

2016-17

## **SHIVAJI UNIVERSITY KOLHAPUR (M.S.)**

### **INTERNAL QUALITY ASSURANCE CELL**

#### **Training Program for Administrative Staff on Stress Management**

Internal Quality Assurance Cell (IQAC) has plans for training of teaching and non-teaching staff of the university. These initiatives are apart from those of UGC level training programs.

The good work environment is essential for the quality of work and life. In this view point, the IQAC take initiatives in arranging the staff training program for the staff.

The workshop on Stress Management was organized on 30<sup>th</sup> July 2016. The experts from Bahai Organization, Pachgani was invited to deliver the lectures. The university staff has also contributed in the program.

The following topics were delivered during the workshop;

self-management,

time management,

inter-personal relationship,

meditation,

Conflict management, etc

The practical sessions were conducted on meditation and inter-personal relationship.

The workshop was organized including the group work and individual work.

The participants did enjoy the workshop and there was good response from the participants.

The 93 staff members of the university attended the workshop.

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**Prof. (Dr.) R. K. KAMAT**  
Director  
Internal Quality Assurance Cell (IQAC),  
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INTERNAL QUALITY ASSURANCE  
CELL (IQAC)  
&  
FINANCE AND ACCOUNTS  
DEPARTMENT  
SHIVAJI UNIVERSITY  
KOLHAPUR



ONE DAY WORKSHOP ON  
“FINANCIAL  
INFORMATION & QUALITY  
MANAGEMENT FOR  
RESEARCH PROJECTS”

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DATE:





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## WORKSHOP REPORT

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Financial sustainability is one of the key challenges for Higher Education Institutions. Moreover the quality issues more or less depends on the efficient finance and account system of the University. Finance and Accounts System of Shivaji University pioneers in developing the Accounts Code which is followed by all the State Universities in Maharashtra. However the stakeholders mainly the HODs, Project Investigators and Technical staff are not completely aware of this sytem which is been automated. In this context IQAC hosted this workshop to make the HODs, Faculty Members and other staff to spread awareness about the computerized Finance and Accounts System so that they can use it efficiently mainly for the research projects. The resource persons for the said workshop was Finance and Accounts Officer Shri A. B. Chougale. His colleagues demonstrated functioning of the system.



### Objectives of the Workshop:

- To demonstrate the web based system for maintaining records of receipt and payment for research projects.
- To generate reports in prescribed format according to University Act & Account Code and proper accounting method.
- To Utilization Statements for the research projects.

### Summary of discussions:

Finance and Accounts system is useful for planning, organizing, controlling, monitoring and evaluating the financial resources of an university. It gives proper budgetary control. It generates various reports. The hands on session demonstrated:

- Access to real-time information of financial transactions of research projects.
- Better decision-making by checking the remaining amount in the respective budget head.
- Transparency of information and ease of auditing.
- Integration of financial management into other dept applications.
- Regular Annual Account submitted to the Government within time limit
- Information regarding income and expenditure can be generated at any time.
- Closing of accounts on last day of financial year.

The question answer session cleared most of the doubts of the participants.

**CERTIFIED**

  
REGISTRAR  
Sriwaji Unaversty,  
Kolhapur.

# SHIVAJI UNIVERSITY KOLHAPUR (M.S.)

## INTERNAL QUALITY ASSURANCE CELL

### Workshop on New Education Policy-2016 (Draft)

The government of India is coming with New Education Policy. The MHRD, UGC emphasis on conducting the number of workshop to obtain the feed-back as well as creating the awareness amongst the stakeholders, in the same spirit, the university took lead in organizing number of workshops in the university region.

The IQAC took initiative and the workshop was organized on 10<sup>th</sup> March 2016.

Hon. Vice-Chancellor lay down the footprint of the National Education Policy. He presented the linkages within the school system and higher education system.

The following chapters were discussed in the workshop.

- Teacher recruitment
- The institutional restructuring
- ICT in education
- Optimal learning environment
- Faculty appraisal system
- The pattern of institutes in future
- Affiliated v/s Autonomous colleges, etc

The delegates have shown keen interest in the autonomy of institute as well as the future of technical institute in its type and nature. The pros and cons were discussed at length.

The workshop attended by 173 faculty members of the university.

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22 Aug. 2015  
to 30 Aug. 2015

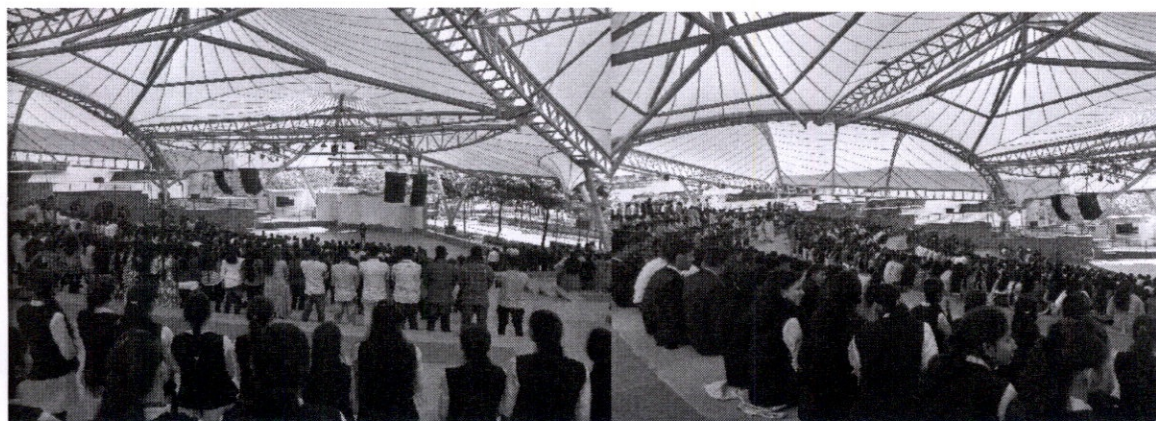
## Shivaji University, Kolhapur

### Centre for Skill and Entrepreneurship Development

#### Trainers Training – Infosys Mysore

One of the most admired and remained successful event of CSED and IQAC Cell Shivaji University, Kolhapur was The 'Teachers Training' program at Infosys, Mysore. The program was implemented as 'Project Genesis – Global Business Foundation Skills – A faculty Development program' in collaboration with "CSED, Shivaji University" and "Infosys BPO at Mysore". The entire program was designed under the guidance of Hon' Vice Chancellor Prof. Devanand Shinde. He imparted an inspiring guidance to the team of 180 teachers working within different affiliated colleges of the university. He addressed the participants of the program and stated the importance of skill building, entrepreneurship development. He emphasized that a teacher should get imbibed with different skills and provide training to the students. He further emphasized that the teachers should take this training program very seriously and help in bringing the university to the new heights in skill development. The team of 180 enthusiastic teachers traveled to a beautiful campus of Infosys, Mysore under able leadership of Prof. A. M. Gurav and Prof. Dr. R. K. Kamat. Within eight days of stay in Infosys campus the teachers went through and enjoyed rigorous training. Highly expert corporate skill trainers imparted this training. This training was imparted in the areas of communication skills, languages, analytical skill, interpersonal relationships, employability, interview techniques, management and marketing skills, product design, problem solving skills, etc. This activity updated the teacher in their skills and abilities.

#### Photos of Industrial Visit



  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**Internal Quality Assurance Cell (IQAC)**

**Report on the Brainstorming Workshop**

**“New Education Policy-2016: Faculty Development in Higher Education”**

**Venue: Rajarshi Shahu Senate Hall, Shivaji University, Kolhapur**

**Date: October 3, 2016**

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**Contents**

- Foreword .....2
  - Details of the Stakeholders Participated in the Workshop .....4-15
  - Key Note Address by: Prof.(Dr.) Varun Sahni, Vice-Chancellor,  
Goa University, Goa .....17-18
  - Presidential Address: Prof.(Dr.) Devanand Shinde,  
Vice-Chancellor, Shivaji University, Kolhapur.....20-23
  - Inputs by various stakeholders ..... 24-44
  - Epilogue .....46-47
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**REGISTRAR**  
**Shivaji University,**  
**Kolhapur.**

## Foreword



The 21<sup>st</sup> century which is regarded as the Knowledge era is embraced by the new forms of Teaching-Learning. With the technological advancements entering into the higher education paradigm, we have firmly entered into the technology based teaching learning. Today we employ tools such as learning management systems, digital learning resources and eBooks and also engage in online discussions, conferencing, and collaborative authoring. More, we have embraced online video, virtual reality, 3D printing, and much more. Our faculty is striving hard to perform, albeit most of them been technology migrant trying to deliver their best to the young learners who are basically technology born. Experts in the field of Higher Education, traditionally thought of the role of faculty as having three parts: the teaching part, where they share their knowledge and expertise through classes, books and resources; the supportive part, where they coach and mentor individuals through the non-cognitive challenges they face; and the assessment part, where they observe student progress and make recommendations for recognition or remediation.

In the backdrop of the forthcoming National Policy on Education, Government of Maharashtra had entrusted a very significant role in perceiving the inputs of the stakeholders on the theme “Faculty Development in Higher Education”. A brainstorming workshop on the above mentioned theme was organized at Shivaji University, Kolhapur on October 3, 2016 wherein 253 participants actively participated and shared their views. A gist of there perceptions is presented in the form of present report which I am sure will definitely showcase the aspirations of the stakeholders on the most pertinent issue of “Faculty Development in Higher Education”. I thank one and all who participated in the brainstorming workshop and deliberated on this issue of ever increasing importance.

Professor Devanand Shinde  
Vice-Chancellor  
Shivaji University, Kolhapur







Prof. Devanand Shinde felicitating the Key Note Speaker Prof. Varun Sahni, Vice-Chancellor, Goa University, Goa



Stakeholders participated in the Workshop



## Details of the Stakeholders participated in the Workshop

**Place : Rajarshi Shahu Senate Hall**

Sr.No.	Name	Organization	Designation
1.	Prof. (Dr.) Devanand B. Shinde	Shivaji University, Kolhapur	Vice-Chancellor
2.	Prof. (Dr.) Varun Sahni	Goa University, Goa	Vice-Chancellor
3.	Prin. (Dr.) D. R. More	Shivaji University, Kolhapur	Director, BCUD
4.	Prof. (Dr.) R. K. Kamat	Shivaji University, Kolhapur	Director, IQAC
5.	Dr. R. V. Gurav	Shivaji University, Kolhapur	Director, DSW
6.	Dr. (Smt.) P. S. Patankar	Shivaji University, Kolhapur	Professor & Head
7.	Dr. V. J. Dhere	Shivaji University, Kolhapur	Asstt. Registrar, IQAC
8.	Shri M. J. Patil	Shivaji University, Kolhapur	Superintendent, IQAC
9.	Shri D. V. Yadav	Shivaji University, Kolhapur	Jr. Assistant, IQAC
10.	Dr. S. P. Bandiwadkar	R.B.M. College, Chandgad	Director. KSM, Chandgad
11.	Dr. M.S. Vaswani	Deptt. of English, Shivaji University, Kolhapur	Asstt. Professor
12.	Mr. Dipak Bhadale	Deptt. of English, Shivaji University, Kolhapur	Asstt. Professor
13.	Dr. S. T. Bhosale	V.P. Institute of Management Studies & Research, Sangli	Asstt. Professor
14.	Dr. A. V. Moholkar	Deptt. of Physics, Shivaji University, Kolhapur	Asstt. Professor
15.	Dr. Tripti Karekatti	Deptt. of English, Shivaji University, Kolhapur	Assitt. Professor
16.	Dr. N. V. Chitnis	Deptt. of Music & Dramatics, Shivaji University, Kolhapur	Professor & Head
17.	Prof. P. A. Attar	Deptt. of English, Shivaji University, Kolhapur	Professor
18.	Dr. A. M. Sarwade	Deptt. of English, Shivaji University, Kolhapur	Asstt. Professor
19.	Ganesh K. Devkar	SGMCP, Mahagaon	Asstt. Professor
20.	Prof. S. H. Thakar	Deptt. of Mathematics, Shivaji University, Kolhapur	Professor

21.	Mr. S. S. Kumbhar	Deptt. of Mathematics, Shivaji University, Kolhapur	Asstt. Professor
22.	Prin. H.Y. Karande	Mahila Mahavidyalaya, Karad	Principal
23.	Dr. A. K. Sahoo	Deptt. of Food Science & Tech., Shivaji University, Kolhapur	Asso. Professor
24.	Prof. J. P. Bhosale	Deptt. of Mathematics, Shivaji University, Kolhapur	Associate Professor
25.	Prof. S. J. Patil	Deptt. of Mathematics, Shivaji University, Kolhapur	Associate Professor
25.	Dr. M. T. Gophane	Deptt. of Mathematics, Shivaji University, Kolhapur	Associate Professor
26.	Shri A. G. Bhale	CSSEIP, Shivaji University, Kolhapur	Asstt. Professor
27.	Dr. Jay S. Bagi	Deptt. of Technology, Shivaji University, Kolhapur	Director
28.	Prin. Dr. S.Y. Kotmire	Shivraj College, Gadhinglaj	Principal
29.	Prin. Dr. M. R. Patil	Dr. Ghali College, Gadhinglaj	Principal
30.	Dr. N. C. Mali	YCSR, Shivaji University, Kolhapur	Asstt. Professor
31.	Dr. J. B. Patil	Kamala College, Kolhapur.	Principal
32.	Ms. S. S. Mitragotri	Deptt. of Mathematics, Shivaji University, Kolhapur	Asstt. Professor
33.	Dr. Pravin Chougule	D.R. Mane College, Kagal	Principal
34.	Dr. Sachin A. Kamble	R.S.B. College, Aundh	Asstt. Professor
35.	Mr. Umesh B. Gaddekar	YCSR, Shivaji University, Kolhapur	Asstt. Professor
36.	Ms. Kavita S. Vadrale	YCSR, Shivaji University, Kolhapur	Asstt. Professor
37.	Prof. S. S. Kalekar	Deptt. of Chemistry, Shivaji University, Kolhapur	Professor
38.	Dr. Swaroopa Patil	Deptt. of Botany, Shivaji University, Kolhapur	Asstt. Professor
39.	Dr. Ratyani Pawar	Deptt. of Botany, Shivaji University, Kolhapur	Asstt. Professor
40.	Dr. Niranjana Chavan	Deptt. of Botany, Shivaji University, Kolhapur	Professor





41.	Smt. Sunita P. Patil	Smt. R.N.P.Kanya Mahav idyalaya, Sangli	HOD, English
42.	Dr. P. V. Kadole	DKTE, Ichalkaranji	Principal
43.	Dr. R. U. Sankpal	Centre for Distance Education, Shivaji University, Kolhapur	Co-ordinator
44.	Dr. N. S. Randive	Centre for Distance Education, Shivaji University, Kolhapur	Co-ordinator
45.	Dr. Rahul B. Patil	Y.P. Science College, Solankur	Coordinator
46.	Shri Mahesh V. Chavan	Centre for Distance Education, Shivaji University, Kolhapur	Project Fellow
47.	Mrs. S. M. Nirmale	Sou. M.R. Jagtap Mahila Mahavidyalaya, Umbraj	Associate Professor
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49.	Dr. S. S. Nikte	Vishveshwarya Technical Campus, Patgaon, Miraj	For Director
50.	Dr. R. S. Nilpankar	Arts College, Kowad	Principal
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53.	Miss Kavita Mane	MCA (Science) Part-I , Shivaji University, Kolhapur	Student
54.	Miss Rajashree B. Kumbahr	MCA (Science) Part-I , Shivaji University, Kolhapur	Student
55.	Shri Kunal Sambhaji Khot	MCA (Science) Part-I , Shivaji University, Kolhapur	Student
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61.	Shri Bhogan Vishal Ajit	MCA (Science) Part-I , Shivaji University, Kolhapur	Student
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131.	Prof. K. Y. Rajpure	Deptt. of Physics, Shivaji University, Kolhapur	Professor
132.	Dr. B. V. Chougule	Arts, Commerce & Science College, Gadhinglaj	Principal
133.	Dr. P. R. Patil	R.B. Madkholkar Mahavidyalaya, Chandgad	Principal
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140.	Dr. A. M. Mulla	Annasaheb Dange College of Engineering, Ashta	Principal





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147.	Shri C. K. Galare	YCSR D, Shivaji University, Kolhapur	Asstt. Professor
148.	Shri G. J. Salunkhe	YCSR D, Shivaji University, Kolhapur	Asst. Director/Asstt. Professor
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152.	Shri S. G. Ghane	Deptt. of Botany, Shivaji University, Kolhapur	Asstt. Professor
153.	Dr. S. M. Maner	Kakasaheb Chavan College, Talmavale	Principal
154.	Shri V. S. Patil	Vitthal Patil College, Kale	Principal
155.	Dr. B. A. Khot	Shri Venkatesh College, Ichalkaranji	Principal
156.	Dr. Anil Patil	S. M. Dr. Bapuji Salunkhe College, Miraj	Principal
157.	Shri N. D. Sasane	Publication Section, Shivaji University, Kolhapur	Asstt. Superintendent
158.	Smt. Swati M. Pandhare	Deptt. of Computer Science, Shivaji University, Kolhapur	Student
159.	Prof. K. D. Sonawane	Dept. of Biochemistry/Microbiology, Shivaji University, Kolhapur	Faculty
160.	Dr. S. R. Waghmare	Dept. of Microbiology, Shivaji University, Kolhapur	Assist. Professor



