late Prime Minister Indira Gandhi's death anniversary on 31st October 2015. The potential of Women's Reservation Bill in transforming power relations among women and men was discussed.

3.On 3rd January 2016, while observing Savitribai Phule birth anniversary, women's education was chosen as the focal theme for gender sensitization. Students were sensitized about mid-18th Century issue of women's education as against the privileged status of all girls who have reached the PG level. Gender sensitization session further focused on the gender gap persistent in professional education even in the 21st century.

4.Two workshops were organized on 8th and 9th March 2016. On 8th March the focus was on the assessment of gender sensitivity of students of M.A. in Women's Studies. They were asked to offer personal narratives on "How Women's Studies Changed our Lives". This was followed by another workshop on 9th March, wherein the soft-skills training by Dr. Smrutika Patil as the Resource person highlighted the gaps in students' gender sensitivity. The importance of gender sensitivity as an integral part of soft-skills was emphasized.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level: 120 National level: 498 International level: Nil

No. of students participated in cultural events

State/ University level: 80

National level: 30 International level: Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level: 15

National level: 22 International level: Nil

Cultural: State/ University level: 17 National level: 05 International level: -

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	637	36,90,000
Financial support from government	1437	37735196
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level: 27 National level: 02 International level: 0

Exhibition: State/ University level: 17 National level: 06 International level: 0

5.12 No. of social initiatives undertaken by the students | 7550 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Shivaji University is committed to meeting the educational, social, cultural and economic needs of the region and the nation to create a just and humane society.

Mission:

We are dedicated to promoting and fostering a culture of high quality teaching and learning, and serving the societal needs by encouraging, generating and promoting excellence in research and extension activities.

6.2 Does the Institution has a management Information System

Yes, the University does have MIS. The University is playing vital role in updating the information of University on Management Information System (MIS) developed by Director, Higher Education, Pune. University also ensures that all of its Affiliated Colleges registered in MIS should update the information on time.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The policies of the national level apex bodies like UGC, AICTE, BCI, NCTE, National Universal Education Quality Framework (NUEQF), National Vocational Council (NVC), National Skill Development Corporation (NSDC) and other related agencies, and the Central/State Governments provide certain directives about the curriculum design which are taken into account while framing / revision of curriculum. The subject related research councils also provide broad guidelines about the course work and curriculum design. Such policies and the local demands are considered while designing the curriculum and the course work. The feedbacks from various stakeholders are also taken into account while doing so. The Departmental Committees reviews all such policy issues and then the curriculum and course work is designed well in advance and forwarded to the respective BOS and Faculties. The need-based assessment of the existing curricular content is closely monitored by the BOS in various subjects. In the deliberations of the Academic Council, BOS, (in which external subject experts are invited) Faculties and Dean's meetings, content and revision of curriculum are discussed. The proposed curriculum is displayed on the University web-site inviting comments of the teachers from the affiliated colleges, Departments and students prior to its finalization and approval of the Faculties and Academic Council. The teachers are oriented about a new course curriculum. Periodical updates are made in the curriculum as and when required.

Shivaji University encourages the affiliated colleges to provide skill-oriented programmes relevant to the regional needs. The affiliated colleges are free to design the need based skill-oriented certificate and diploma courses for which they receive substantial funding from the UGC under the XI Five Year Plan (Merged Schemes and under Innovative Programme Scheme of UGC). There are 124 Add on-Courses, 35 Diploma Courses and 15 Advanced Diploma Courses started by the affiliated colleges, which have received grants to the tune of Rs. 7 lakhs each from the UGC.

The learner's flexibility is introduced through Choice Based Credit System. All P.G. departments (32) on the campus are having Academic Flexibility to design and revise their own courses. These courses are simultaneously introduced at the P.G. centres in the affiliated colleges. About 50% of the syllabus belongs to the core area. The elective options are designed on the basis of the skill based and applied nature of the papers. The students have cafeteria to choose from the electives.

Each semester paper is having four units of 15 contact hours each. Each semester has 60 contact hours. One credit point is assigned to 15 contact hours each. Credit points are calculated on the basis of the grade points. The marks obtained by the students are converted into grade points and then the credit points.

The University facilitates Dual Degree Programme wherein students can simultaneously enroll for one UG/PG course in regular mode and other courses conducted by the Centre for Distance Education.

The Centre for Distance Education offers 10 programmes with 334 courses in the faculty of Arts, Social Science, Commerce and Management and one IDS Course, Master of Valuation (Real Estate).

Need based programmes with employability in emerging areas are major factors which encourage University to undertake interdisciplinary programmes. M.Sc. in Applied Sciences, M.Sc. in Nanoscience and Technology and MCA, MBA, MSW courses under Yashwantrao Chavan School of Rural Development, MBA (Executive) and Master of Valuation under distance mode, M.A. (Music) and other self supporting programmes run by the University are some of the examples of interdisciplinary courses.

Quality sustenance and enhancement measures followed by the University for effective development of curriculum are as follows:

- Advice from the industry experts.
- Representation of industry experts, subject experts from other Universities and Research institutes on the respective BOS.
- Teacher Training on revised curriculum.
- Mechanism of sub-committees on special areas.
- MoUs with international and national institutes of repute.
- Detailed deliberation on curriculum in the academic bodies like BOS, Faculties and Academic Council.

6.3.2 Teaching and Learning

Following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e – learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, their involvement in academic and research programmes and performance in various examinations and placements.

These points are considered while adjudging the Best Teacher Award. Appreciation letter from the Vice-Chancellor is issued to such faculty.

Around 80% of the course work programmes have mandatory project work mandatory. Projects are compulsory for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C students. They are evaluated by the external examiners. Some of the diploma courses in science and social sciences faculties have the mini project work. The weightage of marks ranges from 50 to 200.

- **Number of projects executed within the university**
  All the students appearing for M.Ed., M. Com, M. Sc., MCA, MBA, B. Tech., M. Tech., MRS, MSW, M.J.C. course work on the campus are entitled to work on the research projects assigned by the respective departments. This number is around 1,200 per year.

- **Names of external institutions associated with the university for student project work**
  1) Indian Institute of Geomagnetism, Kolhapur Centre
  2) National Geography Research Centre, Hyderabad
  3) National Chemical Laboratory, Pune
  4) Centre of Materials for Electronic Technology, Pune
- **Role of faculty in facilitating such projects**
  The faculty encourages the students to undertake projects on diversified areas and in national institutions for collaborative work. They also supervise research projects.

6.3.3 Examination and Evaluation

The important examination reforms initiated by the University both for University Departments and affiliated colleges are indicated below:

- Continuous Internal Evaluation and Semester end examination
- e-Suvidha- Digital University Digital College (DUDC)
- Secured Remote Paper Delivery (SRPD) mode system:
- On-Line application for Convocation
- Decentralization of examination

The Examination Section follows the schedule of paper-setting, printing of question papers through RBI recognized Printing Press, coding, evaluation, decoding and declaration of results. These reforms are implemented fully. The results are declared as per the schedule.