161.	Dr. Najem H. Nadaf	Deptt. of Microbiology, Shivaji University, Kolhapur	Faculty
162.	Shri V. Y. Dhupdale	Deptt. of Law, Shivaji University, Kolhapur	Asstt. Professor & I/c Head
163.	Dr. V. K. Naik	Adarsh Inst. of Tech. & Resea., Vita	Principal
164.	Shri Sudhir M. Arati	AITRC, Vita	Dean
165.	Dr. S. Y. Hongekar	Raje Ramrao Mahavidyalaya, Jath	Principal
166.	Prin. S. S. Gavali	Yashwantrao Chavan (KMC) College, Kolhapur.	Principal
167.	Shri S. N. Mirashi	Kolhapur	Activist
168.	Capt. Dr. N. P. Sonaje	Centre for Distance Education, Shivaji University, Kolhapur	Ag. Director
169.	Dr. N. R. Barad	Deptt. of Nanoscience, Shivaji University, Kolhapur	A.P.
170.	Dr. P. V. Anbhule	Deptt. of Chemistry, Shivaji University, Kolhapur	Associate Professor
171.	Adv. Madhavi S. Sarvade	Deptt. of Law, Shivaji University, Kolhapur	Contributory Teacher
172.	Smt. Yadav Anuradha S.	Deptt. of Law, Shivaji University, Kolhapur	Student
173.	Smt. Naikwadi Reshma	Deptt. of Law, Shivaji University, Kolhapur	Student
174.	Shri Bhosale Ravikiran S.	Deptt. of Law, Shivaji University, Kolhapur	Student
175.	Dr. Nivas B. Jadhav.	R.S.C. College, Mahagaon	Principal
176.	Dr. D. D. Kurlapkar	S.B. Khade Mahavidyalaya, Koparde	Principal
177.	Dr. S. D. Delekar	Deptt. of Chemistry, Shivaji University, Kolhapur	Associate Professor
178.	Mr. S. N. Tayade	Deptt. of Chemistry, Shivaji University, Kolhapur	Asstt. Professor
179.	Dr. D. T. Shirke	Deptt. of Statistics, Shivaji University, Kolhapur	Professor
180.	Dr. N. V. Shahaq	Anandi Arts, Comm. & Science College, Gaganbawada	Principal
181.	Shri Shete Shivprasad	N. D. Patil Night College, Sangli	Asstt. Professor
182.	Shri Rajendra Chavan	Deptt. of Education, Shivaji University, Kolhapur	UGC-NET SRF





183.	Dr. P. B. Chougule	Venutai Chavan College, Karad	Ag. Principal
184.	Smt. Nandini Ganpati Kale	Smt. M.G. Kanya Mahavidyalaya, Sangli	Asstt. Professor
185.	Mrs. J. R. Thomake	Deptt. of Mathematics, Shivaji University, Kolhapur	Asstt. Professor
186.	Mr. P. B. Patil	K.H. College, Gargoti	Asstt. Professor
187.	Dr. M. S. Pawar	K. H. College, Gargoti	Asstt. Professor
188.	Shri Vinod Barale	K.H. College, Gargoti	Asstt. Professor
189.	Mrs. N. J. Kotmire	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
190.	Dr. V. A. Sawant	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
191.	Mrs. R. J. Deshmukh	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
192.	Shri U. A. Kadam	Seminar Section, Shivaji University, Kolhapur	Asstt. Superintendent
193.	Dr. Yojana V. Jugale	Hon. Shri Annasaheb Dange College, Hatkanangle	Principal
194.	Dr. Manasi Shirish Patil	Sadguru Gadage Maharaj College, Karad	Asstt. Professor
195.	Dr. R. Narayana	Shahaji Law College, Kolhapur.	Principal
196.	Dr. Pravinkumar D. Patil	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
197.	Dr. Bhimrao Dnyanu Patil	Dr. Patangrao Kadam Mahavidyalaya, Sangli	Asstt. Professor
198.	Shri Ram B. Tupe	Shivaji University, Kolhapur	Sr. Assistant
199.	Shri Shashikant Salunkhe	Shivaji University, Kolhapur	Sanitary Inspector
200.	Prin. R. M. Kurlapkar	Smt. K.R.P. Kanya Mahavidyalaya, Islampur	Principal
201.	Dr. D. J. Shetti	Smt. K.W. College, Sangli	Asstt. Professor
202.	Mr. S. J. Aher	B.V.N.L.College, Sangli	Asstt. Professor
203.	Dr. B. M. Rathod	Jaysingpur College, Jaysingpur	Ag. Principal
204.	Dr. G. J. Fagare	Smt. G.R. Ghodawat Kanya Mahavidyalaya, Jaysingpur	Principal
205.	Shri A. B. Kolekar	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
206.	Dr. P. B. Dandge	Shivaji University, Kolhapur	Asstt. Professor

207.	Dr. H. B. Patil	Vivekanand College, Kolhapur	Principal
208.	Shri Shrijeet K. Patil	Shivaji University, Kolhapur	Student
209.	Shri Dalavi Vishal N.	Shivaji University, Kolhapur	Student
210.	Shri Kumbhar Vaibhav R.	Shivaji University, Kolhapur	Student
211.	Shri Akshay B. Gaikwad	Shivaji University, Kolhapur	Student
212.	Shri S. T. Parit	Shivaji University, Kolhapur	Jr. Assistant
213.	Shri K. S. Gandas	Kolhapur.	Student
214.	Dr. R. V. Gurav	Shivaji University, Kolhapur	Director, DSW
215.	Dr. K. D. Pawar	Deptt. of Nanoscience, Shivaji University, Kolhapur	Asstt. Professor
216.	Mr. A. R. Minchekar	YCSR, Shivaji University, Kolhapur	Asstt. Director
217.	Mr. Sudhir Desai	YCSR, Shivaji University, Kolhapur	Asstt. Director
218.	Mrs. S. S. Kharade	Computer Science, Shivaji University, Kolhapur	I/c Director
219.	Mr. Mahesh S. Salunkhe	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
220.	Miss Phadatare Dhanashree Maruti	Deptt. of Law, Shivaji University, Kolhapur	Student
221.	Dr. J. B. Pisthe	G.K.G. College, Kolhapur	Principal
222.	Dr. B. M. Ladgaonkar	Vithalrao Patil Mahavidyalaya, Kale	Principal
223.	Shri Shitole Abhijeet S.	Deptt. of Law, Shivaji University, Kolhapur	Student
224.	Shri Sutar Sunil	Deptt. of Law, Shivaji University, Kolhapur	Student
225.	Shri V. B. Sakate	Deptt. of Law, Shivaji University, Kolhapur	Student
226.	Shri P. T. Goyal	CSD, Shivaji University, Kolhapur	Asstt. Professor
227.	Shri K. G. Khrade	CSD, Shivaji University, Kolhapur	Asstt. Professor
228.	Dr. P. D. Nare	Night College, Ichalkaranji	Principal
229.	Shri V. P. Bhosale	YCSR, Shivaji University, Kolhapur	Asst. Director/Asstt. Professor
230.	Dr. Supriya Patil	Deptt. of Education, Shivaji University, Kolhapur	UGC Post Doctoral Fellow
231.	Shri Sanjay Shankar Sutar	Kakasaheb Chavan College, Talmavale	Associate Professor



232.	Smt. Sujata S. Chopade	K.B.P. College, Islampur	Asstt. Professor
233.	Dr. D. M. Mulla	M.M. Arts & Commerce College, Khanapur, Belgaum	Asstt. Professor
234.	Dr. Sushil Kumar	S.P.S. College of Education, Sangli	Asstt. Professor
235.	Dr. Praveen K. Jadhav	Tilak Maharashtra Vidyapeeth, Pune	Asstt. Professor
236.	Dr. Krishnat R. Patil	Dr. D.Y. Patil College of Education, Gargoti	Asstt. Professor
237.	Dr. Pratap Patil	Warana Mahavidyalaya, Aithwade, Sangli	A.M.
238.	Shri R. Y. Satpute	Shivaji University, Kolhapur	
239.	Dr. M. S. Hujare	D.K. ASC College, Ichalkaranji	Principl
240.	Mr. D. M. Nangare	Deptt. of Technology, Shivaji University, Kolhapur	Asstt. Professor
241.	Shri Gajanan S. Kumbhar	Tilak Maharashtra Vidyapeeth, Pune	Asstt. Professor
242.	Prof. K. M. Garadkar	Deptt of Chemistry, Shivaji University, Kolhapur	Professor
243.	Shri K. D. Kamble	Shivaji University, Kolhapur	Sr. Assistant
244.	Dr. A. D. Kumbhar	Sadashivrao Mandlik Maha., Murgud	Principal
245.	Prof. I. S. Ritapure	Govt. College of Pharmacy, Karad	Lecturer
246.	Shri Mohan R. Kamble	Deptt. of Political Science, Shivaji University, Kolhapur	Student
247.	Shri V. S. Shendage	Deptt. of Hindi, Shivaji University, Kolhapur	Research Student
248.	Shri S. V. Shikhare	Shri Shahaji Chh. College, Kolhapur.	Asstt. Professor
249.	Dr. P. R. Shewale	D.D. Shinde Sarkar College, Kolhapur.	Principal
250.	Shri Patil S. P.	LL. M. Part-I, Deptt. of Law, Shivaji University, Kolhapur	Student
251.	Shri Dipak Kashid	Eligibility Section, Shivaji University, Kolhapur	Sr. Assistant
252.	Shri S. V. Kotkar	BOS Section, Shivaji University, Kolhapur	Sr. Assistant
253.	Shri Y. D. Dalavi	Lapses Exam. Section, Shivaji University, Kolhapur	Jr. Assistant.







**Key Note Address by Professor Varun Sahni, Vice-Chancellor, Goa University**



**Presidential Address by Professor Devanand Shinde, Vice-Chancellor, Shivaji University**



**Key Note Address by Professor Varun Sahni, Vice-Chancellor, Goa University**

The role of technology in the economic progress of a nation is well recognized and appreciated, efforts are being made globally to develop technology strengths and make the industries competitive, for well-rounded development of the society. The developing countries specially have shown a marked rise in the pace of economic growth in recent years with focus on Science, Technology & Innovations. If the trends available are to be believed, there is likely to be a shift in economic power towards the third world countries in the 21st century. Prof. Varun Sahni welcomed the issue of faculty development taken up in the Technology Vision 2035 (Educational Technologies) by DST TIFAC. He appreciated TIFAC on including Education as a sector to focus on, as it cuts across all other sectors being covered under the exercise. He remarked that 2035 would be 200 years of Macaulay's Minute on Education- a document that, for better and for worse, has had a determining impact on (a) the content and methodology of what has been and is being taught in Indian educational institutions and (b) the medium of instruction through which these have been and continue to be taught. TV 2035 exercise gives us an opportunity to assess where are and would be, in terms of both education and technology. We can capitalize on the opportunity to think afresh and aloud to draw contours of an education system befitting India of 2035.

Changes in the global economic scenario, growing aspirations of Indian population for better living and the fact that India would be a developed nation by 2035, have challenged TIFAC to delineate a Vision for the country. Having commended Technology Vision 2020 in the 1990s to catapult India into the league of developed countries, TIFAC has now geared-up itself to deliver Technology Vision 2035 for India.

He stressed that to be prepared on a consultative framework, the Technology Vision 2035 would take into account our capabilities and competitiveness, accommodate regional aspirations, priorities & disparities and placed as a referential document. The vision, it is



hoped, will inspire and prompt the stake-holders across the spectrum to chart technological trajectories through subjective interpretations.

He kicked-off the deliberations by pointing out that for such an exercise mere linear extrapolation of the situation as it exists today with some tweaking may not give us the right scenario. The exercise expects us to see where India would be by 2035 and also how would we like it to be. Hence, visioning and not forecasting the Education and Technologies for the sector, is the mandate for such a workshop. He requested the stakeholders to tender their views on the subject and also the scope of New Education Policy to incorporate the Educational Technologies at length.



Prin (Dr.) D.R. More, Director, BCUD expressing his views



### **Views expressed by Prin.(Dr.) D.R. More**

Prin.(Dr.) D.R. More presented an overview and background of the New Education Policy. He briefly covered other policy events in Indian education which had significant impact, akin to the Act of 1835. In 1948-49, the Radhakrishnan Commission submitted its report on higher education, focused on the expansion and improvement of higher education. This was very important for a newly independent nation, to work towards the ideals of a good society as articulated in the Constitution, and the practical needs of governance and economic growth. Soon after, in 1952, a similar function was performed by the Mudaliyar Commission, for secondary education. While action was taken on the basis of the reports of both these commissions, no formal comprehensive policy was formulated.

The definitive education policy event for India was the Kothari Commission of 1964-66, which led to the Education Policy of 1968. The commission's mandate was "to advise the government on the national pattern of education and on the general principles and policies for the development of education at all stages and in all aspects". The commission went through a remarkable two-year process of deep and widespread investigation, consultation and deliberation before submitting its report. The government then, in turn, went through a similar process of deep deliberation and wide consultation, before coming up with the Education Policy of 1968 (EP 68), based on the report. J.P. Naik, a central figure in Indian education history, was the member secretary of the commission. The Union government began a series of nation-wide discussions in 1985, based on a document called Challenges in Education, which was a frank assessment of the state of Indian education. These discussions formed the basis for the New Education Policy 1986 (NEP 86). Philosophically and directionally it developed on the foundation of EP 68. NEP 86 was actually finalized as a policy only in 1992, after a review by two committees appointed by two successive governments. It continues to be the basic policy framework within which Indian education operates.



**Presidential Address by Vice-Chancellor Prof. (Dr.) Devanand Shinde**

Professor Devanand Shinde welcomed Prof. Varun Sahni, Vice-Chancellor of Goa University, Goa, other dignitaries on the dais, Principals of various colleges and other stakeholders. At the outset, he focused on the most pertinent issue i.e. why at all we should have New Education Policy? According to the Federation of Indian Chambers of Commerce and Industry-Ernst & Young (FICCI-EY) report on higher education in India, the year 2030 marks 20 years of accelerated educational reforms in the country. Despite remarkable strides of progress, India's higher education institutions are not yet the best in the world. Demographically, by 2030, India will be the youngest nation in the world and will be the largest contributor to the global workforce. To take advantage of the demographic dividend and to have effective investments in its human capital, India needs to have a futuristic and holistic approach in its educational planning. Therefore our Government is really striving hard to come out with New Education Policy which will be apt for the new era wherein the knowledge is exponentially being created and becoming obsolete. Once we get convinced about the "Why" then comes "What are the challenges in reframing the New Education policy".

Interestingly, the four fundamental disruptions capable of rewriting the world economy's operating system are the age of urbanization, accelerating technological change, responding to the challenges of an ageing world, and greater global connections. These inevitable disruptions require our teachers, management of the colleges and institutes of higher learning, and leaders at all levels to reset their operating assumptions and management intuition. India with its 750 universities, 47,000 colleges and 40 million students must wake up to these realities when we design our new education policy. By 2030, the Gross Enrolment Ratio must increase to 50 per cent from the current 23. The possibilities of the private sector with its 62 per cent contribution in the education sector should be fully explored. Public-Private Partnership models also could be effectively applied wherever possible to harness the strengths of both public and private sectors. By 2030, India will have the potential to be a leader in the global education scenario. It is





expected that by 2030, one million foreign students will be studying in world-class universities in India and two million international students in Indian universities abroad. In this backdrop, it is really challenging to put in place a policy which will satisfy the diversified range of stakeholders having multifaceted objectives. After reviewing the “WHY” and “WHAT”, its time to look into “HOW it is being done?” i.e. “HOW?”

In September 2015, member states of the United Nations adopted the 17 Sustainable Development Goals (SDGs) as the basic framework for improving the well being of the planet's citizens. SDG4 proposes equal and inclusive education for all. It is an ambitious goal, and its success is closely linked to the effective implementation of SDG16 which focuses on the promotion of peaceful and inclusive societies and most relevantly, on building effective and accountable institutions at all levels. For these goals to be realized, it is critical that all stakeholders, in particular, the students be made part of the process right from the start. I am really proud to share that our government of India is ahead of the curve. The ministry of human resources and development (MHRD) initiated the New Education Policy (NEP) at the beginning of 2015 and unlike previous such exercise, a bottom-up approach was formulated. A combination of an online portal supported by on-site focus discussions has been implemented in an attempt to reach out to as many stakeholders as possible. For the first time, the Government of India is embarking on a time-bound grassroots consultative process, which will enable the Ministry of HRD to reach out to individuals across the country through over 2.75 lakh direct consultations while also taking input from citizens online. As on 29.02.2016, the Status of NEP Consultation Meet are

- State Level Consultation - 36
- District Level Consultation - 669
- Urban Local Body Level Consultation - 4027
- Block Level Consultation - 3250/6620
- Village Level Consultation - 244252

The present workshop is also a part of the same to convey our views regarding the New Education Policy to the Government of India.

After exploring the “WHY, WHAT & HOW” of the New Education Policy, I want to deliberate on today’s theme i.e. “Faculty Development in Higher Education”.

Literature on Higher Education reveals the most commonly used definition of faculty development. “The term ‘faculty development’ is commonly used to describe activities and programs designed to improve instruction”. More recently, the term ‘academic development’ has been used in some of the literature to refer to development activities and programs that more fully address the multiple roles of faculty such as instructor, researcher, citizen and scholar within departments, faculties and the wider university community.

As Far as this workshop is concerned, he requested all the stakeholders to brainstorm on the four possible types of developments and nine main challenges which I will be covering in the concluding part of my talk.

Four possible types of development and their related attributes one can explore are as follows:

- 1 personal (i.e. interpersonal skills, career development, and life planning issues);
- 2 instructional (i.e. course design and development, instructional technology);
- 3 organizational (i.e. ways to improve the institutional environment to better support teaching);
- 4 professional (i.e. ways to support faculty members so that they fulfill their multiple roles of teaching, research, and societal extension)

In the context of the types of development, I feel following challenges are lying in front of us as far as the faculty development is concerned:

- 1 Fiscal Constraints and Calls for Accountability
- 2 Increasing Diversity of Students.



- 3 The Opportunities and Challenges of Technology
- 4 Managing Multiple Roles and New Responsibilities
- 5 Supporting Student Learning
- 6 Integrating Technology into Teaching, Learning, and Research
- 7 Leadership and Management
- 8 Changes in Faculty Characteristics and Shifts in Appointment Patterns which is coming very soon

He appealed that the participants will discuss on all the above said as well as other pertinent issues in this workshop.

Prof. Shinde concluded his speech with Mahatma Gandhi's vision of Higher Education. Mahatma Gandhi whose birth anniversary we celebrated yesterday was always focused on an all-round education, not just literacy. He stressed on the development of the students as a whole, not just the mind. In his words he quoted: "By education, I mean an all-round drawing of the best in child and man in body, mind and spirit".

### Views Expressed by Other Stakeholders

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Prin. Hindurao Patil expressing his views

(1) The first suggestion is that in Primary Education system, the faculty should acquire diploma in education that is D.Ed. in secondary and higher secondary education system the faculty should have acquire Bachelor of Education that is B.Ed. or D.H.E. UPSC and MPSC qualified officers undergo foundation training courses at Masoori, Dehradun, or Yashada, Pune before joining their duties, but in Higher Education there is no any such type of mandatory skill based degree or diploma course or teaching skill training before joining. Some suggestion is that there should be teachers training regarding teaching techniques and skills. The faculty in higher education may be very good in his/her knowledge but he or she may not be good teacher. For this purpose the said training should be mandatory. Refresher courses or Orientation courses are



inappropriate for this purpose. The responsibility of this type of training maybe given to DOPT that is Department of Personal Training, Govt. of India.

(2) My second suggestion is that there may be training academies in every university to train and to update the-teacher's knowledge and teaching skills after every year. This training may be of a period of eight days and responsibility of this training should be shouldered by the respective university.

(3) My third suggestion is that there should be systematic mechanism of assessment of academic performance and academic accountability in the higher education. The system may be set by UGC or NAAC or AIUA.

(4) My fourth suggestion is that while selecting principal, Director or Vice Chancellor only academic qualification, API, Research Work are taken into consideration but it is not appropriate. The good academician or the good researcher may not be good administrator so while selecting Principal, Director or Vice Chancellor, his other administrative qualities should be considered.

(5) My fifth suggestion is that there should be leadership development centres in every university or group of universities for Principals, Directors of the Higher Education centres.

(6) My sixth and last suggestion is that there should be training workshops for the faculty members regarding how to design curriculum and how to develop the best evaluation system. The training workshops should be about professional ethics too.

Prin. (Dr.) R. G. Kulkarni  
Smt. Mathubai Garware Kanya Mahavidyalaya,  
Sangli.

Suggestions are as follows:

1. Employment – Recruitment of adequate number of teachers
2. Present form of Orientation and Refresher Courses for teachers need to be reviewed  
Teacher training programmers to be introduced in the form of NLP Neuro-Linguistic Programming.
3. Efforts to be taken for Quality of Teaching Learning in higher education ( Teaching Skills in faculty)
4. Making available Modern Facilities and techniques for acquiring knowledge the Outdated use of pedagogies to be replaced.
5. Faculty Exchange Programme between different Universities.
6. Role of teachers in faculty improvement should be reviewed and restructured.
7. Research orientation: Inculcate Research culture among students.
8. Improving the Quality of Research.
9. At least one paper in Research Methodology should be made Compulsory at all levels.
10. Scope should be given to Interdisciplinary, Research. Now a days it is recognized globally.
11. Making available scholarships and rewards for extraordinary Research Work.
12. Encouraging the Students for Research in basic science and Humanities.
13. Stress should be on improving the quality of Research
14. A Committee should be formed under the University to restructure and revamp the faculty improvement programme with special focus on Research Orientation.
15. Skill Development programmes. There is a need for skill oriented enhanced national development.
16. Collaboration with entrepreneurs be initiated which is an increasing part of higher education systems.





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Prin. Honekar expressing his views

Suggestions by Prin. Honekar:

1. Teachers' Training regarding teaching must be compulsory for all the teachers before they join the teaching profession.
2. While selecting candidates for teachers post, along with their subject knowledge, teaching skill should be tested by arranging model lectures for them.
3. There should be provision of continuous professional and leadership quality training for quality education.
4. There should be attractive packages and facilities to attract young talent in this profession

5. There should be training academies to train and update teachers after every six months or a year as it is in armed forces.
6. There should be training regarding curriculum structure and design and professional ethics.
7. There should be systematic mechanism of assessment of academic performance and academic accountability of the teachers.
8. There should be leadership development centres for principals and directors.
9. Principals and directors should be given proper training of effective administration before they join their positions.

PRINCIPAL Dr. S. S. BAJEKAL  
Yashwantrao Chavan College of Science, Karad

In view of the keynote address in today's workshop by Prof Varun Sahni, Vice Chancellor, Goa University and the presidential address of Prof. Devanand Shinde, our own Vice Chancellor, in which the main theme was the Vision 2035 I submit herewith some of my suggestions for the Faculty Development Programme that is to be contributed by our University to the drafting of the NEP.

The two eminent speakers highlighted the fact that ICT is going to become the core enabling technology for education in the future and the role of the teacher will become more of a navigator or counsellor and an unending learner rather than just a teacher. Moreover, it is envisioned that our traditional guru-shishya method is going to become the norm to impart an all-round education to our students. I have always believed that ICT gives the student all the information s/he desires, but a Teacher is always required to convert this 'information' into knowledge.

According to Prof. Shinde, this is going to require a large scale change in the mindset of the teachers and exit from the current comfort zone that all of us have created for the teaching profession as a whole.



**Suggestions in light of these points are:**

1. Teachers of Higher education should be given formal training in the skills required for the profession like it is being done for school teachers (B.Ed). This point has been made earlier by Prin. Hindurao Patil of Vivekanand College who also gave details of the same. This training course/s should include:
  - a. Psychology to change the current mindset and demolish the comfort zone
  - b. Child psychology to better understand the needs of today's students
  - c. Training in continuously updated versions of ICT for the Flip Classroom concept
  - d. Methods to merge the Western concepts of knowledge with our own traditional ones
2. Training o be initiated tin a simple 'universal language' for better communication
3. Continuous training should also be given as is currently being done to our defence forces

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**Suggestions:**

1. Faculty recruitment – Introduce some additional eligibility criteriaon in addition its basic requirement of degrees. The course, 6 months/one year including the methodologies of teaching Research and extracurricular activities, may be designed by UGC and conducted by local Universities or stat government.
2. Improving teacher's knowledge- Curriculum based specific refresher courses as per the need of particular universities be organized. Orientation or Refresher courses on variety of irrelevant subjects should be voided and courses should be organized on curriculum based topics within university.
3. Orientation of Teachers for use of subject knowledge and its application, application methodology.

4. Inculcating Research attitude in teachers and in students through teachers. The Research training programme other than Ph.D./ M. Phil may be organized. The research training (Methodology) programme be organized.
5. Orientation of teachers for should extra-curricular and co-curricular activities. In H E over all development of student is accepted. Therefore, participation of students in social activities is accepted. So teachers may be orientated for the same.
6. Improving teachers Accountability towards students and society. The Assessment parameters of the teachers may be changed. Present assessment parameters, assess only teacher's role in Research publication etc. But the parameters about improving students' quality, student's involvement in various activities as well as the activities related to socially be incorporated.

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Suggestions:

1. "Faculty Development in Higher Education" type of courses should be so Organized that the PEOPLE or the Public, Citizens residing in Villages, Towns or Cities are, alone, the Stake-Holders, who are to secure Justice-Liberty-Equality-Fraternity as established by the Preamble of the Constitution of India, Constitutional WAY, so that the Democratic Republic is established by every University.
2. For accomplishing this Goal, Article 243W and Article 243G of the Constitution of India must be at the Centre of the Theme while developing the University-Faculty.
3. The Maharashtra University Act 1994, in its sec 4, narrates OBJECTIVES of the University. These Objectives, especially sub-sec (4),(5),(6) need to be satisfied by the Faculty of every University, so that University 'acting as a catalyst' in 'local and regional Problems' CREATES knowledge to be Preserved and Disseminated. While developing the
4. To build our Nation that constantly rises through bringing excellence in every activity, collective or Individual, and bringing excellence in Endeavour and Achievement is possible only through developing the Faculty in the University, and the Faculty must be



made to understand their OBLIGATIONS towards the Society and Develop a Corporate Life in the University that will create the necessary impact on the Society in general, outside the University.

Dr. P. S. Patankar,  
Professor & Head,  
Department of Education,  
Shivaji University, Kolhapur.



Prof. Patankar expressing her views

Suggestions:

- 1) A task force of expert may suggest measures faculty wise and promote intellectual and academic excellence in HEIs. The expert committee may constituted by taking the representation of all the faculty experts.
- 2) Definite guidelines may be formed and given designation to M. Phil. And Ph. D. scholars.

- 3) Department of Education of every university may conduct Teacher Training Programmes for newly recruited teachers in HEI. They may conduct two-day orientation programmes, Faculty Development Programmes of short duration (one week). Department of Education may be given additional status by Teacher Training Centre.
- 4) Academic performance of private institutions faculty may be measured.
- 5) For the mobility from industries to teaching profession definite policy and guidelines should be prepared.

Mr. V. Y. Dhupdale,  
Asstt. Professor & I/c Head,  
Department of Law,  
Shivaji University, Kolhapur.

Suggestions:

1. Teacher and Students ratio needs to be maintained in an adequate manner.
2. Each Department / College must be equipped with ICT Mechanism to encourage Techno-Savvy Education.
3. Students should be encouraged to engaged in the Research based Education.
4. Each Department / College must start their own Research Journals with ISSN No. to incorporate Research Papers and Articles of Faculty as well as Students.
5. All the Theory Examinations must be conducted and assessed Online.
6. Faculty Exchange Programme must be encouraged to enable more exposure of faculty members to different kinds of teaching Institutions.
7. Appointing Teachers on Contract or CHB Basis must be completely stopped.
8. The real assessment of a Teacher must be done in the context of the outcome of his/her teaching.
9. Co-ordinate Teaching must be introduced and encouraged. This will enable the teachers to explain the subject in a proper manner and to share their views amongst themselves.
10. Refresher and Orientation Courses should be organized in their respective colleges / Universities as to avoid inconvenience caused to the colleges / Departments.
11. Courses such as Diploma in Constitution of India and Human Rights and Values in Education must be introduced at University as well as college level. This is to inculcate





the knowledge of Fundamental Rights and Human Rights and Values amongst the Teaching Faculty and Students.

12. All teachers must undergo the Child Psychology Training Courses to understand the behavior of students.
13. All teachers must try to equip themselves with proper English Language both spoken as well as written to improve their communication skills with the students and teachers.
14. The education system must go a revolutionary by way of introducing the peer-to-peer interaction between the teachers and the students by means of new technology. In this way students may have proper access to the teaching at any point of time online.



Prin. Mangala Patil expressing her views

Dr. A. M. Mulla  
Principal,  
Annasaheb Dange College of  
Engg. & Tech., Ashta  
Email: [principal@adcet.in](mailto:principal@adcet.in)  
Mob: 8600339786

Suggestions:

The most of the crowd (almost 60%) coming to the teaching profession in engineering education has been rejected from the outside world (Industry), due to skills and technical competency. Hence they are coming to teaching profession in Engineering. In education like B.Ed and M.Ed, formal trainings are given to the candidates about teaching methodology. But in engineering any candidates having ME/MTech degree, can directly start his/her teaching profession without any conventional teaching techniques. Hence it is necessary to train in different domain like,

1. Teaching learning process (Outcome based Education)
2. Knowledge domain (as per their need of technical skills)
3. Communication Skills

For this purpose, university should establish tie-ups with IIT's/NIT's and give support to the engineering colleges to enhance the quality of engineering education.

Dr. K. Ravi,  
Director,  
Ashokrao Mane Group of Institutions,  
Vathar, Kolhapur.

Suggestions:

The world is changing fast and the growth is beyond imagination. The world demands for not only knowledgeable but for adept, accomplished, adroit and efficient workforce. Introducing such capable man power has become the prime responsibility of educational institutions. Apart from imparting the knowledge to students; producing employability has also become need of an hour and to do so teacher or the trainer of the institutes should possess those skills. The trainer has to be a dynamic personality to manifest the application of imparted knowledge. In that sense, a trainer or the teacher should be aware of the changing facets of the time. He must know how to



approach these changes. Faculty Development Programme then stands highly important, for it provides a platform to understand and relate the ongoing situation. Thus the programme should focus on:

- To make compulsory Training for all the trainers/teachers
- To implement outcome Based Education
- APM should be followed strictly by the teacher.
- To encourage Faculty to attend FDP, SSTP, and other development programme
- Field related training should be made compulsory, especially for professional courses
- Emphasize should be given on research activities/articles
- To arrange visit to companies and various industries
- To encourage employability skills

Dr. T.N. Gholap  
Principal  
Rayat Shikshan Sanstha's  
Sharadchandra Pawar  
Mahavidyalaya, Lonand  
Tal. Khandala, Dist. Satara

Suggestions:

**'Faculty Development in Higher Education'** is a significant factor while bringing out the **National Education Policy**. In this regard, I would like to put forth my views as follows:

- While recruiting the teachers in higher education, UGC may implement some measures to improve the quality of candidates. The competent candidates can be selected through **teaching-training program** of a month where the different qualitative and innovative teaching methods of the candidates can be tested.
- To improve the present system of Career Advancement Scheme, the Academic Performance Indicators (API) is not effective criteria in achieving the expected result. Majority college and university teachers remain engaged in enhancing their API score and ignore their concrete responsibility. Hence, along with API, their contribution in strengthening the knowledge and human values of the students and their attachment in building noble society and Nation should be the criteria of a Career Advancement Scheme.

**Pratap Patil**

**Suggestions:**

- Fill in all the vacant posts in Universities /colleges
- Need to unload work on existing universities and establishing State and Central Universities
- Bringing transparency in recruitment policy
- Relieving faculty of non- academic work and responsibilities
- Establishing Research Centres in all universities/ colleges with ample and necessary infrastructural and ICT facilities
- Giving much autonomy for Universities/ Colleges in running need based government funded courses

Prof.(Dr.) P.V. Kadole,  
Principal,  
D.K.T.E.S Textile &  
Engineering Institute  
Ichalkaranji

**Suggestions:**

The unprecedented growth of higher educational institutions in India in the past decade has led to a shortage of teachers and created a quality challenge for higher education. The rapid expansion of the Higher Education sector in India has resolved itself into a demand for capable faculty, possessing skills beyond mere knowledge of the content of subjects that they are expected to teach. Faculty developments will result in improved teaching performance and better outcomes for students

- With the phenomenal changes in educational and information technology, the role of a faculty has undergone dramatic changes. Faculty is expected to possess skills and abilities to plan the curriculum, make rational use of the media technology, and design an assessment strategy. This is possible only through a systematic approach to faculty development.



- There is a need for well-trained faculty who will help improve programs to produce quality graduates. The academic and intellectual environment in the Institutions should be enhanced by providing faculty members with ample opportunities to pursue research and also to participate in seminars / conferences / workshops
- Faculty should collaborate with Indian and international organizations to pursue research.
- Faculty should periodically undergo training in industries to get contemporary knowledge and skills
- While faculty at most higher educational institutions join as experts in their respective disciplines, but they have no experience in the instructional techniques that contribute to quality teaching and learning. Therefore, after joining the profession teachers must be trained by senior faculty members of the institute in a structured way.
- Faculty development should include exposure of new faculty members to institutional policies, culture, and expectations
- It is important to encourage and reward teachers who show a flair for teaching and adopt innovative teaching methods.

**Suggestions received from V.P. Institute of Management Studies & Research, Sangli**

1. Task force of experts will be setup to study faculty recruitment, promotion and retention procedures- followed by internationally renowned universities
2. Induction program for newly recruited faculty via- flip classroom, collaborative learning, case approach
3. Monthly at least one day orientation program for faculties regarding changes in market, new skills and development etc.
4. Assessment of academic performance of teachers by students and management
5. Self-assessment and self-appraisal is essential for faculties
6. Modification and up gradations in syllabus yearly is essential (based on SN 3)
7. Institutions having industry interactions for skill development

Smt. Shailaja Yadav Patil,  
Principal, Arts and  
Commerce College,  
Kasegaon

**Suggestions:**

1. Research activities should be motivated. Genuine research is the need of time. However nowadays there are malpractices in research activities. The publishers are duping the authors in the name of research publishing and the teaching faculty with the view to score their growth and carrier advancement. Such activities are violating the research ethics and killing the scientific temper among the budding researchers. Hence research activities should not be mandatory to increase the score of API. To boost research activities, healthy ambience should be developed from undergraduate level. One cannot deny the fact that a good teacher may not be necessarily turn out to be a good researcher. And a good researcher may not necessarily prove to be a good teacher. And if the UGC regulations are forcing the teachers to be the researchers is bound to be questioned.
2. Innovative teaching learning practices should be introduced. Presently they are missing, as the syllabi have been designed in a hurry and without putting in much thought. Learned and experienced teachers should take initiative in forming the syllabi. CBCS should be introduced by overcoming all the drawbacks and providing proper infrastructure.



3. The overall picture of faculty position is not very good. There is virtual ban on recruitment of faculty and staff in the government and aided sector during the last 15 years. The government funded colleges are forced to appoint teachers on advoc, part-time and CHB receiving less than rs.5000/month, whereas peons or attendants in the respective colleges receive 3to4 times than the CHB teachers. And certainly it has been seriously affecting teaching-learning process.