The average time for declaration of results of examination is 30 days. Average time taken for the University Departments is less than 30 days. Shivaji University has a very good track record of declaring more than 70% results within 30 days. University arranges a special assessment programme in case of delay. The results are declared on University website and notice boards.

6.3.4 Research and Development

In the reporting period following initiatives were taken up:

- Research Policy is formulated
- Innovation and Incubation Cell is formed.
- University Publication Cell is formed.
- Research Committee in each Department to scrutinise the projects.

Major achievements are as follows:

- DST-PURSE: A major interdisciplinary programme amongst the eighteen Science and Technology Departments under DST-PURSE for which grant-in-aid of Rs. 9.00 crores has been sanctioned by DST and fully utilized by University Science Departments. Its second phase proposal is being sent.
- DBT-IPLS: Another noteworthy project is interdisciplinary Programme in Life Sciences under which Rs. 5.00 crores has been granted by DBT, New Delhi. Six departments are involved in this programme.
- TEQIP: Department of Technology has been sanctioned Rs. 10.00 crores under the TEQIP programme granted by the World Bank for research in all Engineering subjects (08).
- DST-SAIF: University has been granted Rs. 5.00 crores under DST-SAIF programme for purchase of sophisticated analytical instruments for interdisciplinary research in science departments.
- Good number of Ph.D. thesis were uploaded on the UGC-INFLIBNET ETD repository "Shodhganga"

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library houses 55 computers with high internet bandwidth of 20 MBPS leased line and additional 1 GBPS from National Knowledge Network (NKN) with a view to browsing, sharing and downloading of e-information (online/offline). LibSys integrated library software has been installed for library automation. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance of the library and also OPAC facility is made accessible through campus LAN at all the departments. A series of printers such as Dot Matrix/Laser and Ink-jet printers are housed in the library. Well designed library website/portal facilitates the overall information about the library and links to various e-resources/contents. The library has downloading facility for students and faculty with instrumental devices such as database server, internal/external storage devices like hard disk, CDs/VCDs, scanner, printer and digital camera are available for storing the information available in textual, image, graphic, audio, video/multimedia formats. Surveillance system such as CC TV and biometric equipment are also housed at different sections of the library for security of the material. University Library has institutional membership to several organizations for sharing e-resources such as INFLIBNET Centre Gandhinagar, British Council, Association of Indian Universities, New Delhi, Association of Commonwealth Universities, U.K., Current Science Association, Bangaluru and GDNET (Global Development Network). Library has planned to develop institutional repositories and Content management system for the users.

Necessary physical infrastructure such as Academic Resource Center, terrace reading hall, Ramp and Resource Centre for Inclusive Education for disabled students/faculty, extension of library building, adequate drinking and sanitary facilities etc are provided by the library.

6.3.6 Human Resource Management

- Thrust areas are identified on the basis of expertise available and the research work in the Departments.
- Appointment of the teachers in support of the thrust areas.
- Promotion of teachers under CAS.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is carried out as per provisions in Standard Code/MCSSR, 1984 and Teachers' Statutes / UGC guidelines.

6.3.8 Industry Interaction / Collaboration

MoU:

UIIC has signed MoU with the Leaders in Industry-University Cooperation (LINC) Chonnam National University (CNU), Gwangju, South Korea, 10 March 2016.

Active Interactions:

1. Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur.
2. Kolhapur Engineering Association, Udyamnagar, Kolhapur
3. Shiroli Manufacturers Association (SMAK), Shiroli
4. Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon
5. Manaufacturers Association Kagal-Hupari Five Star MIDC, Kagal
6. Kolhapur Chamber of Commerce & Industry, Kolhapur

6.3.9 Admission of Students

1. Wide publicity to the admission process through notification and advertisement in local and national newspaper and on the university website.
2. Entrance tests are conducted at various centre.
3. Merit List is displayed on the University website.
4. Three admission round are scheduled for each round a list of candidate is displayed two days before on the website.
5. The state goverment reservation policy is strictly adhered to.
6. Eligibility of the students at the entry level is certified by the University
7. Online application forms for all PG courses.
8. Reserved quota for other University and foreign students in the admission 10 % to 20 % over and above the quota.

6.4 Welfare schemes for -

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	- Insurance to 2,500 teachers in University and affiliated colleges - Day Care Centre - Personal Library Scheme for teachers - Emergency medical care - Publication grant - Travel Grant - Leave Travel Concession.
Non-teaching	- Insurance to Non-teaching staff - Day Care Centre - Employees Welfare Fund - Emergency medical care - Special provision for sports activities - Reimbursement of tuition fees for Class-IV - Purchase scheme of Computer and Bicycles - Concession in tuition fees - Procurement of books scheme for Class-IV - Festival Advance - Leave Travel Concession.
Students	- Insurance to 2,00,000 students in University and affiliated colleges.\ - Earn and Learn Scheme for Men and Women - NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students. - Student aid fund - Competitive Examination Preparatory Classes/Entry into Services. - Work on Demand

6.5 Total corpus fund generated | 11,599 |

6.6 Whether annual financial audit has been done Yes | √ | No | |

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	--	Yes	--
Administrative	Yes	--	Yes	--

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	Yes	√	No	
For PG Programmes	Yes	√	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Student portal result display on University website and in student login.
2. Since 2010 year training programs have been conducted at three districts for the University and College Administrative staff and teaching staff also.
3. Exam co-ordination committee of officers for resolving queries of various stakeholders at the time of examination.
4. Special camps were arranged college employees to resolve queries related with results.
5. District wise workshop were arranged to give information and training about new software's for the conduction of smooth examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

At present, there are six autonomous colleges affiliated to Shivaji University, Kolhapur. These colleges are as follows –

Sr. No.	Name of Autonomous College/Recognized Institute	Name of Concern Institute	Period of Autonomy
1.	Chh.Shahu Institute of Business, Management & Research, Kolhapur	Chh. Shahu Central Institute of Business, Management & Research, Kolhapur.	1995-96 to 1999-2000 2000-2001 to 2004-2005 2005-2006 to 2010-2011 2011-2012 to 2015-2016 2016-2017 to 2021-2022
2.	Walchand College of Engineering, Sangli	Maharashtra Technical Education Society, C/o-Dhondumama Sathe Homeopathic Medical College Building, Arandavane, Karve Road, Pune - 411 004.	2007-2008 to 2011-2012 2012-2013 to 2019-2020
3.	Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	Kasegaon Education Society,C/o-Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Dist. Sangli.	2011-12 to 2016-17 Extension of Autonomy is in process.
4.	Govt. College of Engineering, Karad, Dist.Satara.	Govt.of Maharashtra	2015-16 to 2020-21
5.	Textile & Engineering Institute, Ichalkaranji, Dist.Kolhapur	Dattajirao Kadam Technical Education Society, Ichalkaranji	2016-17 to 2021-22
6.	Dhananjayrao Gadgil College of Commerce, Satara, Dist.Satara.	Rayat Shikshan Sanstha, Satara	2016-17 to 2021-22