Rajendra Kulkarni

**Suggestions:**

- 1 Employment - Recruitment of a adequate number of teachers
- 2 Present form of Orientation and Refresher Courses for teachers need to be reviewed  
(Teacher training programmes to be introduced. NLP Neuro - Linguistic Programming)
- 3 Efforts to be taken for Quality of Teaching Learning in higher education (Teaching Skills in faculty)
- 4 Making available Modern Facilities and techniques for acquiring knowledge the Outdated use of pedagogies to be replaced
- 5 Faculty Exchange Programme between different Universities.
- 6 Role of teachers in faculty improvement should be reviewed and restructured
- 7 Research orientation: Inculcate Research culture among students.
- 8 Improving the Quality of Research
- 9 At Least one paper in Research Methodology should be made Compulsory at all levels.
- 10 Scope should be given to Interdisciplinary, Research. Now a day it is recognized globally.
- 11 Making available scholarships and rewards for extraordinary Research Work.
- 12 Encouraging the Students for Research in basic sciences
- 13 Stress should be on improving the quality of Research
- 14 A Committee should be formed under the University to restructure and revamp the faculty improvement programme with special focus on Research Orientation



15 Skill Development programmes. The need for skill Oriented enhance national development

16 Collaboration with entrepreneurs which is an increasing part of higher education systems.

Dr. D. D. Patil,  
Principal,  
Savitribai Phule Mahila Mahavidyalaya,  
Satara.

**Suggestions:**

A) Internationalization of Higher Education :

- To compete with the world of globalization we need to design Skills Based Degree Programmes “SBDP”.
- Permission should be given to the dual degrees :
  - (i) Value based
  - (ii) Technical skill basedIn collaboration with foreign university.
- Norms of two hundred Standard Universal universities should be implemented for making new educational policy.
- Formation of bodies or cell for MoU in home country which deals with domestic and foreign association to share their activities and exchange their thoughts.

B) Faculty Development in Higher Education :

- Candidate in Academic sector should be recruited who has completed certain research related to specialized area.
- ‘Faculty Exchange Programme’ should be formed at State Level instead of university level.
- Research Training Centres should be formed at State Level instead of university level.
- There should be some financial and non-financial incentives for researchers.
- Determination of Bench Marking at all the levels of higher education.
- We should bridge the gap between industry people and academician.



Prin. (Dr.) S. R. Bamane,  
Raja Shripatrao Bhagwantrao Mahavidyalaya,  
Aundh, Dist. Satara.

**Suggestions:**

- 1 Maximum number of Staff Academic Colleges should be established in the Universities.
- 2 Emphasis should be laid on Project and Research Work.
- 3 To establish teacher up-gradation centers.
- 4 To adopt centralized system of recruitment of teachers.
- 5 To abolish CHB and Part-Time type of appointments.
- 6 Appropriate number of teacher should be appointed.
- 7 College Level Teachers' Training Programme should be organized.
- 8 Computer literacy should be compulsory for the teachers.
- 9 Innovative teaching methods should be adopted.
- 10 Facilities should be given to the teachers to adopt better skills and higher qualifications.
- 11 Financial assistance should be increased for maintaining personal library.
- 12 Project oriented collaboration with private and co-operative sectors should be encouraged.
- 13 Infrastructure should be provided for ICT based teaching in the classrooms.

Principal Dr. J. B. Patil  
Kamala College, Kolhapur

**Suggestions:**

1. Organization and proper monitoring of seminars, workshops for the teachers in their respective subjects.
2. Proper incentives that lead to natural inclination of the teachers to his / her professional development.
3. Proper API which should include not only research but also other activities with due weightage should be taken into consideration. Only those papers which are genuine in the real sense of the term should be accepted by the scrutiny committee. In view of this, workshops and seminars consisting of great and renowned scholars and researches in the respected field of the teachers should be organized, so that the teachers concerned will be motivated for their educational development.

Smt. Sushama Anandrao Konduskar  
UGC Jr. Research Fellow,  
Department of Education,  
Shivaji University, Kolhapur.  
[sushamakonduskar@gmail.com](mailto:sushamakonduskar@gmail.com)

**Suggestions:**

1. After the recruitment of faculty the test of language proficiency and pronunciation should be taken by the department of languages of respective universities and in necessary supportive help should be provided.
2. Induction programme for the newly recruited teachers should have the component of knowledge generation and research monitoring.
3. The andragogy and heutagogy (self-determined learning/skills to learn independently) should be the elements of the induction inputs in the context of knowledge construction.
4. Skills for cognitive leadership and academic team work should be inculcated in faculties through orientation/ workshops.





5. Balanced, responsive, democratic attitude and universal temperament is necessary component of teachers and researchers in higher education as lot of planning and decision making is involved in their day today work.
6. Healthy work culture with academic autonomy should be cultivated for scholastic and professional growth of faculty.

Dr. Supriya Patil  
UGC Post Doctoral Fellow,  
Department of Education,  
Shivaji University, Kolhapur (MS)  
[Skppdf19@gmail.com](mailto:Skppdf19@gmail.com)  
Mob. 09503810959

**Suggestions:**

1. During the initial preparation faculty should be oriented with their personal (Interpersonal skills, career development,& lifelong issues), Instructional ( Course design & development, instructional technology), Organizational & Professional aspects of personality so that they fulfil their multiple roles of teaching, research & Service.
2. Faculty should be oriented with and pedagogical principles as a basic key element in the development of youth
3. At every HEIs there will be a Research centre which is administered by all the research scholars which will be help in developing research attitude and interest in the future.

Shri. Rajendra Laxman Chavan  
UGC- Senior Research Fellow,  
Department of Education,  
Shivaji University, Kolhapur, (MS)  
[rajendrachavan1@gmail.com](mailto:rajendrachavan1@gmail.com)  
Mob. 09665318867

**Suggestions:**

There should be given definite guidelines about role, workload, stipend for the full time M. Phil, Ph.D. research scholars who are designated as Academic Associates & academic Assistants. Full time research working research scholars, those who are recognized and designated as academic Assistants & Academic Associates. They should be given first preferences in the recruitment process in Higher Education.





### **Issues discussed during the brainstorming& gist of the suggestions:**

This section presents the views, remarks and comments by the audience on the speeches by the experts. A summary of the same is presented below:

1. Many stake holders expressed the clarity as regards to the following
  - a. Who would be the target groups for academic development in the institution?  
Senior Vs Junior Level.
  - b. What is their feeling about academic development?
  - c. What would the management do when faculty members refuse to participate in any training?
2. Is it possible to link academic development with NAAC strategies? How? What problems need to be solved?
3. How the pedagogical aspects can be inculcated?
4. Who would serve as experts for such efforts?
5. Integration- finding \ collaborations that fit with learning and student outcome goals.
6. How faculty development can be clubbed with the societal needs.
7. How faculty members can be made aware regarding the ethical issues such as plagiarism?
8. Ensuring faculty development amidst poor institutional infrastructure. Is it possible?
9. Fulfilling the student to teacher ratio and work load issues.
10. Academic staff often without necessary prerequisites
11. Academic workload tensions
12. New disciplines without research tradition.
13. Faculty development in the backdrop of globalization and internationalization.
14. Sabbatical leave for knowledge upgradation.
15. Improving the soft skills of the faculty.
16. Convincing the management to send the faculty members on deputation to the premier institutes.
17. Changing the very nature of refresher / orientation courses.
18. Filling up the vacant positions so that the existing faculty can avail upgradation.



## Epilogue

Faculty Development in Higher Education is an issue of immense significance for all the stakeholders of higher Education. It is more so in the era of Knowledge Explosion, wherein the rate of creation and obsolescence of knowledge is awesome.

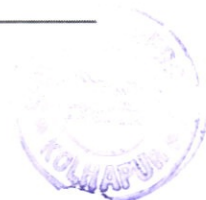
Faculty development initiatives in the backdrop of New Educational Policy will need to respond to changes in higher education and technological aspects in the lecturing delivery, to build on the achievements and accomplishments of the past, and to continue to adapt to the evolving roles of faculty members. To remain at the forefront, faculty development programs will need to broaden their focus, consider diverse training methods and formats, conduct more rigorous program evaluations, and foster new partnerships and collaborations. Academic vitality is dependent upon faculty members' interest and expertise; faculty development has a critical role to play in promoting academic excellence and innovation.

In brief the four possible types of development and their related attributes one can explore are as follows:

- 1 personal (i.e. interpersonal skills, career development, and life planning issues);
- 2 instructional (i.e. course design and development, instructional technology);
- 3 organizational (i.e. ways to improve the institutional environment to better support teaching);
- 4 professional (i.e. ways to support faculty members so that they fulfil their multiple roles of teaching, research, and societal extension)

In the context of the types of development, following challenges are lying in front of us as far as the faculty development is concerned:

- 1 Fiscal Constraints and Calls for Accountability
- 2 Increasing Diversity of Students.
- 3 The Opportunities and Challenges of Technology
- 4 The Opportunities and Challenges of Technology
- 5 Managing Multiple Roles and New Responsibilities
- 6 Supporting Student Learning





- 7 Integrating Technology into Teaching, Learning, and Research
- 8 Leadership and Management
- 9 Changes in Faculty Characteristics and Shifts in Appointment Patterns which is need of an hour.

It's a matter of pride that opportunity was extended to the Shivaji University, Kolhapur for hosting the brainstorming session on such as an important issue which is at the heart of the higher education. With the participation of 253 delegates the issue was brain stormed at length and the report comprising of the views expressed by the stakeholders is being submitted along with the recorded VCD of the deliberations. This will be definitely useful in accommodating the perceptions of the stakeholders at large and help in fulfilling their aspirations with reference to the forthcoming Higher Education Policy.

**CERTIFIED**

  
**REGISTRAR**  
**Shivaji University,**  
**Kolhapur.**

# SHIVAJI UNIVERSITY KOLHAPUR (M.S.)

## INTERNAL QUALITY ASSURANCE CELL

### Meeting with Principals/Directors of Affiliated College

The IQAC organized the meeting of principals and management representatives on 26<sup>th</sup> October 2016. The agenda of the meeting was "Enhancing quality through NAAC process".

Hon. Vice-chancellor express the need for obtaining NAAC accreditation for the quality education. He emphasised on the core values of the NAAC and its contribution to the enhancement of quality in education.

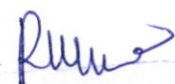
The Director, IQAC showcased the NAAC processes. The participants were made aware on the NAAC accreditation process. The detailed guidance and discussions were held on each criterion. Further the key aspects like, learning level of students, student centric methods, robust assessment was presented and discussed in details. It was also discussed on the context of core values in light of UGC initiatives.

The issue of training beyond curriculum, project work, industrial visit was discussed at length with possible options/alternative modes of raining.

The meeting also highlighted on the critical issues like gender, environment and sustainability, human values & professional ethics. Director, IQAC emphasised on the importance of criteria I & Criteria VII, in order to address the core issues at national and international levels.

The meeting was attended by 182 Principals/Directors representatives.

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**Prof. (Dr.) R. K. KAMAT**  
Director  
Internal Quality Assurance Cell (IQAC),  
Shivaji University,  
KOLHAPUR - 416 004



SHIVAJI UNIVERSITY,  
KOLHAPUR  
INTERNAL QUALITY ASSURANCE  
CELL (IQAC)



ONE DAY WORKSHOP  
BIBLIOMETRIC ANALYSIS  
BY  
PROF. PAL AHLUWALIA  
PRO-VICE CHANCELLOR,  
RESEARCH & INNOVATION,  
UNIVERSITY OF POSRTSMOUTH,  
U.K.

Date: 30<sup>th</sup> November 2016

Venue: Rajarshi Shahu Senate Hall, Shivaji University, Kolhapur



## REPORT OF THE EVENT:

Prof. Pal Ahluwalia, Pro-Vice Chancellor, Research and Innovation, University of Portsmouth, U.K. visited Shivaji University as a part of Government of Maharashtra, Initiative towards internationalization. At the University of Portsmouth Professor Ahluwalia is responsible for promoting a strong research and innovation culture with continued enhancement and expansion in the volume, development of excellent quality, and recognized impact of the University's research and enterprise outputs and partnerships. On behalf of Shivaji University, Kolhapur Prof. R.K. Kamat, Director, Internal Quality Assurance Cell (IQAC) received him. His talk on bibliometric analysis of Shivaji University, Kolhapur on 30<sup>th</sup> November 2016 marked the day for the faculty members and researchers of the University.

Prof. Ahluwalia made a thorough analysis of the research output of Shivaji University with comparison with other Universities in the state since he has been assigned this responsibility by the Government of Maharashtra. A gist of his presentation is as follows:

- Shivaji University has been very active in the research at national as well as international level. The same has been reflected in the research metrics of the university (SCOPUS). The faculty members of the Shivaji University have made significant contributions in various fields of Science and Technology and other faculties.
- The major areas of research include NanoTechnology, Materials Science, Green Chemistry, VLSI design, Drug design and delivery, Bio-remediation, Bio-diversity, Bio-prospecting, Dynamical systems, Simulation and modeling, Optimisation techniques, Process control,





Internet of Things, Data Mining, Data Analytics, Energy Technology, Space Science, Agro based Economics, Pollution Control, Nutraceutical Foods, Geo-informatics, Linguistics, e-Commerce, etc.

- The research carried out by the University is supported by the leading funding agencies like DST, DAE-BRNS, UGC, CSIR, DRDO, AICTE, MOEF, DBT, ICSSR, NBHM, UNICEF, RUSA, etc. More than 20 MoU's have been signed with reputed International Universities for the collaborative research.
- Faculty members of the university have already established linkages with researchers working in world ranking universities/institutes.
- DST sponsored International joint collaborative research projects with the countries like Japan, South Korea and Egypt have been undertaken by the faculty members of the University.
- Faculty members of the university have exhibited their research outcome in national and international journals of repute. The same is reflected in the following table:

Sr No	University	Age (Y)	Doc/y r	h-index	Citations / Yr	Doc/Author
1	Shivaji University	55	82	86	1105	3.35
2	North Maharashtra University	26	59	45	539	2.56
3	University of Mumbai	160	40	99	502	2.54
4	SavitribaiPhule Pune University	68	60	64	485	1.85
5	Swami RamanandTeerthMarathwada University	22	46	36	407	2.25
6	Solapur University	13	33	32	330	2.93
7	SantGadge Baba Amravati University	34	33	41	328	3.06



8	Dr. Babasaheb Ambedkar Marathwada University	59	42	52	325	3.05
9	Rashtrasant Tukadoji Maharaj Nagpur University	94	36	55	259	2.92
10	SNDT Womens' university	66	6	27	69	1.51
11	Dr. Babasaheb Ambedkar Technological University	28	11	20	67	1.97

Prof. Ahluwalia praised leading role of Shivaji University in the state of Maharashtra in terms of bibliometric output which is remarkable in view of the age and other parameters.

The event ended with vote of thanks by Prof. R.K. Kamat, Director IQAC to Prof. Ahluwalia for sharing his resourceful information about research and innovation.

**CERTIFIED**

  
**REGISTRAR**  
**Shivaji University,**  
**Kolhapur.**



नॅक विभाग

दिनांक .23/06/2016

सादर,

सोबत दिनांक 13 जून, 2016 रोजीच्या I.Q.A.C. बैठकीचा कार्यवृत्तांत अवलोकनार्थ ठेवला आहे.

दिनांक 13 जून, 2016 रोजी Internal Quality Assurance Cell (I.Q.A.C.) Committee बैठकीचे आयोजन ठिक 01.00 वाजता व्यवस्थापन परिषद हॉलमध्ये करणेत आले होते. सदर बैठकीमध्ये झालेल्या चर्चेच्या अनुषंगाने प्रा. डॉ. आर. के. कामत, संचालक I.Q.A.C. यांनी बैठकीचा कार्यवृत्तांत तयार केला असून कार्यवृत्तांत सोबत अवलोकनार्थ ठेवला आहे. त्यास मान्यता असावी. मान्य झालेस त्यावर स्वाक्षरी व्हावी.

मान्यतेसाठी सादर

कृपया 'अ' मान्य ठेवे.

अधीक्षक

संचालक

आय.क्यु.ए.सी.

सहा.कुलसचिव

उपकुलसचिव

मा. कुलगुरु

मा. संचालक,  
बी.सी.यु.डी.

**SHIVAJI UNIVERSITY, KOLHAPUR.**  
**Internal Quality Assurance Cell (IQAC)**

**MINUTES**

A meeting of the Internal Quality Assurance Cell (IQAC) Committee was held on 13<sup>th</sup> June, 2016 at 1.00 p.m. in the Management Council Hall to discuss the agenda.

Following members were present.

1. Prof. (Dr). Devanand B. Shinde , Vice-Chancellor	Chairman
2. Prin. (Dr.) D. R. More, Director, B.C.U.D.	Member
3. Dr. V. N. Shinde , Ag.Registrar & Dy. Registrar	Member
4. Shri. A. B. Chougule , Ag. Finance and Account Officer	Member
5. Capt. (Dr.) N. P. Sonaje, Dy. Registrar	Member
6. Prof. (Dr). U. V. Desai	Member
7. Prof. (Dr). Smt. A.U. Arvindekar	Member
8. Prof. (Dr.) D. T. Shirke	Member
9. Prof. (Dr). P. D. Raut	Member
10. Prof. (Dr). Smt. P. S. Patankar	Member
11. Dr. M. V. Takale	Member
12. Prof. (Dr.) B. M. Mane	Member
13. Dr. (Smt.) N. B. Khot	Member
14. Shri. Arvind Deshpande	Member
15. Shri. Amit Ashok Kulkarni	Member
16. Sr. Ashvini Danigond	Member
17. Prof. (Dr). R. K. Kamat ,Director, IQAC	Member Secretary

Prof. (Dr.) R. K. Kamat, Director, IQAC welcomed all the Members of the IQAC.



Following business was transacted.

**Item No. 01. Confirmation of the minutes of the IQAC meeting held on 6<sup>th</sup> May, 2016**

**RESOLVED** that the minutes of the IQAC meeting held on 6<sup>th</sup> May, 2016 were read and confirmed and signed by the Chairman.

**Item No. 02. Welcome of new IQAC members regarding IQAC functioning and suggestions.**

Prof. (Dr.) R. K. Kamat, Director, IQAC extended warm welcome to all new IQAC members and acquainted them with the functioning of the IQAC and NAAC through detailed presentation.

**Item No. 03 : Forthcoming Academic and Administrative Audit (AAA).**

The Academic and Administrative Audit committee for assessing the performance of the Departments, Centres and support services during the academic year 2014-15 was constituted. Following members were resolved to be invited.

- 1) Prof. K. V. Kale, Director, BCUD, BAMU, Aurangabad.
- 2) Dr. M. D. Jahagirdar, Aurangabad
- 3) Prin. Dr. Birajdar, S. B. College, Aurangabad.
- 4) Prof. P. S. Zacharias, Bangalore
- 5) Prof. N. Jayaram, Mumbai
- 6) Dr. P. V. Konnur, Belgaum
- 7) Dr. Sanjay N. Oak, Vice-Chancellor, D.Y. Patil University, Nerul, New Mumbai
- 8) Dr. R. S. Mali, NMU, Jalgaon

It was resolved that in case any of the above members is unable to attend the AAA schedule, the substitution will be done with the approval of Hon'ble Vice-Chancellor.

**Item No. 03. Any other items with the permission of the Chair.**

It was resolved to initiate the following benchmarking initiatives in the forthcoming academic year.

- 13/UTR 1) Research and Development Cell.
- Gurran 2) Centre for Skill and Entrepreneurship Development (CSED)
- 3) Incubation Centre.
- Stat. 4) UGC Directorate of Programme of Monitories and Evaluation Board (PMFB)
- 5) Consultancy Policy.
- 6) Calendar of forthcoming SSR submission.
- 13/UTR 7) Research Policy
- Edu 8) Teachers Training Centre
- EST 9) Staff Training Centre
- PDR 10) Green Audit
- 10/Ret 11) Environment Policy
- EST 12) Brand Building Committee
- PM Shah 13) To change the nomenclature of "Training and Placement Cell" instead of "Placement Cell".
- 14) To appoint the Criterion-wise Chairman for writing the forthcoming NAAC accreditation report.
- Library 15) The Library Committee to take a review of the Departmental Library.

The meeting was concluded after the vote of thanks to the chair.

R. Ramamoorthy 28/6/16  
Director, IQAC  
Member-Secretary

  
28/6/16  
Vice - Chancellor  
Chairman

Minutes were read & confirmed  
by  
Chairman.



**Shivaji University, Kolhapur**  
**Internal Quality Assurance Cell (IQAC)**  
**Action Taken Report**

Date of IQAC Meeting: June 13, 2016

<b>Sr. No.</b>	<b>Agenda item</b>	<b>Resolution</b>	<b>Action Taken</b>
1.	Induction of new IQAC Members	IQAC as per the new NAAC guidelines was formulated	Detailed presentation was given to the new IQAC members regarding their role and responsibilities.
2.	Academic and Administrative Audit (AAA)	To conduct AAA for the year 2014-15	Panel of external experts for AAA 2014-15 finalized and approved by University authorities.
3.	Benchmarking Initiatives	To evolve branding mechanism of the University	Following Committees were formulated for the said purpose. Deliberated on their role with the said Committee Members <ul style="list-style-type: none"> <li>a. Research and Development Cell.</li> <li>b. Centre for Skill and Entrepreneurship Development (CSED)</li> <li>c. Incubation Centre.</li> <li>d. UGC Directorate of Programme of Monitories and Evaluation Board (PMEB)</li> <li>e. Consultancy Policy.</li> <li>f. Calendar of forthcoming SSR submission.</li> <li>g. Research Policy</li> <li>h. Teachers Training Centre</li> <li>i. Staff Training Centre</li> <li>j. Green Audit</li> <li>k. Environment Policy</li> <li>l. Brand Building Committee</li> </ul>
4.	Placement Cell	To change the nomenclature of "Training and Placement Cell" instead of "Placement Cell".	Coordinated with the Establishment Section to issue a circular to make the change effective and the changes are incorporated.
5.	Department Library	To streamline the functioning of the Department Libraries	Communicated to the Librarian Barrister Balasaheb Khardekar Library to look into the functioning issues of the Department Libraries.





नॅक विभाग

दिनांक .09/02/2017

सादर,


सोबत दिनांक 4 फेब्रुवारी, 2017 रोजीच्या I.Q.A.C. बैठकीचा कार्यवृत्तांत अवलोकनार्थ ठेवला आहे.



Internal Quality Assurance Cell (I.Q.A.C.) Committee बैठकीचे आयोजन दिनांक 4 फेब्रुवारी, 2017 रोजी ठिक 12.00 वाजता व्यवस्थापन परिषद हॉलमध्ये करणेत आले होते. सदर बैठकीमध्ये झालेल्या चर्चेच्या अनुषंगाने प्रा. डॉ. आर. के. कामत, संचालक I.Q.A.C. यांनी बैठकीचा कार्यवृत्तांत तयार केला असून कार्यवृत्तांत सोबत अवलोकनार्थ ठेवला आहे. त्यास मान्यता असावी. मान्य झालेस त्यावर स्वाक्षरी व्हावी.

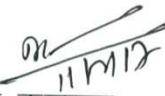
मान्यतेसाठी सादर.


कृपया 'अ' मान्य ठावे.

  
अधीक्षक  
9/2/2017

  
संचालक  
आय.क्यु.ए.सी.

  
सहा.कुलसचिव  
  
उपकुलसचिव

  
मा. कुलगुरु

  
मा. संचालक,  
बी.सी.यु.डी.

**SHIVAJI UNIVERSITY, KOLHAPUR.**  
**Internal Quality Assurance Cell (IQAC)**  
**MINUTES**

A meeting of the Internal Quality Assurance Cell (IQAC) Committee was held on 4<sup>th</sup> February, 2017 at 12.00 noon in the Management Council Hall to discuss the agenda.

Following members were present.

1. Prin. (Dr.) D. R. More, I/c Vice-Chancellor, Director, B.C.U.D.	Chairman
2. Dr. V. D. Nandavadekar, Registrar	Member
3. Dr. V. N. Shinde	Member
4. Capt. (Dr.) N. P. Sonaje, Dy. Registrar	Member
5. Smt. V. L. Antredi	Member
6. Prof. Dr. D. T. Shirke	Member
7. Dr. P.D. Raut	Member
8. Prof. (Dr). Smt. P. S. Patankar	Member
9. Dr. M. V. Takale	Member
10. Prof. (Dr.) B. M. Mane	Member
11. Dr. Smt. N. B. Khot	Member
12. Shri A. G. Deshpande	Member
13. Shri. Amit Ashok Kulkarni	Member
14. Dr. V. N. Deshpande	Member
15. Prof. (Dr). R. K. Kamat ,Director, IQAC	Member Secretary

Capt. Dr. N. P. Sonaje and Smt. Ashwini Danigond has communicated their inability to attend the meeting by e-mail and leave of absence was granted.

Prof. (Dr.) R. K. Kamat, Director, IQAC welcomed all the Members of the IQAC.

**Following business was transacted.**

Item No. 01. Confirmation of the minutes of the last meeting held on 30 Nov, 2016.

RESOLVED that the minutes of the IQAC meeting held on 30th November, 2016 were read and confirmed.



Item No. 2 : Presentation of the recent accreditation results of affiliated colleges

Prof. R.K. Kamat presented the results of accreditation of affiliated colleges (Annexure –I). Members appreciated the efforts taken by IQAC of Shivaji University in mentoring the colleges in getting good grade. It was also suggested that the networking of IQACs be established to share the best practices.

Item No. 3 : Online AQAR Demo

Shri Kabir Kharade presented the newly formed IQAC portal. The portal would help in getting the information from the concerned Departments in a smoother manner without avoiding duplication of data as well as requesting the departments multifold times for the same information.

Item No. 4 : Forthcoming of Academic and Administrative Audit (AAA).

Prof. D.T. Shirke presented the modus operandi of the AAA process. The minutes details worked out by Prof. Shirke were appreciated by all the members and it was decided to put the methodology in force for the forthcoming AAA cycle. It was also resolved to conduct the AAA of the year 2015-16 by appointing internal peer team.

Item No. 5 : Regarding the web portal of the University and reserving space for IQAC.

It was resolved that the exclusive space be reserved for the IQAC on the University main portal.

Item No. 6 : Preparation of SSR for fourth Reaccreditation Cycle

It was resolved that the SSR for the forthcoming fourth cycle be prepared by involving all the stakeholders. As a starting point the criterion and the key aspects will be divided amongst the faculty members which is followed by their presentations on the same.

Item No. 7 : Any other items with the permission of the chair.

It was resolved that Dr. V.N. Shinde and Prof. P.D. Raut will be entrusted to draft the best practices viz. "Water Conservation on campus" and "Shivaji University Central Cooperative Consumers Stores Ltd." respectively for the AQAR 2015-16.

Prof. R.K. Kamat briefed about the participation of the IQAC in an European Union funded project. The same was appreciated by the committee.

The meeting was concluded after the vote of thanks to the chair.

  
Director, IQAC  
Member-Secretary

  
Hon. Vice-Chancellor.  
Director, B.C.U.D.  
Chairman

Minutes were read and confirmed.

  
Chairman 23/5/17



### List of “A” Grade Affiliated Colleges

Sr.No.	Name of the College	Date of Accreditation	CGPA	Grac Cyc
1.	Sadguru Gadage Maharaj College, Karad	2010	3.11	A-I
2.	Dhananjayrao Gadgil College of Commerce, Satara	2011	3.05	A-I
3.	Chh. Shivaji College, Satara	27 <sup>th</sup> March, 2011	3.10	A-I
4.	Venutai Chavan College, Karad	1 <sup>st</sup> Dec., 2011	3.02	A-I
5.	Bharati Vidyapeeth's Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon, Dist. Sangli.	2012	3.13	A-I
6.	Azad College of Education, Satara	10 <sup>th</sup> March, 2012	3.14	A-I
7.	Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyalaya, Islampur, Dist. Sangli.	10 <sup>th</sup> March, 2012	3.02	A-I
8.	Arts, Commerce and Science College, Ramanandnagar, Burli, Tal. Palus, Dist. Sangli.	12 <sup>th</sup> May, 2012	3.09	A-I
9.	Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.	7 <sup>th</sup> January, 2013	3.14	A-I
10.	KIT's College of Engineering, Gokul Shirgaon, Kolhapur.	3 <sup>rd</sup> March, 2015	3.12	A-I
11.	Annasaheb Dange College of Engineering and Technology, Ashta, Dist. Sangli.	3 <sup>rd</sup> March, 2015	3.01	A-I
12.	Sou. Sushila Danchand Ghodawat Charitable Trusts's Group of Institutions, Atigre, Tal. Hatkanangle, Dist. Kolhapur.	25 <sup>th</sup> June, 2015	3.12	A-I
13.	Shri Ashokrao Mane Shikshan Prasarak Mandal's Group of Institution, Faculty of Engineering, Vathar Tarfe Vadgaon, Dist. Kolhapur.	1 <sup>st</sup> May, 2015	3.08	A-I
14.	Vivekanand College, Kolhapur.	19 <sup>th</sup> January, 2016	3.24	A-I
15.	Jaysingpur College, Jaysingpur, Dist. Kolhapur.	17 <sup>th</sup> March, 2016	3.01	A-I
16.	Rajaram College, Kolhapur	17 <sup>th</sup> March, 2016	3.23	A-I
17.	Walchand College of Engineering, Sangli.	29 <sup>th</sup> March, 2016	3.25	A-I

18.	Deshbhakta Ratnappa Kumbhar College of Commerce, Kolhapur.	25 <sup>th</sup> May, 2016	3.03	A-II
19.	Vasatraodada Patil Institute of Management Studies and Research, Miraj, Dist. Sangli.	15 <sup>th</sup> Sept., 2016	3.16	A-II
20.	Sharad Institute of Technology College of Engineering, Yadav, Tal. Shirol, Dist. Kolhapur.	15 <sup>th</sup> Sept., 2016	3.05	A-I
21.	Kasegaon Education Society's Rajarambapu Institute of Technology, Sangli – 415414	5 <sup>th</sup> Nov., 2016	3.10	A-I
22.	KIT's Institute of Management Education and Research, Kolhapur – 416234	5 <sup>th</sup> Nov., 2016	3.06	A-I
23.	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar, Kolhapur – 416113	5 <sup>th</sup> Nov., 2016	3.27	A-I
24.	Chhatrapati Shahu Institute of Business Education and Research, Kolhapur – 416004	5 <sup>th</sup> Nov., 2016	3.55	A+III
25.	Devchand College, Arjunnagar, Kolhapur – 591269	5 <sup>th</sup> Nov., 2016	3.07	A-III
26.	Yashavantrao Chavan Institute of Science, Satara – 415001	5 <sup>th</sup> Nov., 2016	3.57	A+III
27.	Bharati Vidyapeeth's New Law College, Sangli	23 <sup>rd</sup> January, 2017	3.11	A-I
28.	DKTE Society's Textile and Engineering Institute, Ichalkaranji.	23 <sup>rd</sup> January, 2017	3.53	A+-I



**Shivaji University, Kolhapur**  
**Internal Quality Assurance Cell (IQAC)**  
**Action Taken Report**

Date of IQAC Meeting: February 4, 2017

<b>Sr. No.</b>	<b>Agenda item</b>	<b>Resolution</b>	<b>Action Taken</b>
1.	Accreditation results of affiliated colleges	Review of Accreditation results of affiliated colleges and action thereof	Policy measures for accreditation of affiliated colleges on a mass scale was formulated even for the non-grant colleges and workshop are scheduled for the guidance to institutes.
2.	Online AQAR Demo	IQAC noted the effectiveness of the software suite	Implemented the Online AQAR software suite for all the on campus Departments
3.	Academic and Administrative Audit (AAA)	IQAC noted the details presented by Prof. D.T. Shirke	Nominated peer team for conduct of AAA 2015-16.
4.	Web portal of the University and reserving space for IQAC	Exclusive space be reserved for the IQAC on the University main portal.	Communicated to Internet Unit (Website Cell) regarding keeping weblinks exclusively for IQAC
5.	Participation of IQAC in an Quality Benchmarking Project funded by Erasmus +	IQAC Noted the scope of project	Prof. R.K. Kamat participated in the project as Coordinator on behalf of Shivaji University

SHIVAJI UNIVERSITY KOLHAPUR (M.S.)

INTERNAL QUALITY ASSURANCE CELL

**Report of Quality Initiatives for Stakeholders  
2016-17**

The plan of action worked out by the IQAC in the beginning of the year towards quality enhancement/Initiatives and the outcome achieved by the year 2016-17

Plan of Action	Outcome
Following was the plan of action of the IQAC which was realized in the reporting period.	1. Six GIAN programmes as detailed below were successfully conducted:
1. Internationalization through submission of GIAN proposals.	i. Dr. Venkatesh Merwade, Purdue University, USA: GIS for the management of water resources.
2. Research Initiatives	ii. Dr. Stewart Gordon, Centre for South Asian Studies, University of Michigan, USA: The Deccan in the 18th Century.
3. Setting up of Virtual Classroom	iii. Dr. Alessandra Consolaro, Turin University, Italy: Teaching Hindi Language and Literature to foreign students.
4. Taking note of student's feedback	iv. Dr. Dae Sung Lee, Department of Environmental Engineering, Kyungpook National University, South Korea: Sustainable Water Technology Innovation.
5. Smart Classroom wherever possible	v. Prof. Dimitri Sokoloff, Faculty of Biology, LMS University, Moscow, Russia: Evolutionary Morphology of Land, Plants.
6. Information regarding new policy initiatives with respect to higher education.	vi. Dr. Manukid Parnichkun, School of Engineering and Technology, Asian Institute of Technology, Thailand: Mechatronics- Synergetic Integration of Mechanics
7. Quality sensitization through internationally known experts.	vii. Dr. Francois Berger, Grenoble Alpes University- INSERM- Grenoble University Hospital, France: Nano technology and Cancer Research
8. Motivation to Cashless transaction	viii. 400 students placed.
	ix. Revitalization of teaching-

**CERTIFIED**

REGISTRAR  
Shivaji University,  
Kolhapur



	<p>learning through virtual classroom</p> <p>ix. Incubation Center</p> <p>x. Participation and success of researchers in state level research competition.</p> <p>xi. Skills enhancement through MoU with IGTR</p> <p>xii. Branding of University through organization of AIU West Zone Vice-Chancellor's meet</p> <p>xiii. Internship of students in CDAC</p> <p>xv. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions</p> <p>xvi. Inculcation of reading culture through Granthmahotsava</p> <p>xiv. Induction of values through Cleanliness drive</p> <p>2. As per the survey carried out and published by 'Current Science', University stands at 19th position for its research performance in India and sixth among Non-Agricultural universities.</p> <p>3. Water purification plant based on Reverse Osmosis Technology is installed and made operational on campus from 14th Jan. 2017</p> <p>4. Awareness Programme on New Education Policy and Faculty Development in Higher Education was conducted for teachers, students and all stakeholders.</p> <p>5. IQAC meeting with Prof. Pal Ahluwalia, Pro-Vice Chancellor of Portsmouth University and Prof. Vijay Pareira, Associate Dean of University of Wollongong, Dubai and signing MoU with Portsmouth University.</p> <p>6. Payment Gateway in place : To follow Cashless transactions, the</p>
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	<p>payment gateway facility has been created for payment through e-banking, credit cards, debit cards etc. Zero service charge facility has facilitated students to remit university fee through e-banking.</p>
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#### Other initiatives of IQAC:

- i. Awareness Programme on New Education Policy and Faculty Development in Higher Education was conducted for teachers, students and all stakeholders
- ii. Research Colloquium: For sharing individual research among all faculties, teachers and students of Shivaji University followed by interaction and discussion on the research area, the innovative platform of Research Colloquium is started in University
- iii. Digital Empowerment of Rural India: Varanage is a Village in Karveer Taluka in Kolhapur District with population of around 25,000. The students from Department of Electronics have undertaken movement of cashless transactions by organising a campaign for sensitizing the residents of Varanage. The programme 'Digital Saksharata Shibir' was organised for a week. Around 600 residents/families registered their participation for the programme on cashless transactions, digital locker, e-commerce etc. Around 450 families have responded to digital locker system and cashless transactions. The campaign got good response and the residents appreciated the efforts of our students.