Further, Government of Maharashtra's resoluation no.Autonomy 2012/Pra.Kra.385/ Vi-Shi-3, Dtd.13th March,2013 and Circular of Ja.Kra./Ma.Vi.Vi.Vibhag/5, Dtd.08 Aug. 2016 has been circulated to all affiliated colleges /recognized institutes and as a result of which six more colleges are willing to take autonomy. The procedure of giving autonomy to these colleges is under process. These colleges are as follows –

1. Vivekanand College, Kolhapur, Dist.Kolhapur.
2. Y.C.Institute of Science, Satara, Dist.Satara.
3. Annasaheb Dange College of Engineering & Technology, Ashta, Dist.Sangli
4. K.I.T.'s College of Engineering, Kolhapur
5. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli
6. Rajaram College, Kolhapur.

6.11 Activities and support from the Alumni Association

- Departments are encouraged to seek feedback from alumni, while revising curriculum.
- Alumni meet organization at Department level is promoted.

6.12 Activities and support from the Parent – Teacher Association

Parents meet organized at Department level and feedback taken about courses and conduct of activities.

6.13 Development programmes for support staff

- Encouragement to upgrade their qualification has been made as a part of university policy.
- Orientation on new teaching-learning strategies given to newly recruited teachers of Shivaji University.
- Establishment of Teacher Training Centre in the Department of Education.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Celebration of Ozone Day (16th Sept.), Wetland Day (2nd Feb.), Environment Day (5th June), Earth Day (22nd March)
Green Audit
Energy Audit
Water Audit
Waste Management

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Digitization of the Academic Calendar
2. Digitization of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. 'VachanKatta" Initiative to inculcate reading culture
4. Establishment of "Writing Laboratories" in SAP funded Departments
5. Establishment of "Academic Resource Center" in Library
6. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year .

Sr. No.	Point	Action Taken
1.	Showcasing the documentation systematically for the NAAC peer team visit scheduled in September - 2014	State of Art Documentation Center has been conceptualized along with the exclusive space allotted for this purpose. All the documents have been systematically arranged in the said Center.
2.	Green Audit of the University	The Green Audit was updated and it was revealed that altogether 766 tonnes of oxygen is liberated annually from the present forest cover at the sprawling 853-acre campus of the Shivaji University. Besides, many other green activities are also being taken up on its premises. The 13,217 trees on the campus are sequestrating 287 tones of carbon dioxide, which in turn is acting as a carbon sink and productive oxygen park.
3.	IT Audit and IT policy	The IT audit along with IT policy was accomplished and was hosted on the University website.
4.	Security and safety of the girl students	*Nirbhaya Abhiyan* was undertaken

5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: • Campus Cleanliness • Tree Plantation • Rain water harvesting • Solid and Liquid Waste Disposal • Campus as Biodiversity Park • Solar street lamps • Environmental Day and Ozone Day Celebrations Earth Day
6.	Increased Budgetary provision for Research	A provision of Rs 20 crores has been made in this budget for the renovation of existing laboratories to improve the current research and development status in the university.
7.	Write off of all the old equipments	Expert committee was formulated and the said work was completed.
8.	Other quality initiatives planned and achieved are as follows: 1. Academic Resource Center 2. Writing Laboratories in the SAP Departments 3. Gender Audit 4. Monitoring of Progression of Minority Students 5. Smart Classroom in all departments under DST PURSE 6. Activities under NKN 7. Digitization of rare documents 8. Digitization of Examination Records 9. Digitization of records of various bodies 10. Repository of publications in Library 11. Intensification of teaching learning through MOODLE 12. Research Policy formulation 13. Acquisition of plagiarism software	All the points mentioned in the left hand side column have been fulfilled.

9.	Following benchmarking initiatives were planned: 1. Formation of Curriculum Development Committee/Cell 2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students. 3. Research grants to faculty, staff and students. 4. Incentives for Outstanding Work of the Faculty, Staff and Students 5. Online courses to be introduced in the University. 6. Mentoring system for University Departments and affiliated colleges 7. Teaching Plan of the faculty 8. Teaching Learning Monitoring Committee 9. Innovation and Incubation Cell 10. Teachers Training Centre. 11. Workshop on"Outcome Based Modular Syllabus 12. Enrichment Programme for teaching and administrative staff	All the benchmarking initiatives planned and presented in the left hand column have been achieved.
10.	During the reporting period Shivaji University underwent third cycle of reaccreditation.	Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

As per annexure

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. All the buildings and surrounding area on the campus are cleaned every day for which outsourcing policy is adopted.

The campus observes "No Vehicle Day" first Saturday every month. The University also adopts energy conservation practices, effective waste management at source, rain water harvesting and plantation for making the campus clean, green and healthy. The University has built up two mini irrigation percolation dams inside the campus to meet the demand for water.

Following awareness initiatives regarding environment are taken up in the reporting period:

Celebration of Earth Day, Environment Day, Ozone Day

Public Awareness through lecture and articles published in Daily Newspapers.

No Vehicle Day

Tree Plantation

Campus Cleanliness drive on October 2, 2014 and periodically by the departments as per the need.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths :

- Pollution-free campus with rich biodiversity spread over more than 853 acres of land
- Post-graduate Departments in most of the disciplines viz. Basic Sciences, Humanities, Languages and inter-disciplinary subjects.
- Strong research output in terms of publications and superior research metrics (h index – 64)
- Pro active administration addressing stakeholders issues in time.
- Access to girl students by providing Hostel facility on campus to every aspiring girl student.
- Twenty Five MoUs signed with national and international organizations.
- The only University in the State to implement successfully the cluster college scheme (Lead College Scheme) for the total quality management of the stakeholders in affiliated colleges.
- Efficient IT based Accounts Code (developed by the university) appreciated by Hob'ble Chancellor and adopted by majority of the universities in the state through Govt. of Maharashtra.
- 'Earn and Learn' Scheme as an inclusive educational model implemented from the year 1968 onwards.
- Sensitization of the University towards Environmental problems of Western Ghat.