**Note:** Some Quality Assurance initiatives of the institution are:(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC);
- Timely submission of Annual Quality Assurance Report (AQAR) to NAAC.
- Feedback from all stakeholders collected, analysed and used for improvements.
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.

**CERTIFIED**

  
**REGISTRAR**  
 Shivaji University,  
 Kolhapur

  
**(Dr. R. K. Kamat)**  
**PROF. (DR.) R. K. KAMAT**  
 Director, IQAC  
 Internal Quality Assurance Cell (IQAC),  
 Shivaji University,  
 KOLHAPUR - 416.004



नॅक विभाग

दिनांक .30/01/2017

सादर,

सोबत दिनांक 30 नोव्हेंबर, 2016 रोजीच्या I.Q.A.C. बैठकीचा कार्यवृत्तांत अवलोकनार्थ ठेवला आहे.

दिनांक 30 नोव्हेंबर, 2016 रोजी Internal Quality Assurance Cell (I.Q.A.C.) Committee बैठकीचे आयोजन ठिक 03.00 वाजता व्यवस्थापन परिषद हॉलमध्ये करणेत आले होते. सदर बैठकीमध्ये झालेल्या चर्चेच्या अनुषंगाने प्रा. डॉ. आर. के. कामत, संचालक I.Q.A.C. यांनी बैठकीचा कार्यवृत्तांत तयार केला असून कार्यवृत्तांत सोबत अवलोकनार्थ ठेवला आहे. त्यास मान्यता असावी. मान्य झालेस त्यावर स्वाक्षरी व्हावी.

मान्यतेसाठी सादर.

कृपया 'अ' मान्य होवे  
अधीक्षक

संचालक  
आय.क्यु.ए.सी.

सहा.कुलसचिव

उपकुलसचिव

मा. कुलगुरु

मा. संचालक,  
बी.सी.यु.डी.

**SHIVAJI UNIVERSITY, KOLHAPUR.**  
**Internal Quality Assurance Cell (IQAC)**

**MINUTES**

A meeting of the Internal Quality Assurance Cell (IQAC) Committee was held on 30<sup>th</sup> November, 2016 at 3.00 p.m. in the Management Council Hall to discuss the agenda.

Following members were present.

1. Prin. (Dr.) D. R. More, Director, B.C.U.D.	Chairman
2. Prof. Pal Ahluwalia, Pro-Vice-Chancellor, Research & Innovation, University of Portsmouth, U.K.	Invitee
3. Dr. Vijay Pareira, Dubai	Invitee
4. Dr. V. D. Nandavadekar, Registrar	Member
5. Shri. M. A. Kakade, Controller of Examinations	Member
6. Capt. (Dr.) N. P. Sonaje, Dy. Registrar	Member
7. Smt. V. L. Antredi	Member
8. Prof. (Dr). Smt. A.U. Arvindekar	Member
9. Prof. (Dr). Smt. P. S. Patankar	Member
10. Prof. (Dr.) B. M. Mane	Member
11. Shri. Amit Ashok Kulkarni	Member
12. Dr. V. N. Deshpande	Member
13. Smt. Ashvini Danigond	Member
14. Prof. (Dr). R. K. Kamat ,Director, IQAC	Member Secretary

Prof. (Dr.) R. K. Kamat, Director, IQAC welcomed all the Members of the IQAC.

**Item No. 01. Confirmation of the minutes of the IQAC meeting held on 6<sup>th</sup> May, 2016**

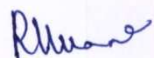
**RESOLVED** that the minutes of the IQAC meeting held on 13<sup>th</sup> June, 2016 were read and confirmed.

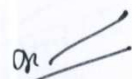


**Following business was transacted.**


1. Professor R.K. Kamat, Director IQAC presented detailed profile of the Shivaji University, Kolhapur.
2. Director, BCUD, Prin. D.R. More elaborated on the research strengths of the Shivaji University.
3. Professor Pal Ahluwalia, Pro-Vice-Chancellor, Research & Innovation, University of Portsmouth, U.K. presented his analysis pertaining to the scholastic strengths of the Shivaji University, Kolhapur. He elaborated on the recent progress of the University in the research arena by taking up concrete action plan centered on the thematic goal of building passionate research community and integrating the same with teaching learning activities. He summarized on the research augmentation in the areas such as Materials Science, Biodiversity and Bioprospecting of Western Ghats, Biotechnology, Environmental Science, Nanoscience and Nanotechnology as well as Humanities, Social Sciences and Arts.
4. Both the experts Professor Pal Ahluwalia and Dr. Vijay Pareira, Dubai discussed in depth the quality issues in higher education and the global benchmarking in this area which is of immense significance to the academic community.
5. There was thorough discussion on the future roadmap of the Shivaji University. It was resolved that the University should go ahead with the 'Internationalization' agenda. In this context it was resolved to sign MoUs with University of Portsmouth (England) and University of Wollongong (Australia) on the following day.
6. All the IQAC members expressed their satisfaction on the visit of Prof. Pal Ahluwalia and Dr. Vijay Pareira and they recommended that such academicians with global exposure should be frequently mentor the IQAC.
7. At the end Dr. V. D. Nandavadekar, Registrar expressed vote of thanks.

The meeting was concluded after the vote of thanks to the chair.

  
Director, IQAC  
Member-Secretary

  
Director, B.C.U.D.  
Chairman

*Minutes were read & confirmed*

  
*Chairman*

**Shivaji University, Kolhapur**  
**Internal Quality Assurance Cell (IQAC)**  
**Action Taken Report**

Date of IQAC Meeting: November 30, 2016

<b>Sr. No.</b>	<b>Agenda item</b>	<b>Resolution</b>	<b>Action Taken</b>
1.	Research strengths of the Shivaji University.	IQAC noted research strengths presented by Dr. D.R. More, Director BCUD	--
2.	Scholastic strengths of the Shivaji University, Kolhapur.	IQAC noted detailed presentation of Professor Pal Ahluwalia, Pro-Vice-Chancellor, Research & Innovation, University of Portsmouth, U.K. and his analysis pertaining to the scholastic strengths of the Shivaji University, Kolhapur	
3.	Leading Shivaji University in Global Quality Benchmarking	IQAC appreciated Professor Pal Ahluwalia and Dr. Vijay Pareira, Dubai discussion on quality issues in higher education and the global benchmarking	
4.	Future QA roadmap of the Shivaji University	University should go ahead with the 'Internationalization' agenda	Prepared roadmap for QS ranking



नॅक विभाग

दिनांक - १ जून, २०१७

सादर :

सोबत दिनांक २३ मे, २०१७ रोजीच्या I.Q.A.C. बैठकीचा कार्यवृत्तांत अवलोकनार्थ ठेवला आहे.


Internal Quality Assurance Cell (I.Q.A.C.) Committee बैठकीचे आयोजन दिनांक २३ मे, २०१७ रोजी दुपारी ठिक ३.०० वाजता व्यवस्थापन परिषद हॉलमध्ये करणेत आले होते. सदर बैठकीमध्ये झालेल्या चर्चेच्या अनुषंगाने प्रा. डॉ. आर. के. कामत, संचालक, आय.क्यु.ए.सी. यांनी बैठकीचा कार्यवृत्तांत तयार केला असून सदरचा कार्यवृत्तांत अवलोकनार्थ ठेवला आहे. कृपया त्यास मान्यता असावी. मान्य झालेस सदर कार्यवृत्तांतावर स्वाक्षरी व्हावी.


मान्यतेसाठी व स्वाक्षरीसाठी सादर

कृपया 'अ' मान्य होवे.

  
अधीक्षक  
11/6/2017

  
सहा. कुलसचिव  
11/6/17

  
उपकुलसचिव  
11/6/17

  
संचालक,  
आयक्युएसी

  
मा. कुलगुरु  
11/6/17

  
प्रभारी प्र-कुलगुरु 3/6.

**SHIVAJI UNIVERSITY, KOLHAPUR.**  
**Internal Quality Assurance Cell (IQAC)**  
**MINUTES**

A meeting of the Internal Quality Assurance Cell (IQAC) Committee was held on 23<sup>rd</sup> May, 2017 at 3.00 p.m. in the Management Council Hall to discuss the agenda.

Following members were present.

- |   |                  |
|---|------------------|
| 1. Prof. (Dr.) Devanand B. Shinde, Vice-Chancellor,                                       | <b>Chairman</b>  |
| 2. Prof. (Dr.) D. T. Shirke, Offg. Pro-Vice-Chancellor                                    | Member           |
| 3. Dr. V. D. Nandavadekar, Registrar  | Member           |
| 4. Shri A. B. Chougule, Ag. Finance & Accounts Officer                                    | Member           |
| 5. Dr. V. N. Shinde, Dy. Registrar  | Member           |
| 6. Capt. (Dr.) N. P. Sonaje, Dy. Registrar  | Member           |
| 7. Smt. V. L. Antredi, Dy. Registrar  | Member           |
| 8. Prof. (Dr.) Smt. A.U. Arvindekar   | Member           |
| 9. Prof. (Dr.) P.D. Raut  | Member           |
| 10. Prof. (Dr.) Smt. P. S. Patankar   | Member           |
| 11. Shri A. G. Deshpande  | Member           |
| 12. Shri. Amit Ashok Kulkarni   | Member           |
| 13. Smt. Ashwini Danigond   | Member           |
| 14. Prof. (Dr.) P. A. Attar<br>(Chairman, AAA Committee, Arts & Fine Arts Faculty)        | Invitee          |
| 15. Prof. (Dr.) P. N. Bhosale,<br>(Chairman, AAA Committee, Science & Technology Faculty) | Invitee          |
| 16. Prof. (Dr.) V. P. Rasam,<br>(Chairman, AAA Committee, Social Science Faculty)         | Invitee          |
| 17. Prof. (Dr.) R. K. Kamat ,Director, IQAC   | Member Secretary |

Dr. V. N. Deshpande communicated his inability to attend the meeting by e-mail and the leave of absence was granted to him.

Prof. (Dr.) R. K. Kamat, Director, IQAC welcomed all the Members of the IQAC.

**Following business was transacted.**



Item No. 01. Confirmation of the minutes of the last meeting held on 4<sup>th</sup> February, 2017.

RESOLVED that the minutes of the IQAC meeting held on 4<sup>th</sup> February, 2017 were read and confirmed.

Item No. 2 : Report of AAA -2015-16 : Presentation by the Chairman of concerned Committee.

Prof. P.N. Bhosale, Prof. P.A. Attar, Prof. (Mrs.) Vasanti Rasam and Prof. P.D. Raut presented the reports of the AAA committee of the concerned faculty. There was indepth discussion on the various issues such as teaching-learning, research, consultancy, extension work and so on. The SWOC of various Departments, sections and units was discussed. It was resolved to circulate the reports of the AAA committee to the concerned departments and take a stock of the compliance in the forthcoming IQAC meeting.

Item No. 3 : Finalization of AQAR – 2015-16

The AQAR 2015-16 was finalized and it was resolved to place the same to the Management Council.

Item No. 4 : New NAAC QIF

There was detailed discussion on the draft QIF proposed by NAAC. Hon'ble Vice-Chancellor Prof. Devanand Shinde visited New Delhi to discuss various issues pertaining to the new QIF. His inputs especially regarding the student feedback were appreciated by the august gathering chaired by Hon'ble Minister Human Resource Development. IQAC members congratulated Hon'ble Vice Chancellor for the same.

Item No. 5 : Any other items with the permission of the chair.

- i. It was resolved to co-opt Dr. Ajit Thete, renowned academician as an expert on IQAC.
- ii. As per the new Maharashtra Public Universities Act 2016, the Deans are assigned an significant role for the Quality Assurance and preparation of AQAR. It was resolved to co-opt the Deans as an ex-officio permanent invitees on the IQAC.

The meeting was concluded after the vote of thanks to the chair.

  
Director, IQAC  
Member-Secretary

  
Hon'ble Vice-Chancellor  
Chairman

Minutes were read &  
confirmed

  
Chairman 20/6/17

**Shivaji University, Kolhapur**  
**Internal Quality Assurance Cell (IQAC)**  
**Action Taken Report**

Date of IQAC Meeting: May 23, 2017

<b>Sr. No.</b>	<b>Agenda item</b>	<b>Resolution</b>	<b>Action Taken</b>
1.	AAA -2015-16 : Presentation by the Chairman of concerned Committee.	IQAC noted the finding of the AAA	AAA reports circulated to Departments with a request for compliance
2.	AQAR – 2015-16	AQAR – 2015-16 finalized	AQAR sent for the approval of the Management Council.
3.	New NAAC QIF	IQAC noted appreciation of MHRD towards inputs of Hon'ble Vice-Chancellor Prof. Devanand Shinde on various issues pertaining to the new QIF	---
4.	Co-opting expert in QA on IQAC	QA expert on IQAC to be Co-opted	Dr. Ajit Thete was co-opted as QA expert on IQAC
5.	Co-opting Deans on IQAC	As per the new Maharashtra Public Universities Act 2016, the Deans are assigned an significant role for the Quality Assurance and preparation of AQAR therefore they are to be co-opted on IQAC as an ex-officio permanent invitees	Deans Co-opted on IQAC as an ex-officio permanent invitees

## 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, 2016 to June 30, 2017)

### Part – A

AQAR for the year

2016-17

#### I. 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. MHC0GN 18879)

MHUNGN10080

OR

1.4 NAAC Executive Committee No. &amp; 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	1 <sup>st</sup> Cycle	B+	77.75	2003	21-03-2003 to 20-03-2008
2	2 <sup>nd</sup> Cycle	B	2.85	2009	08-03-2009 to 07-03-2014
3	3 <sup>rd</sup> 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 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR \_\_\_\_\_ (29/06/2016)  
 ii. AQAR \_\_\_\_\_ (16/10/2017)  
 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*)

UGC-COP Programmes

√

DBT-IPLS  
DST-  
PURSE  
MOEF  
DST-SAIF  
World Bank  
BRNS  
NMM  
DRDO  
CSIR  
DAE  
SERB  
ICSSR  
MFPI  
UGC-DEB  
NBA

**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

04

2.11 No. of meetings with various stakeholders:

No.

08

Faculty

01

Non-Teaching Staff

03

Students

Alumni

Others

04

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.

01

International

--

National

--

State

--

Institution Level

√

(ii) Themes

Workshop on "Enhancing Research Output at State Universities in Maharashtra"

## 2.14 Significant Activities and contributions made by IQAC

### 1. IQAC Meeting with Internationally reputed Quality Professionals

IQAC had a epical meeting with internationally known quality professionals Professor Pal Ahluwalia, Pro-Vice-Chancellor, Research & Innovation, University of Posrtsmouth, U.K and Dr. Vijay Pareira, Dubai on 30th November, 2016. The details of the meting are as follows:

Prof. Pal presented his analysis pertaining to the scholastic strengths of the Shivaji University, Kolhapur. He elaborated on the recent progress of the University in the research arena by taking up concrete action plan centered on the thematic goal of building passionate research community and integrating the same with teaching learning activities. He summarized on the research augmentation in the areas such as Materials Science, Biodiversity and Bioprospecting of Western Ghats, Biotechnology, Environmental Science, Nanoscience and Nanotechnology as well as Humanities, Social Sciences and Arts.

Both the experts Professor Pal Ahluwalia and Dr. Vijay Pareira discussed in depth the quality issues in higher education and the global benchmarking in this area which is of immense significance to the academic community.

There was thorough discussion on the future roadmap of the Shivaji University. It was resolved that the University should go ahead with the 'Internationalization' agenda. In this context it was resolved to sign MoUs with University of Portsmouth (England). The same was executed on the following day.

All the IQAC members expressed their satisfaction on the visit of Prof. Pal Ahluwalia and Dr. Vijay Pareira and they recommended that such academicians with global exposure should be frequently mentor the IQAC.

### 2. Analysis of NAAC Accreditation results of various affiliated colleges

In one of the meetings on 30 November 2016, IQC presented the results of accreditation of affiliated colleges. The same was appreciated by members. Members appreciated the efforts taken by IQAC of Shivaji University in mentoring the colleges in getting good grade. It was also suggested that the networking of IQACs be established to share the best practices.

### 3. Implementation of Online AQAR

The Department of Computer Science designed online mechanism for AQAR. The portal helps in getting the information from the concerned Departments in a smoother manner without avoiding duplication of data as well as requesting the departments multifold times for the same information.

**4. ISO Certification**

IQAC has taken up the issue of ISO certification of the University and the same has been sent for approval of the Management Council.

**5. Analysis of Committees constituted for Academic and Administrative Audit**

Reports of the AAA committee nominated for the academic year 2015-16 was analysed. The committee members presented the reports of the AAA committee of the concerned faculty in one of the meetings on 23<sup>rd</sup> May 2017. There was indepth discussion on the various issues such as teaching-learning, research, consultancy, extension work and so on. The SWOC of various Departments, sections and units was discussed. The reports were circulated to the concerned departments and take a stock and compliance of the same was discussed in the forthcoming IQAC meeting.