Weaknesses :

- Old buildings need renovation and Upgradation and newly started Departments need enough space.
- Moderate on campus hostel facility for Boys. No Hostel facility for regular research scholars and visiting scholars of national and international level.
- Desired number of international students yet to be achieved.
- High impact factor yet to be achieved by the humanities, languages and technology.
- Choice based credit system is at the inception level.
- Placement statistics is average and requires improvement with intensive efforts.
- Lack of job-oriented and skill based courses/training on campus.
- Students at large lack in soft skills/Communication skills.
- Research grant to faculty.

Opportunities :

- Scope for professional consultancies.
- Enriching curriculum with focus on skill-based aspects with a view to enhance employability.
- Provision for better infrastructure for research scholars.
- Planned efforts for attracting foreign students.
- Infrastructure required for effective implementation of ICT based teaching learning, evaluation and administration.
- Expansion of University-Society Interaction for sustainable development.

Threats:

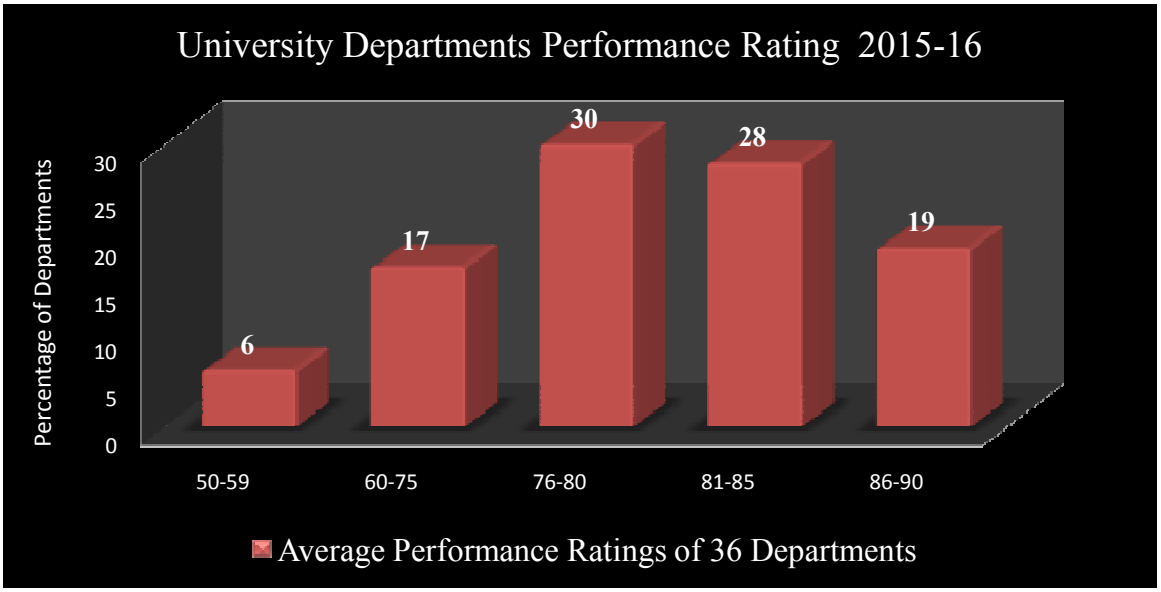
- Absence of major industries in the vicinity.
- Non-existence of a CSIR/National Laboratory which can serve as a role model for researchers.
- Uniformity in Choice Based Credit System at State and National levels for credit transfers.
- Researchers yet to gear up towards the IPR sensitization

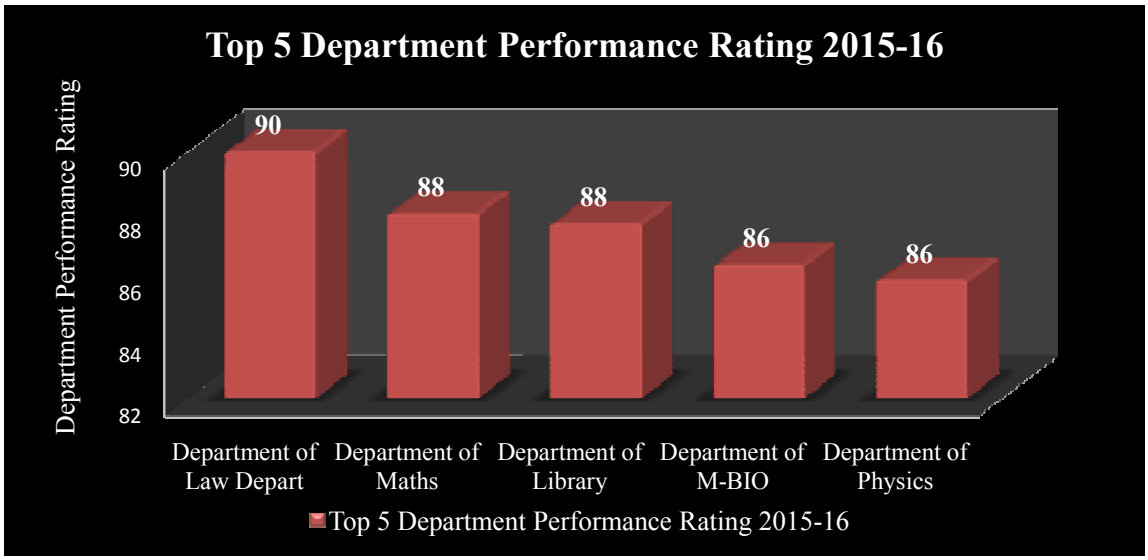
8. **Plans of institution for next year**

As per annexure

Annexure-I Feedback Analysis

Feedback Analysis





Annexure-II

Academic Calendar

[Academic Calendar]

Shivaji University

Kolhapur

June 2015

◄		~ June 2015 ~				►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10 Meeting of the Lapses Committee	11 Meeting of the Lapses Committee	12 Meeting of the Lapses Committee	13
14	15 Meeting of the Faculty (Department of Botany)	16	17	18	19	20
21	22 Meeting of the Board of Studies in Hindi Meeting of the Board of Studies in Marathi Meeting of the Departmental Committee for first term time table. (Department of Zoology)	23 Meeting of the Board of Studies in English Meeting of the Board of Studies in Sanskrit	24 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Portrait/Composition/Land Scape Meeting of the Ad-hoc Board in Music Meeting of the Ad-hoc Board in Dramatics	25 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in Ardhmagadhi Meeting of the Ad-hoc Board in Linguistics	26 Meeting of the Lapses Committee Meeting of the Ad-hoc Board in B.I.D./D.I.D.D. Meeting of the Ad-hoc Board in B.D.F.C.	27

◄	~ June 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Meeting of the Ad-hoc Board in Modern Foreign Languages other than English Meeting of the Ad-hoc Board in Bachelor of Graphic Design Meeting of the DST-PURSE Committee (Department of Zoology)	30 Meeting of the Ad-hoc Board in Urdu-Persian Meeting of the Ad-hoc Board in Kannada Meeting of the Board of Studies in Economics Meeting of the Board of Studies in History Meeting of the Ad-hoc Board in Graphic Design (B.Voc)				