**6. New NAAC QIF**

IQAC briefed the members and also to University authorities regarding the new NAAC Quality Indicator Framework (QIF) and initiated action plan for compliance of the new process framework.

**7. Action on Student's feedback:**

- i. With reference to the student feedback regarding drinking water facility, water purification plant based on Reverse Osmosis Technology was installed and made operational on campus from 14th Jan. 2017.
- ii. Payment Gateway facility was introduced on campus and all cashless transactions are made now.

**8. Virtual Classroom facility:**

Shivaji University put in place the Virtual Classroom on campus under the grants in aid from RUSA. The virtual classroom is being hosted at Barrister Balasaheb Khardekar Library and is equipped with multimedia projector, visualizer, interactive board and a digital podium. Plans are afoot to connect the virtual classroom with the university's other autonomous colleges and the ones which have scored A grade in the assessment of various agencies.



## 9. Facilities for Divyang students

The Barr. Balasaheb Khardekar Library of University has proactively created required facilities for the Divyang students. Every year it conducts special workshop for blind students with the cooperation of NAB branch at Kolhapur. The University has the JAWS (Job Access With Speech) software which enables blind students to get any reference material from internet in brail printed form. For this facility creation, the University has received recognition as 'IAB-Empowerment Champions (Silver Zone) Award' from the Indian Association for the Blinds (IAB), Madurai (Tamilnadu).

Recently, the facilities are further expanded for all Divyang students creating 'Resource Centre for Inclusive Education' under the funds received from RUSA. The Brail books, Computers enabled with Screen Reading software, e-books, e-journals, e-database, brail printing, magnifier, spectacles etc. are made available.

## 10. Examination reforms:

University's Examination Department has been proactively implementing various advanced digital technology for smooth functioning of the examinations. To save the manpower, paper and the cost, the University has launched the 'Secured Remote Paper Distribution' (SRPD) system very effectively. With this system, the question papers are distributed securely and confidentially at the examination centres. The decentralization of CAP centres is done for the speedy assessment of answer sheets.

The appointment section has developed a special software of staff module with which all the latest database of teachers working in University jurisdiction has been collected. These teachers are appointed for examination work through

e-mails only. Also a separate module is created to provide answer papers and others necessary material to the examination centres. With this module the demand & supply of the material is recorded and maintained properly and the excess costing is reduced. Special training camps are organised with the help of Bahai Academy, Panchgani for the employees working at exam department to train them for stress management and to increase efficiency. From October 2016, the provision of supplementary answer book is revised and single answer book is provided with standard paging. It resulted into better outcomes to reduce paper costs.

**11. Other initiatives of IQAC:**

- i. Awareness Programme on New Education Policy and Faculty Development in Higher Education was conducted for teachers, students and all stakeholders
- ii. Research Colloquium: For sharing individual research among all faculties, teachers and students of Shivaji University followed by interaction and discussion on the research area, the innovative platform of Research Colloquium is started in University
- iii. Digital Empowerment of Rural India: Varanage is a Village in Karveer Taluka in Kolhapur District with population of around 25,000. The students from Department of Electronics have undertaken movement of cashless transactions by organising a campaign for sensitizing the residents of Varanage. The programme 'Digital Saksharata Shibir' was organised for a week. Around 600 residents/families registered their participation for the programme on cashless transactions, digital locker, e-commerce etc. Around 450 families have responded to digital locker system and cashless transactions. The campaign got good response and the residents appreciated the efforts of our students.

## 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
<p>Following was the plan of action of the IQAC which was realized in the reporting period.</p> <ol style="list-style-type: none"> <li>1. Internationalization through submission of GIAN proposals.</li> <li>2. Research Initiatives</li> <li>3. Setting up of Virtual Classroom</li> <li>4. Taking note of student's feedback</li> <li>5. Smart Classroom wherever possible</li> <li>6. Information regarding New policy initiatives with respect to higher education.</li> <li>7. Quality sensitization through internationally known experts.</li> <li>8. Motivation to Cashless transactions</li> </ol>	<p>Six GIAN programmes as detailed below were successfully conducted:</p> <ol style="list-style-type: none"> <li>i. Dr. Venkatesh Merwade, Purdue University, USA: GIS for the management of water resources.</li> <li>ii. Dr. Stewert Gordon, Centre for South Asian Studies, University of Michigan, USA: The Deccan in the 18th Century.</li> <li>iii. Dr. Alessandra Consolaro, Turin University, Italy: Teaching Hindi Language and Literature to foreign students</li> <li>iv. Dr. Dae Sung Lee, Department of Environmental Engineering, Kyungpook National University, South Korea: Sustainable Water Technology Innovation</li> <li>v. Prof. Dimitri Sokoloff, Faculty of Biology, LMS University, Moscow, Russia: Evolutionary Morphology of Land, Plants</li> <li>vi. Dr. Manukid Parnichkun, School of Engineering and Technology, Asian Institute of Technology, Thailand: Mechatronics- Synergetic Integration of Mechanics</li> <li>vii. Dr. Francois Berger, Grenoble Alpes University- INSERM- Grenoble University Hospital, France: Nano technology and Cancer Research.</li> </ol>



	<p>viii. 400 students placed.</p> <p>ix. Revitalization of teaching-learning through virtual classroom</p> <p>x. Incubation Center</p> <p>xi. Participation and success of researchers in state level research competition.</p> <p>xii. Skills enhancement through MoU with IGTR</p> <p>xiii. Branding of University through organization of AIU West Zone Vice-Chancellor's meet</p> <p>xiv. Internship of students in CDAC</p> <p>xv. Showcasing parliament functioning and democratic decision making through National Youth Parliament Competitions</p> <p>xvi. Inculcation of reading culture through Granthmahotsava</p> <p>xvii. Induction of values through Cleanliness drive</p> <p>2. As per the survey carried out and published by 'Current Science', University stands at 19th position for its research performance in India and sixth among Non-Agricultural universities.</p> <p>3. Water purification plant based on Reverse Osmosis Technology is installed and made operational on campus from 14th Jan. 2017</p> <p>4. Awareness Programme on New Education Policy and Faculty Development in Higher Education was conducted for teachers, students and all stakeholders.</p> <p>5. IQAC meeting with Prof. Pal Ahluwalia, Pro-Vice Chancellor of Portsmouth University and Prof.</p>
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	<p>Vijay Pareira, Associate Dean of University of Wollongong, Dubai and signing MoU with Portsmouth University.</p> <p>6. Payment Gateway in place : To follow Cashless transactions , the payment gateway facility has been created for payment through e-banking, credit cards, debit cards etc. Zero service charge facility has facelifted students to remit university fee through e-banking.</p>
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*\* 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-2016-17 was placed before the Management Council of the University on 27<sup>th</sup> April, 2018 and the same has been approved.



## Part – B

## Criterion – I

**I. 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.	52	--		
PG	22	01	07	
UG	29	--	08	
PG Diploma	18	01		
Advanced Diploma	22	07		07
Diploma	59	--	02	23
Certificate	162	09	--	153
Others	--			
<b>Total</b>				
Interdisciplinary	02			
Innovative	03			

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

## (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	49
Trimester	--
Annual	--

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, Revision of each and every course is made every three years. This is a continuous process where part wise syllabi is revised every year and thus syllabi of each degree programme is completely revised, every three years.

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

2.2 No. of permanent faculty with Ph.D.

128

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	20	29	44	48	198	158

2.4 No. of Guest and Visiting faculty and Temporary faculty

15

340

70

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	77	249	44
Presented papers	110	199	37
Resource Persons	33	110	62



## 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 : 185

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

1. Online photocopy distribution
2. Onscreen Re-evaluation of engineering and Law faculty.
3. Secured Remote Paper Delivery
4. Mobile application for student.
5. For early declaration of result and to minimize post grievances and students, online absent entry provision is initiated



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.	5059	06 (0.12)	558 (11.03)	2166 (42.82)	919 (18.16)	168 (3.32)	-	-
M. Com.	1665	-	73 (4.38)	508 (30.51)	207 (12.43)	23 (1.38)	-	-
M.Sc.	1380	01 (0.72)	324 (23.47)	715 (51.81)	10 (0.72)	86 (62.31)	-	-
M.B.A.	826	-	8 (0.96)	337 (40.79)	267 (32.32)	44 (5.32)	-	-
M.J.C.		No Gradation						
B. Lib.	12	-	-	09 (75.00)	02 (17.00)	-	-	-
M. Lib.	11	-	-	08 (73.00)	02 (18.18)	-	-	-
LL. M.	85	-	0	35 (41.17)	-	26 (30.59)	-	-
M.S.W.	22	-	-	11 (50.00)	09 (41.00)	-	-	-
M.P.A. (Drama)		No Gradation						
M.C.A. (Science)	65	0	10	45	-	08	-	-
B.J.C. (CR)	25	-	-	13 (52.00)	10 (40)	-	-	-
M.B.A. (Rural Management)	27	-	-	22 (81.48)	04 (15.00)	-	-	-
M.C.A. (RI)	03	-	-	02 (67.00)	01 (33.33)	-	-	-
M.R.S.	19	-	-	01 (5.26)	-	-	-	-
M.Tech. (Rural Technology)	02	-	-	02 (100)	-	-	-	-
M.C.A.(Commerce)	98	01 (1.01)	64 (64.65)	33 (33.33)	-	-	-	-

## 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching &amp; 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 :

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	05
UGC – Faculty Improvement Programme	13
HRD programmes	66
Orientation programmes	14
Faculty exchange programme	01
Staff training conducted by the university	20
Staff training conducted by other institutions	111
Summer / Winter schools, Workshops, etc.	259
Others	07

## 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	432	108	--	664
Technical Staff	101	63	--	112

## 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, publishability 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	31	54	12	15
Outlay in Rs. Lakhs	64697857	27727690	429	6000561

## 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	09	11	02	04
Outlay in Rs. Lakhs	2.93	1.50	8.1	1.8

## 3.4 Details on research publications

	International	National	Others
Peer Review Journals	561	84	26
Non-Peer Review Journals	02	08	0
e-Journals	13	04	0
Conference proceedings	60	47	0

## 3.5 Details on Impact factor of publications:

Range 0-8.442 Average 2.8 *h*-index 19 Nos. in SCOPUS 347

## 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	2016-17	UGC, GIAN, CSIR, ICSSR, RGSTC, SERB, DAE, MOEF&CC, UNICEF, MARATHI VISHWAKOSH	28765600	14556304
Minor Projects	2016-17	UGC-IUAC	45000	45000
Interdisciplinary Projects	2016-17	--	--	--
Industry sponsored	2016-17	KIRLOSKAR	323840	323840
Projects sponsored by the University/ College	2016-17	--	00	00
Students research projects <i>(other than compulsory by the University)</i>	2016-17	--	00	00
Any other(Specify)	2016-17	RUSA.SAP	76510843	68322843
<b>Total</b>				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges  
Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	05	14	10	18	09
Sponsoring agencies					

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total



3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	01
International	Applied	04
	Granted	01
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
26	03	08	08	06	01	00

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

1036

2212

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

276

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

JRF

29

SRF

67

Project Fellow

62

Any Other

17

3.21 No. of students Participated in NSS events:

University level

16

State level

06

National level

03

International level

--

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	12	State level	02
National level	--	International level	--

## 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	08	College forum	150		
NCC	-	NSS	150	Any other	05

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

- 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	13	--	128
Laboratories	164	-		164
Computer Lab.	11	-		11
Seminar Halls	19	--	University Fund,DST-PURSE, SAP, XI Plan	19
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	218	03	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	221
Value of the equipment purchased during the year (Rs. in Lakhs)	79	92	DST-PURSE, XIIth Plan, MFPI, SERB, UGC-SAP, University Fund	171
Others	11	48	-	59



## 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 document, 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	7895	31,35,829	172	89,280	8067	32,25,109
Reference Books	8461	44,81,289	76	1,92,652	8537	46,73,941
e-Books	238	11,04,347	222	16,90,222	460	27,94,569
Journals	286	4,54,750	84	1,40,960	370	5,95,710
e-Journals	135	44,79,407	48	16,45,060	183	61,24,467
Digital Database	07	35,11,825	04	22,03,323	11	57,15,148
CD & Video	1,770	Accompanied with book and donated	29	Accompanied with book and donated	1,799	Accompanied with book and donated
Others (specify)	Thesis and Dissertations – 10,208, Manuscripts – 6,923	Not Applied	Thesis and Dissertations – 502, Manuscripts - 2240	Not Applied	Thesis and Dissertations – 10,710, Manuscripts – 9,163	Not Applied.

## 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1792	01	35	25	01	01	34 + 10 Centres	USIC/ CFC
Added	179	00	00	10	--	--	--	--
Total	1971	01	35	35	01	01	34 + 10 Centres 38	02

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

Central browsing facility to all students and faculty on campus and off campus. Printing facility also provided. Maintenance of official website, campus network, upgradation of campus network is also monitor by Internet Unit. Bandwidth management, user authentication, Wi-Fi services to all users is also managed. Internet Lab is used for workshop, seminars, placement test etc.

## 4.6 Amount spent on maintenance in lakhs :

i) ICT	69
ii) Campus Infrastructure and facilities	559
iii) Equipments	193
iv) Others	00
<b>Total :</b>	<b>821</b>

## 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 23-08-2016 to 02-09-2016 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. 324 students attended the programme. Library visit (Library Tour) was also arranged between 23-08-2016 to 02-09-2016. 555 students visited the library under this tour period. In all, 879 students were oriented about the library.

##### **B) Workshops/User Awareness Program Arranged for students:**

- One Day workshop for persons with disabilities on Inclusion, Education and Accessibility on 6<sup>th</sup> January 2017
- One day user awareness program on 'EBSCO Database' for faculty and research students was held on 18<sup>th</sup> October, 2016

##### **C) Vachan Katta Programmes:**

- On account of Dr. A.P.J. Abdul Kalam birth anniversary, celebrated "Vacchan Purna Din" on 14<sup>th</sup> October 2016. On this occasion Dr. Bhimrao Gasti given a wonderful talk on his published literature.
- "Vacchan Katta" program on 2<sup>nd</sup> October 2016 at Mattoshri Vrudhashram, Kolhapur was organized.

##### **D) Other Student Support Services :**

- Digital launch of the RCIE Center, Shivaji University Kolhapur was made by Hon'ble HRD Minister Shri. Prakash Javadekar on 17<sup>th</sup> April 2017.
- Organized exhibition of Braille books and related equipments for disabled persons based on theme of national science day (NSD) at the extension building of library between the periods 28<sup>th</sup> February 2017 to 3<sup>rd</sup> March 2017. Hon. Vice-chancellor inaugurated the exhibition on 28<sup>th</sup> February 2017. Organized 'Braille Book Reading competition' on 3<sup>rd</sup> March 2017 for all the disabled students amongst the different blind schools from Kolhapur and Sangli District.
- On the occasion of Convocation, 'Granthmohatsav 2017' a mega book exhibition event was organized during 23<sup>rd</sup> February to 25<sup>th</sup> February 2017.
- On the occasion of 'Librarian's Day', on 12<sup>th</sup> August, 2016, inaugurated Kiosks system by Professor Ravindra Thakur, Marathi department, Shivaji University, Kolhapur.
- On the occasion of Barr. Balasaheb Khardekar birth anniversary on 1<sup>st</sup> August 2016 a book exhibition for the books completing 100 years of publications was organized by the library at new library building. 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
1772	3776	707	1387

## (b) No. of students outside the state

21

## (c) No. of international students

03

Men	No	%	Women	No	%
	04			01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3379	743	69	1842	06	6197	4252	1128	53	2209	30	7642

Demand ratio 1:2 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

100

## 5.5 No. of students qualified in these examinations

NET	48	SET/SLET	59	GATE	37	CAT	0
IAS/IPS etc	0	State PSC	05	UPSC	02	Others	12

## 5.6 Details of student counselling and career guidance

No. of students benefited

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
21	3000	1480	110

## 5.8 Details of gender sensitization programmes

The Maharashtra Public Universities Act 2016 states ‘promoting gender equality and sensitivity in society’ as one of the objectives of a Public University.

Shivaji University’s Centre for Women’s Studies has been contributing to gender sensitization of various stakeholders of the University as well as of other cross-sections of society. This is the prerequisite for attaining the long-term goal of gender equality.

In the year 2016-2017 the Centre continued the data collection for ongoing gender audit of Shivaji University towards contributing to making it a gender sensitive institution.

The Centre has successfully integrated gender sensitization in all its activities, which include teaching, research, advocacy, extension and documentation.

1.The Centre uses everyday events as teaching and learning materials for gender sensitization, For example: The Centre’s Director was the Resource Person for a national seminar at a Belgium-based college of Education on 26th November 2016. She saw a picture of the Students’ Council displayed in the Principal’s cabin. It consisted of about 15 men and five women. The Director asked the Principal about the gender balance in student enrollment and was told that there were 80 % women and only 20 % men. The Director sued this data during her seminar presentation. She pointed out how the numeric minority of 20% male students had managed to capture 75% seats on the Students’ Council and went on to spell out her proposal for resolving the deadlock over the Women’s Reservation Bill.

2.In order to ensure further gender sensitisation, the Class of M.A. in Women’s Studies was also encouraged to participate in this national seminar on 26th November 2016.

3.On 5th December 2016, the Director offered two gender sensitivity training sessions to University/ college teachers. These were organized by the Department of Technology during a Refresher Course. These sessions got an enthusiastic response from the participants.