July 2015

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 Meeting of B.O.S. in Social Work Education Meeting of B.O.S. in Sociology & Anthropology	2 Meeting of B.O.S. in Psychology Meeting of B.O.S. in Political Science Meeting of Management Council	3 Mtg. of Ad-hoc Board in Lib. Inf. Sc. Mtg. of Ad-hoc Board in Bach. Of Journ. & Communication Mtg. of API Count Committee for College Teachers	4 Meeting of Ad.-hoc Board in Mass Communication Ad-hoc Board in Social Exclusion & Inclusion Meeting of SAP Advisory Committee (Deptt. of Zoology)
5	6 Meeting of Ad-hoc Board in N.C.C. Meeting of Ad-hoc Board in Jainology	7 Meeting of Ad-hoc Board in N.S.S. Meeting of Ad-hoc Board in Women Studies	8 Meeting of Ad-hoc Board in Gandhian Studies Meeting of Ad-hoc Board in Philosophy & Logic	9 Meeting of Lapses Committee Meeting of B.O.S. in Mathematics Meeting of B.O.S. in Microbiology Meeting of B.O.S. in Statistics Mtg. of consideration of workshop/training program. For the changes new syllabus & sanction financial grants under University funds	10 Meeting of Lapses Committee Meeting of B.O.S. in Physics Meeting of B.O.S. in Electronics Meeting of B.O.S. in Chemistry	11 Meeting of M.Sc. II specialization distribution (Deptt. of Botany)

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
12	13 Meeting of B.O.S. in Botany Meeting of B.O.S. in Zoology Meeting of Departmental Admission Committee (Deptt. of Botany)	14 Meeting of B.O.S. in Geology Meeting of B.O.S. in Geography	15 Meeting of B.O.S. in Home Science Meeting of B.O.S. in Bio-Technology Meeting of Ad-hoc Board in Environmental Science	16 Meeting of Ad-hoc Board in Food Science & Technology Meeting of Ad-hoc Board in Industrial Chemistry Meeting of Ad-hoc Board in Computer Science Meeting of Conference, Workshop, Seminar etc. (Deptt. of Zoology)	17 Meeting of the Purchase Committee Meeting of Ad-hoc Board in Bio-Chemistry Meeting of Ad-hoc Board in Agrochemical & Pest Management Meeting of Ad-hoc Board in Nano-Science & Technology	**18**
19	20 Meeting of Buildings & Works Committee Meeting of Ad-hoc Board in Foresnic Science Meeting of Ad-hoc Board in Alcohol Technology Meeting of Ad-hoc Board in Food Processing & Managment (B.Voc.)	21 Meeting of Ad-hoc Board in Foundry Technology (B.Voc.) Meeting of Ad-hoc Board in Automobile (B.Voc.) Meeting of Ad-hoc Board in Printing & Publishing (B.Voc.)	22 Meeting of B.O.S. in Business Economics, Banking, Mathematics & Statistics Meeting of B.O.S. in Commerce, Mercantile & Industrial Law Workshop on Research Methodology for Research on Political Thoughts & Thinkers (Deptt. of Pol. Sc.)	23 Meeting of B.O.S. in Accountancy & Auditing, Acturial Science & Cost Accountancy Meeting of B.O.S. in Business Management Meeting of Ad-hoc Board in Retail Management Meeting of Yuva Mahotsav Committee Meeting of the Academic Council	24 Meeting of the Board of Examination Meeting of the B.O.S. in Education Meeting of the Ad-hoc Board in Physical Education	**25**

◄	~ July 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
26	27	28 Meeting of B.O.S. in Civil Engineering Meeting of B.O.S. in Mechanical Meeting of B.O.S. in Electrical Engineering Meeting of the M.Phil. & Ph. D. Scrutiny (Deptt. of Zoology	29 Meeting of the Lapses Committee Meeting of B.O.S. in General Engineering Meeting of B.O.S. in Automobile Engineering Meeting of B.O.S. in Chemical Engineering Meeting of the Scrutiny Committee for extension of 60-62 age for teachers	30 Meeting of theMaharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of Castribe University Teachers Association Alumni Meet, Parents Meet, Welcome Function (Deptt. of Botany Orientation Programme for M.A. Students (Deptt. of Political Science)	31 Meeting of the Lapses Committee Meeting of B.O.S. in Electronics Engineering Meeting of B.O.S. in Pharmany Meeting of Ad-hoc Board in Bio-Technology Engg. Meeting of Ad-hoc Board in Information Technology Meeting of Ad-hoc Board in Electronics & Tele. Engineering, Meeting of Ad-hoc Board in Technology Orientation Programme for M.A. Students (Deptt. of Political Science)	

August 2015

◄ ~ August 2015 ~ ►						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Meeting of the Ad-hoc Board in Electrical & Electronics Engineering Meeting of the Ad-hoc Board in Production Engineering Meeting of the Ad-hoc Board in Instrumentation Engineering Barr. Balasaheb Khardekar Jayanti Celebration (Department of Library & Information Science)

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
2	**3** Meeting of the Ad-hoc Board in Textile Engineering Meeting of the Ad-hoc Board in Environmental Engineering Meeting of the Ad-hoc Board in Architecture Engineering Meeting of the Ad-hoc Board in Computer Science & Engineering	**4** Meeting of the Board of Studies in Law Meeting of the Faculty of Law Meeting of the Changes in Staff Committee English Communication Lecture Series (YCSRD) Lecture on "Changing International Scenario" (Department of Political Science)	**5** Meeting of the Multi – Faculty Board for Master Valuation English Communication Lecture Series (YCSRD)	**6** Meeting of the Multi-Faculty Board for Rural Development (YCSRD) Film show and Discussion : In association with Centre for Gandhian Studies (Department of Political Science) English Communication Lecture Series (YCSRD)	**7** Meeting of the Faculty of Arts & Fine Arts Lecture on "Gavgada of C.N.Atre" (Department of Political Science/Gandhian Studies) English Communication Lecture Series (YCSRD)	**8** Legal Aid and Literacy Camp (Department of Law) English Communication Lecture Series (YCSRD)
9	**10** Lecture on "Mahatma Gandhi and Indian Constitution"	**11** Meeting of the Faculty of Social Science	**12** Meeting of the Ad-hoc Board in Philosophy & Logic Meeting of the Finance & Accounts Committee Celebration of Librarian Day	**13**	**14** Meeting of the Faculty of Science Lecture on "Duties and Responsibilities of Municipalities" (Department of Gandhian Studies)	**15**

◄	~ August 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
16	**17** Meeting of the University Department Students Council	**18**	**19**	**20** Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Meeting of the Faculty of Commerce Meeting of sanction financial assistance to teachers for attending Conference / Seminar / Workshop etc. Workshop on Research Methodology (Department of Political Science)	**21** Workshop on Research Methodology Meeting of the Lapses Committee Meeting of the Purchase Committee Workshop on 'Gandhi & Ambedkar : Merger of Two Paths' (Department of Political Science)	**22** One Day Basic Training Programme on Human Rights. (Department of Law)
23	**24**	**25** Meeting of the Management Council Meeting of the Set / Net Workshop (Department of Zoology) Meeting of the Faculty of Education	**26**	**27**	**28** Meeting of the Faculty of Engineering & Technology	**29**

◄	~ August 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					

September 2015

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 **Celebration of Teachers Day**
6	7	8 Meeting of Departmental Committee (Deptt. of Zoology One Day Symposium on '1965 War : 50 Years' (Deptt. of Political Science)	9 Meeting of the Buildings & Works Committee Meeting of the I.Q.A.C. Committee	10 Meeting of the Executive Committee (YCSRD)	11 Meeting of the Finance & Accounts Committee Meeting of the Library Committee	12
13	14	15	16	17 Lecture on 'Dhirendra Mujumdar & Prof. Rammurti' (Deptt. of Political Science/Gandhian Studies)	18 Legal Aid and Literacy Camp (Department of Law)	19 Meeting of the Purchase Committee
20	21	22 Meeting of Lead College Apex Committee Meeting of niversity Standing Committee Meeting of the Special Cell Standing Committee	23	24	25 Meeting of the Management Council Visit to atoshree Old Age Home (Department of Law)	26

~ September 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Lecture on 'Y.B. Chavan and 1965 War' (Department of Political Science)	30			

October 2015

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Meeting of the Scrutiny Committee for the medal of 'President of India Gold Medal for General Proficiency' Blood Donation Camp (Deptt. of Political Science/Gandhian Studies)	2 Visit to Kagal Children Home (Deptt. of Law) Gandhi Jayanti : Swacchata Abhiyan and International Peace Day (Deptt. of Political Science /Gandhian Studies	3
4	5	6 Workshop on 'Mahatma Gandhi : Misconceptions and Reality' (Deptt. of Political Science/Gandhian Studies) Meeting of the Finance & Accounts Committee	7	8 Meeting of the Management Council	9 Meeting of the Annual Report Committee Meeting of the API count committee for College teachers National Seminar. (Department of Law)	10 National Seminar. (Department of Law)
11	12	13	14	15	16	17

~ October 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	19	20 Meeting of the Purchase Committee Meeting of the Dr.V.R.Karandikar Research Award Meeting of the Smt. Sitabai Kulkarni Research Award Meeting of the Late D.S. Alias Dada Chavan Award	21	22	23	24
25	26	27 Meeting of the scrutiny committee for extension of 60-62 age for teachers. National Seminar on 'Indian Idea of State' (Department of Political Science)	28	29	30	31

November 2015

◄	~ November 2015 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Meeting of the Selection Committee to give "President of India gold medal for general proficiency"	3	4	5 Meeting of the Departmental Committee and Project work related activities (Department of Zoology)	6 Academic Committee meeting to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. Meeting of the Changes in Staff Committee Placement camp for college teachers Meeting of the Selection committee for the President of India gold medal for general proficiency West Zone Vice-Chancellor's Meet	7 West Zone Vice-Chancellor's Meet Meeting of the Faculty (Department of Botany)
8	9	10	11	12	13	14

◄	~ November 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
15	**16** Meeting of the Academic Council National Moot Court Competition (Department of Law)	**17** National Moot Court Competition (Department of Law)	**18** **University Foundation Day**	**19**	**20** Meeting of the Finance & Accounts Committee Meeting of the Purchase Committee Meeting of the Buildings & Works Committee Annual Report Committee	**21**
22	**23**	**24**	**25** Meeting to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Yashwantrao Chavan Death Anniversary (YCSRD)	**26**	**27** Meeting of the Faculty (Department of Botany)	**28**
29	**30** Meeting of the Management Council					

December 2015

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2 Merit Scholarship Scrutiny committee Meeting of the Departmental Committee for SAP, PURSE & FIST (Department of Zoology)	3 National Seminar (YCSRD)	4 Deans committee meeting for dates of the Academic terms.	5
6	7	8	9 Symposium on the occasion of 125th Birth Anniversary of Dr.Babasaheb Ambedkar (Department of Political Science)	10 Meeting of the Departmental Committee and Planning of Education Tour (Department of Zoology)	11 Annual Report Committee	12 Workshop on Human Rights (Department of Political Science)
13	14	15 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	16 National Seminar 'Interpretation of Bhagwad Gita during 19th and 20th Century' (Department of Political Science/Gandhian Studies)	17 Meeting of the Finance & Accounts Committee	18 Meeting of the Maharashtra rajya castribe karmachari mahasangh, Pune Meeting of the Castribe University Teachers Association	19

◄	~ December 2015 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20	**21**	**22** Meeting of the Purchase Committee	**23**	**24**	**25**	**26** Basic Training Programme on Human Rights. (Department of Law)
27 Basic Training Programme on Human Rights. (Department of Law) Lecture on Yashwantrao Chavan (Department of Political Science)	**28**	**29** Meeting of the Management Council Meeting of the I.Q.A.C. Committee	**30** Meeting of the Senate	**31**		

January 2016

◄	~ January 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Merit Scholarship Scrutiny committee
3 Lecture on the "Occasion of Savitribai Fule Jayanti" (Department of Political Science)	4 Meeting of the College teachers API count committee	5	6 Meeting of the Buildings & Works Committee	7	8 Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication.	9
10	11 Meeting of the Departmental Committee for Conference related course. (Department of Zoology)	12 Meeting of the Library Committee Workshop on Ethos of Indian Nationalism In Association with Chh. Shivaji College, Satara (Department of Gandhian Studies)	13	14	15 Annual Report Committee Meeting of the Lead College Apex Committee State Level Seminar (Department of Gandhian Studies)	16

◄	~ January 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
17	18	19	20 Meeting of the Finance & Accounts Committee Meeting of the Academic Council SET/NET Workshop	21 Meeting of the Purchase Committee Meeting of the Academic Committee to sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council Meeting of the Anti Ragging Cell	22	23
24	25	26	27	28	29 Meeting of the Scrutiny Committee for extension of 60-62 age for principal and teachers.	30 Exhibition of rare Photographs of Gandhi in South Africa (Department of Gandhian Studies)
31						

February 2016

◄	~ February 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6 Workshop Human Rights
7	8 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Merit Scholarship Selection committee	9	10 Lecture on Environmental Issues in India (Department of Gandhian Studies)	11 Meeting of the Departmental Committee for Ph.D. Bridge Course, M.Sc. Project, Seminar. (Department of Zoology)	12	13
14	15 Mock United Nations (Department of Political Science)	16	17 Competition for Graduation Students (YCSRD)	18	19	20 Meeting of the Purchase Committee

◄	~ February 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22 Meeting of the sanction financial grants to teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively.	23	24 Meeting of the Finance & Accounts Committee	25 Meeting to sanction financial grants to university and affiliated college teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Meeting of the Management Council	26 National Science Day : Book Exhibition Programme (Department of Library and Information Science)	27
28	29					

March 2016

◄		~ March 2016 ~				►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5 Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively.
6	7	8 Lecture on the occasion of "International Women's Day" (Department of Political Science)	9 Meeting of the Buildings & Works Committee	10	11 Meeting of the Departmental Committee for Workshop for the NET-SET. (Department of Zoology)	12 Yashwantrao Chavan Birth Anniversary (YCSRD)
13	14	15	16 Meeting of the I.Q.A.C. Committee	17	18	19 Meeting of the Purchase Committee Meeting of the Publication Committee to sanction Financial Grants for Publication of Ph.D. theses in the book form under UGC unassigned grants.

◄	~ March 2016 ~					►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
20 Guest Lecture (Department of Political Science)	**21**	**22**	**23** Meeting of the Management Council Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the Executive Committee (YCSRD)	**24** Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund	**25** Meeting of the sanction financial grants to the teachers for attending conference, seminar, workshop etc with in the country under the UGC unassigned grant and University funds respectively Meeting of the Merit Scholarship committee	**26**
27	**28**	**29**	**30**	**31** Meeting of the Senate		

April 2016

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Meeting of the API count committee College teachers	8 Meeting of the Departmental Committee for Theory Examination M.Sc. I & II. (Department of Zoology) Lecture on the occasion of International Women's Day (Department of Political Science)	9
10	11	12 Meeting of the Finance & Accounts Committee	13 Principal R. K. Kanbarkar Award Felicitation	14	15	16
17	18	19	20 Meeting of the Purchase Committee Meeting of the Academic Council	21 Meeting of the Equivalence Standing Committee	22	23

◄	~ April 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27 Meeting of the Management Council	28 Meeting of the Scrutiny Committee for extension of age 60-62 for teachers.	29	30

May 2016

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Meeting of the Buildings & Works Committee Meeting of the Changes in Staff Committee Placement camp for college teachers	5	6	7
8	9	10	11 Meeting of the Departmental Committee for Preparation of project proposals for different funding agencies. (Department of Zoology)	12	13 Meeting of the Finance & Accounts Committee	14 Meeting of the Faculty - Term End (Department of Botany)
15	16	17	18	19	20 Meeting of the Purchase Committee Meeting to fix the college / recognised institutions and speaker for the Lecture Series - under Donations and under University funds. Meeting of the Management Council	21
22	23	24	25	26	27	28

◄	~ May 2016 ~					►
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31				

Annexure-III
Best Practices

Best Practice : 1

1. Title of the Practice : Shivaji University Central Co-operative Consumers' Stores Limited, Vidyanagar, Kolhapur

2. Objectives of the Practice : Following are the objectives of the consumer stores.

i. To supply various goods needed by the university.
ii. To supply the educational materials to the students of university.
iii. To supply household provisions to families on and off university campus.
iv. To supply materials required by university departments for research, conferences and workshops.
v. To supply materials on demand to members of consumer stores.

3. The Context :

To achieve the goal of any institute, the supporting services play the equal role that of core. The institute like university, it has support services like consumer stores, hostels, printing press, student aid centre, international cell etc. One of the forefront support service which helps all the stakes of university such as administration, staff community for their daily business is consumer stores.

Shivaji University came in existence in 1962 in the historical city of Maharashtra as Kolhapur. Shivaji University has its goal to cater the academic needs of rural pupils who want to pursue their higher studies in various disciplines of Science, Commerce and Management, Humanities and Engineering and Technology. A beautiful campus located very close to Kolhapur city. It caters the academic needs of the students for their post-graduate and doctoral studies in the campus for almost 2500 both male and female students. It has also campus accommodation for academic and non academic staff.

In order to fulfil the daily domestic requirements of students and campus staff, the consumer store was started in 1967 in the university campus itself as per directives of UGC and Central Government of India. The infrastructure has been provided by the university and it run on nominal profit margin. At present it cater the needs of campus and off campus teaching and non teaching staff, students from boys and girls hostels, affiliated colleges, nearby government institutes.

4. The Practice :

Shivaji University Central Co-operative Consumer Stores has very special points to be noted such as -

1) The consumer stores has 7 permanent staff and 3 daily wages staff which include one General Manager, one Sr. Clerk, Four Jr. Clerks and one peon.
2) The consumer store has 439 lakhs turnover in 2015-16 and net profit of 2.76 lakhs.
3) Consumer store has a director body of 11 members which includes 6 directors nominated by Hon. Vice-Chancellor as A- class, 2 directors from affiliated colleges as B-class and 1

director from consumer stores operated by affiliated colleges as C- class. The general manager of consumer stores is an ex-officio member.

4) The director body has 5 years duration.
5) The total share capital of the consumer store is Rs. 41750/-.
6) The working of the store has been computerized.
7) Consumer stores gives due importance to its staff by providing Gratuity, accidental insurance, incentive from profit, loan facility along with their regular salary.
8) Consumer stores also does the philanthropic service as donating substantial amount to university R&D fund from its profit.

5. Evidence of Success :

The Stores supplies various goods and provisions at a commission of 3.5% to the Men's Hostel being run under the 'Earn and Learn' Scheme.

During 2015-2016,the Stores has earned a net profit of Rs.2,76,978/- on the turnover of Rs.4,39,17,299/-. The Stores' working capital stands at Rs 1.12 lakhs. The Stores has paid dividend to its members continuously for Ten years now. The Stores has paid a total sum of Rs.17,96,800/- to the University's Research and Development Fund.

Performance (Figures in Lakhs)

Year	Turnover	Gross surplus	Net surplus
2010-11	361	26.59	1.95
2011-12	369	28.36	2.41
2012-13	413	31.43	2.56
2013-14	430	34.27	2.61
2014-15	464	35.25	2.98
2015-16	439	34.72	2.76

6. Problems Encountered and Resources Required :

Following are some of the problems faced by Shivaji University Central Co-operative Consumer Stores.

i. Limited number of staff in the consumer stores.
ii. No vehicle for delivery of goods in the departments.
iii. Needs to have a departmental store.
iv. Limit of purchase is Rs. 25,000/- which is to be increased.
v. All purchases through consumer stores are not done by university.

Best Practice : 2

1. Title of the Practice: Rain Water Harvesting and Self Sufficiency in Pure Potable Water

2. Objectives of the Practice: Following are the Objectives of the Rain Water Harvesting and Self Sufficiency in the Pure Potable Water

i) To store the rain water in campus reserviors
ii) To make available sufficient good quality water for Laboratory Hostels, residents
iii) To use the recycled water for the gardens and campus plantation
iv) To make available pure and processed water of same quality to all stake holders on campus

3. The Context:

Shivaji University is a NAAC is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18 November, 1962 to fulfill the educational needs of the region. Having the sprawling area of 853 acres, campus development, nature conservation, biodiversity and beautification has been a focal concern of university. Initially, Rajaram lake on campus was a major source to meet it's water requirements. Kolhapur Municipal Corporation also served as an important source of potable water.

In the year 2015, the State of Maharashtra faced severe drought condition covering the western region of Maharashtra, including Kolhapur region with no exception to it. This paved way for everyone to think and act seriously about the water conservation strategies. Also increasing campus population (around 5000) covering the occupants of hostels, staff quarters, office and academic departments, have put forth the necessity for water storage at larger scale on the the campus. The daily consumption of potable water for campus is approximately 5 lacs liters. In order to meet this requirement and to provide sufficient clean water and to gain self sufficiency in water requirements, the projects like water conservation and rain water harvesting were thought upon. Also, to provide good quality water to all the stakeholders on campus, reverse osmosis system (R.O. System) was proposed and made functional.

Earlier, the university already had two small water reservoirs on campus to its credit. Among other water sources, seven wells can be included (constructed during the period from 1883 to 2015). However, these sources remained unexplored as far as water supply facilities are concerned. The university campus is divided by a highway of 100 feet, passing through it.

In the academic year 2015-16 due to drought situation observed in Maharashtram the Universities were directed and compelled to curtail the duration of academic session i.e. semester by a month. To overcome this problem and to make water available for the five thousand students, 100 families residing on campus the University authorities decided to take necessary steps.

4. The Practice:

The water resource management work was undertaken at different levels. These were creation of farm reservoirs, activating the wells on campus, channelizing water through

trenches on the campus to bring water into lakes and recycling of waste water from hostels for the purpose of maintenance of gardens.

The water resource management initiative resulted into creation of three farm reservoirs near well named as 'Sutar Vihir' region on campus. The association of the Directors of Physical Education from affiliated colleges and NSS volunteers contributed a lot in creation of these reservoirs.

Next initiative under this project was activating water channels of wells on university campus. University campus has seven wells, with limited access and use. Two wells were sedimented completely with no water at all. Therefore, while activating these wells, under water resource management, nearly 20 to 40 fts sludge was removed from them to channelize the water resources. This project went ahead smoothly and water resources got channelized in summer season, itself. After desedimentation, these wells are fenced with compound wall. The university incurred approximate expenditure of (desedimentation and construction) Rs. Six Lac on this project.

Third major step was taken to create trenches on campus to conserve and channelize rainwater sources to two reservoirs. Trenches of approximate, 2.5 km length were created without disturbing natural flow and direction of sources of water. University's continuous efforts started giving positive results from the very first rainfall itself. Gradually, the university was able to collect 30 crore liters of water on surface in addition to the underground storages by filtration.

Waste water management was undertaken by installing water recycling plant at hostel premises on main campus and hostel at Department of Technology. At present the recycled water is used for gardens, landscapes.

Also to provide good quality water to all stakeholders on campus a purification system with Reverse Osmosis Technology with capacity of one Lac litre per day is installed and filtered bottled water is supplied to all hostels, departments, administrative sections and residents in quarters on campus.

5. The Evidence of the Success

This year in the first month of rainfall i,e. In July, 2016 itself all water reservoirs on campus were filled their fullest capacity. Nearly 30 crore liters of water is stored which covers reservoirs namely Bhasha Bhavan lake (22 cr. 15 lac liters), Music Department lake (5 crore 20 lac liters), Sutar Vihir (4 lac liters), Sports Department well (4.87 lac liter), Chemistry Department well (3 lac liters), Synthetic track well (5 lac liter), Shinde well (3 lac liters), farm pond (35 lac liters).

The requirement of potable water is now fulfilled from the filteration plant with RO technology is installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs. With this reform, University is able to save around 72 lac rupees per annum on account of water bills. It has also assured pure water supply for hostels, residential quarters and laboratories. The university's water conservation drive also activated and channelized water levels of the borewells of the residents near the campus.

- Water storage on campus recorded history with nearly 30 cr. liters.

- From those reservoirs University uses 10 lac liters of water every day. At present 10 lac liters per day water is consumed from this reservoirs on university campus.
- The water purchasing from Kolhapur Municipal Corporation is totally stopped which resulted into saving of Rs. 6 lac per month.
- If rainfall continues with the same rate, University campus could be self-reliant for a complete year including forthcoming summer days.
- It is expected that university campus could be self reliant on these water resources throughout year.

6. Problems Encountered and Resources Required:
    1. Availability of skilled labour for desedimentation of the wells
    2. Safety and security of the visitors visiting the sites

Annexure – IV
Future Plans

Curriculum Related :

1) Outcome Based Modular Syllabus – Skill based.
2) Credit Based Choice System (CBCS) in UG classes
3) Delinking of regular courses to distance mode
4) Use of ICT
5) Masters Programme in M.Sc. (Carbon Management), Department of Film and Television, M.A. (Creative Literature)
6) Curriculum Development Council

I) Autonomous Status to Departments :

1) Department of Technology
2) Physics
3) Chemistry
4) Sociology
5) Economics
6) Management Unit
7) English
8) Marathi
9) YCSRD
10) Nano-Science and Technology

II) Research and Consultancy :

1) Subaltern Literature
2) Adjunct Faculty Scheme
3) Course on Academic Writing through Academic Resource Centre
4) Appointment of Dean, Research
5) Inter-Departmental MoUs
6) Rewards/Awards for the outstanding work of the faculty/administrative staff/students – Committee working on the same.
7) Research Park.

III) Support Services :

1) Brail Centre in Library
2) Employment Advisory Centre in association with FICCI, CII, NASSADAQ, ASSOCHEM.

IV) Orientation Programme :

1) Language Empowerment Programme – English, Hindi and Marathi to first generation students – Language Departments Meeting

V) Evaluation and Examination Reforms :

1) Establishment of UGC – Directorate of Programme Monitoring and Evaluation Board (PMEB)
2) Scheme of Any time Examination

VI) Infrastructure :

1) Maintenance of department buildings.
2) Future plan and use of land for academic purpose
3) A text to Speech Software (IAWS) and transport facility to disabled students (Library)
4) Solar Campus

VII) Weak Department Development Scheme

VIII) Provision of Sabbatical Leave

IX) Greening Shivaji University.