4.On 8th March 2017, the International Women’s Day, the Centre held a workshop on “The Role of Men in the Prevention of Violence against Women”. This was appreciated by men who participated in equal numbers with women. Women as well as men emphasized the need for such workshops on wider scale. Dr. Smrutika Patil, the Visiting Counsellor and Dr. Akalpita Arvindekar, the Master Trainner in the UGC Scheme of Capacity Building of Women Managers in Higher Education were the resource persons in addition to Dr. Medha Nanivadekar, the Director of the Centre.

5.In order to sensitise various stakeholders to the gravity of the issue of sexual harassment at workplace, the Centre offered a Four-Credit Certificate Course on the Prevention of Sexual

## 5.9 Students Activities

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

State/ University level  National level  International level

## No. of students participated in cultural events

State/ University level

National level  International level

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

Sports : State/ University level

National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	670	3910000
Financial support from government	870	15918970
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  National level  International level

Exhibition: State/ University level  National level  International level



5.12 No. of social initiatives undertaken by the students

72

5.13 Major grievances of students (if any) redressed:

- 1) Major grievances are addressed amicably and the problems were addressed satisfactorily.
- 2) Grievances regarding results declared. Redressed in collaboration with exam section
- 3) To solve the grievances of the student we practice system of suggestion box wherein students put their demand, grievance or suggestion which is looked into by the committee to solve the issue.
- 4) The female students of the department had expressed a need for a separate ladies room. A temporary ladies room was provided for them.

## 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.

Further Turnstile security gate system is implemented at the reading hall of extension building of 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

The University Industry Interaction Cell (UIICell) is renamed as University Industry Interaction Center (UIIC) for widening the scope of activities related to industry and research. The prime objective of this center is to strengthen the relationship between the university and industry resulting in a mutually beneficial partnership. The services of UIIC include working on Research and Development Projects, Consultancy Services, Manpower Training, Chemical Analysis etc. The UIIC is very keen in collaborating with industrial organizations for working on various problems of mutual interest through the faculty members of various Post-Graduate Departments in the university campus. An international linkage with universities, institutes and industries abroad is one of the important plans of UIIC.

#### **ACTIVITIES OF UIIC IN THE ACADEMIC YEAR 2015-2016**

##### **A] Linkages established with industrial organizations:**

Kolhapur Engineering Association, Udyamnagar, Kolhapur; Shirolu Manufacturers Association (SMAK), Shirolu; Gokul Shirgaon Manufacturers Association (GOSIMA), Gokul Shirgaon; Manufacturers Association Kagal-Hupari Five Star MIDC, Kagal; Kolhapur Chamber of Commerce & Industry, Kolhapur; Confederation of Indian Industries South Maharashtra Zonal Council, Kolhapur and Confederation of Indian Industries, New Delhi.  
B] Industry-Academia Meet

The 'Industry-Academia Meet' was organized by the University Industry Interaction Center (UIIC) jointly with Center of Skill & Entrepreneurship Development and International Affairs Cell, Shivaji University, Kolhapur and CII-Southern Maharashtra Zonal Council was organized an Industry-Academia Meet on 9th and 10th March, 2017. Theme of the meet was "Innovation, Incubation and Collaborative Strategies". The topics of the panel discussion were 'Innovation and Incubation', 'Start-ups', 'Collaborative Strategies'. The sessions were attended by the industrialists in and around Kolhapur representing the various industrial sectors. The university show case was also arranged for the industrialists to explore the facilities in the university campus, may be useful for the industries.

##### **Photographs of Industry-Academia Meet**



Chief Guest: Mr. Pratap Puranik, Vice Chairman, CII South Zone Council (9.3.2017)



President of the function: Dr. V. D. Nandavadekar, Registrar, Shivaji University, Kolhapur (9.3.2017)



## 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 government 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	<ul style="list-style-type: none"> <li>- Insurance to 2,500 teachers in University and affiliated colleges</li> <li>- Day Care Centre</li> <li>- Teachers Personal Library Scheme for teachers</li> <li>- Emergency medical care</li> <li>- Publication grant</li> <li>- Travel Grant</li> <li>- Leave Travel Concession.</li> </ul>
Non-teaching	<ul style="list-style-type: none"> <li>- Insurance to Non-teaching staff</li> <li>- Day Care Centre</li> <li>- Employees Welfare Fund</li> <li>- Emergency medical care</li> <li>- Special provision for sports activities</li> <li>- Reimbursement of tuition fees for Class-IV</li> <li>- Purchase scheme of Computer and Bicycles</li> <li>- Concession in tuition fees</li> <li>- Procurement of books scheme for Class-IV</li> <li>- Festival Advance</li> <li>- Leave Travel Concession.</li> </ul>
Students	<ul style="list-style-type: none"> <li>- Insurance to 2,00,000 students in University and affiliated colleges.\</li> <li>- Earn and Learn Scheme for Men and Women</li> <li>- NET/SET and Remedial Coaching classes for SC/ST/OBC and Minority students.</li> <li>- Student aid fund</li> <li>- Competitive Examination Preparatory Classes/Entry into Services.</li> <li>- Work on Demand</li> </ul>

6.5 Total corpus fund generated

15541

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. Arranged workshops for college employee.
2. Appointment portal for teachers information
3. Launching of comprehensive examination portal is effected

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

Letter from State Project Director, Government of Maharashtra, State Project Directorate, RUSA, Deptt. of Higher & Tech. Education, Mumbai of Ref.No. DO/RUSA/2016-17/462, Dtd.16th Nov.,2016 has been circulated to all affiliated colleges /recognized institutes by Circular No.180, Dtd.21 <sup>st</sup> December,2016. At present, there are eight 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
7.	Annasaheb Dange College of Engg. & Technology, Ashta, Dist.Sangli	Sant Dyaneshwar Shikshan Sanstha, Islampur	2017-18 to 2022-23
8.	K.I.T.'s College of Engineering, Kolhapur.	Kolhapur Institute of Technology, Gokul Shirgaon, Kolhapur.	2017-18 to 2022-23
Autonomy of following colleges is in process - 1. Vivekanand College, Kolhapur 2. Rajaram College, Kolhapur 3. Y.C.Institute of Science, Satara 4. P.V.P.Institute of Technology, Budhgaon, Dist.Sangli (But now this college is affiliated to BATU)			

## 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 September),  
Wetland Day (2nd February),  
Environment Day (5th June),  
Earth Day (22nd March),  
Plantation drive ( from forest Department and University)  
Vermicomposting,  
Cleanliness drive (2nd October),  
Lectures on Environmental issues and Biodiversity conservation,  
No vehicle day  
Ecofriendly idol immersion,  
Noise and air pollution monitoring during festivals,  
Monitoring of Panchganga river



## 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. Documentation of rare manuscripts under the project sanctioned by Ministry of Culture, Government of India.
3. ‘VachanKatta’ Initiative to inculcate reading culture
4. Set up the Library of “Matoshri Vrushasharam”
5. Establishment of “Writing Laboratories” in SAP funded Departments
6. Biotech Day and Biotech Club are the major events in which the teaching staff and students get actively participated. Industrial visits and tours have been arranged to expose the students to various social and commercial activities.
7. Establishment of “Academic Resource Center” in Library
8. Establishment of Language Resource Centre at Department of English Wi-Fi enabled.
9. Moodle online teaching learning technique
10. Expert guiest lectures every Saturday.
11. Establishment of RUSA Centre for natural products and alternative medicines.
12. MDP was conducted for the HR Managers of different manufacturing industries in Kolhapur. This programme helped to strengthen the relations with the industries.
13. Started new M.Sc. course in Pharmaceutical Microbiology from the year 2016-17.
14. An interactive programme for the teachers and students of Russian, German and Japanese on cultural diversity.
15. General Health Awareness Programme for girl students.

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 sequestering 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	<i>Nirbhaya Abhiyan</i> was undertaken
5.	Nurturing Campus as a Bio-diversity Park	Environmental Consciousness initiatives listed below have been intensified: <ul style="list-style-type: none"> <li>• Campus Cleanliness</li> <li>• Tree Plantation</li> <li>• Rain water harvesting</li> <li>• Solid and Liquid Waste Disposal</li> <li>• Campus as Biodiversity Park</li> <li>• Solar street lamps</li> <li>• Environmental Day and Ozone Day Celebrations Earth Day</li> </ul>
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.	<p>Other quality initiatives planned and achieved are as follows:</p> <ol style="list-style-type: none"><li>1. Academic Resource Center</li><li>2. Writing Laboratories in the SAP Departments</li><li>3. Gender Audit</li><li>4. Monitoring of Progression of Minority Students</li><li>5. Smart Classroom in all departments under DST PURSE</li><li>6. Activities under NKN</li><li>7. Documentation of rare documents</li><li>8. Digitization of Examination Records</li><li>9. Digitization of records of various bodies</li><li>10. Intensification of teaching learning through MOODLE</li><li>11. Research Policy formulation</li><li>12. Acquisition of plagiarism software</li></ol>	<p>All the points mentioned in the left hand side column have been fulfilled.</p>
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9.	<p>Following benchmarking initiatives were planned:</p> <ol style="list-style-type: none"> <li>1. Formation of Curriculum Development Committee/Cell</li> <li>2. University sponsored Post-Doctoral Fellowships for the faculty, staff and students.</li> <li>3. Research grants to faculty, staff and students.</li> <li>4. Incentives for Outstanding Work of the Faculty, Staff and Students</li> <li>5. Online courses to be introduced in the University.</li> <li>6. Mentoring system for University Departments and affiliated colleges</li> <li>7. Teaching Plan of the faculty</li> <li>8. Teaching Learning Monitoring Committee</li> <li>9. Innovation and Incubation Cell</li> <li>10. Teachers Training Centre.</li> <li>11. Workshop on "Outcome Based Modular Syllabus"</li> <li>12. Enrichment Programme for teaching and administrative staff</li> </ol>	<p>All the benchmarking initiatives planned and presented in the left hand column have been achieved.</p>
10.	<p>During the reporting period Shivaji University underwent third cycle of reaccreditation.</p>	<p>Shivaji University was awarded NAAC 'A' grade with CGPA 3.16.</p>



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

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

## 7.4 Contribution to environmental awareness / protection

Shivaji university is located in Kolhapur city and it is around 30 kilometers away from Western Ghats which is a World Biodiversity Hot Spot. Botanical Garden of Botany Department has nurtured rare plants from Western Ghat. The University is conscious about environment and tries to create environmental awareness among all its stakeholders. The University authorities are very keen on making the campus eco-friendly by adopting certain measures. University has adopted outsourcing policy for daily cleaning of buildings and surroundings. The faculty, Staff and students are keen on clean campus and takes cleanliness drive on 2nd October as well as during working. University practices energy conservation and all street lights and tube lights in the buildings are replaced by LEDs. University has two mini irrigation percolation dams on the campus and self sufficient in water. Only in odd situation in summer season University buys water from Kolhapur Municipal Corporation.

Sewage treatment plant, rain water harvesting and plantation drive is also undertaken for making campus clean, green and healthy.

The campus observes "No Vehicle Day" on every first Saturday of month which conserves around 120 liters of fuel reducing emission of carbon.

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

Celebration of Ozone Day (16th September),

Wetland Day (2nd February),

Environment Day (5th June),

Earth Day (22nd March),

Plantation drive ( from forest Department and University)

Vermicomposting,

Cleanliness drive (2nd October),

Lectures on Environmental issues and Biodiversity conservation,

No vehicle day

Ecofriendly idol immersion,

Noise and air pollution monitoring during festivals,

Monitoring of Panchganga river

No vehicle day

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 Hon'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

*Name : Prof. (Dr.) R. K. Kamat*

*Name : Prof. (Dr.) Devanand B. Shinde*

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\_\_\_\_\_  
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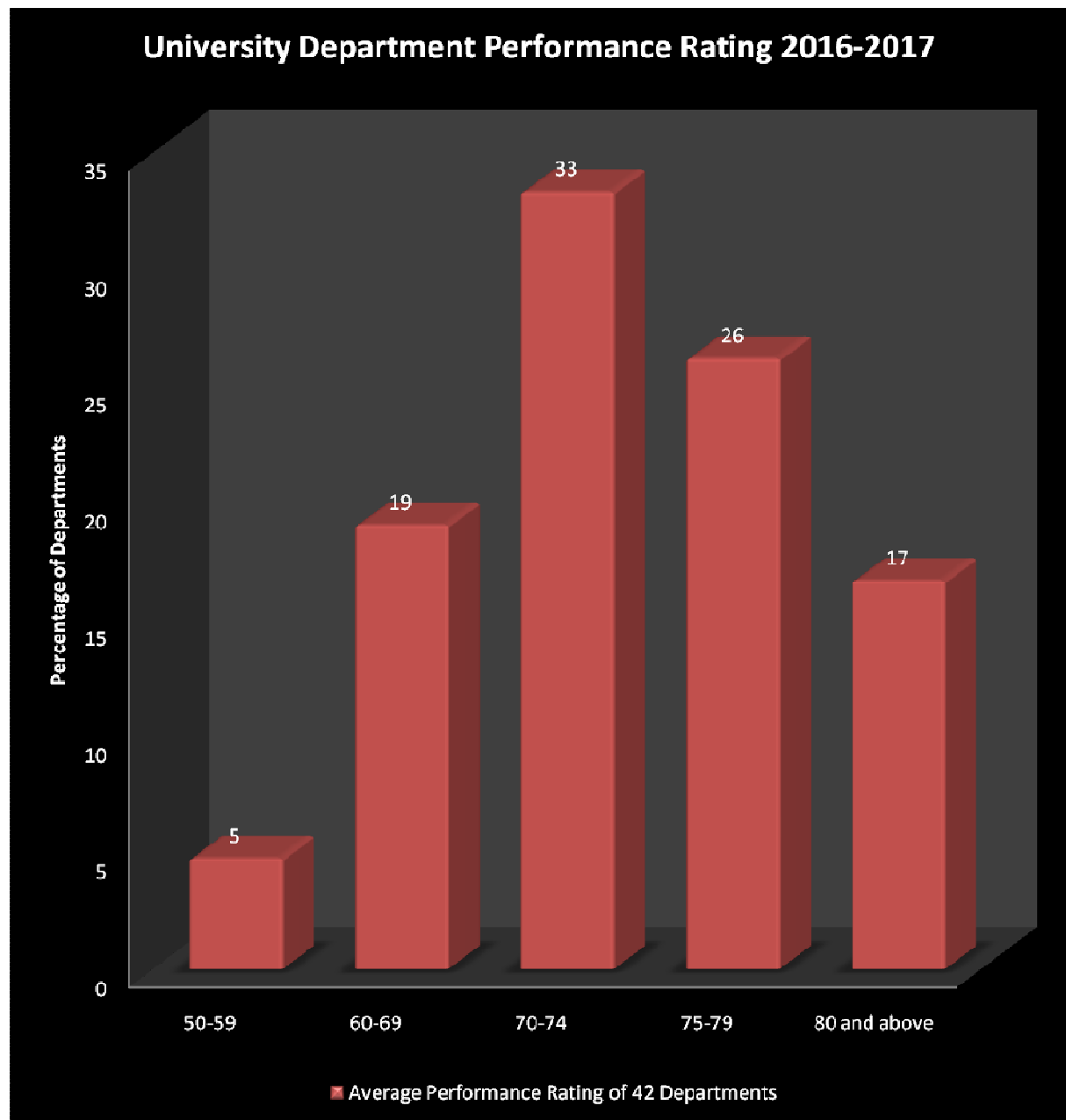
# **Annexure-I**

# **Feedback**

# **Analysis**



## Feedback Analysis



# **Annexure-II**

## **Academic**

## **Calendar**



# [Academic Calendar]



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## July 2016

~ July 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					<b>1</b> Monthly Departmental Meeting (Department of Sociology) Meeting Related to UGC XII Plan (Department of Microbiology) First Meeting of B.A.- I English (Distance Education Centre)	<b>2</b> Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development)



~ July 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>3</b> Meeting of the Departmental Committee (Department of Political Science)	<b>4</b> Meeting of the Equivalence Standing Committee Meeting of the Departmental Divisional Committee (Department of Electronics)	<b>5</b> Meeting Related to Departmental Library (Department of Microbiology) Meeting of the Admission Committee (Department of History) First Meeting of B.A.- I Marathi (Distance Education Centre)	<b>6</b> Second Meeting of MOV (Sem.II) (Distance Education Centre)	<b>7</b>	<b>8</b> Meeting of the Finance & Accounts Committee Meeting of the Department Committee (Department of Economics) Meeting Regarding Paper Parping (Department of Microbiology) First Meeting of B.A.- I Hindi (Distance Education Centre) Orientation to the M.Sc. Mathematics (New) Study Centre (Distance Education Centre)	<b>9</b> Workshop on Educational Loan for Students (Department of Commerce & Management) Parent's Meet (Department of Foodscience & Technology)

~ July 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>10</b>	<b>11</b> First Meeting of B.A.- I History (Distance Education Centre)	<b>12</b> Meeting of the Changes in Staff Committee Meeting of the Advisory & Fund Collection Committee (Bhagwan Mahaveer Adhyasan) Meeting of the consideration of workshop/ training programmes for the changed new syllabus and sanction financial grants under University funds. First Meeting of B.A.- I Urdu, Sanskrit, Ardhamagadh i (Distance Education Centre)	<b>13</b> Board of Examination	<b>14</b> Meeting of the Lapses Committee Meeting of the Purchase Committee Meeting of the B.C.U.D. First Meeting of B.A.- I Political Science (Distance Education Centre) First Meeting of B.A.- I Economics (Distance Education Centre) Meeting of the Co-ordinating Committee in Hindi Meeting of the Co-ordinating Committee in Marathi Meeting of the Co-ordinating Committee in Economics Meeting of the Co-ordinating Committee in History Meeting of the Co-ordinating Committee in Mathematics Meeting of the Co-ordinating Committee in Microbiology Meeting of the Co-ordinating Committee in Civil Engineering Meeting of the Co-ordinating Committee in Mechanical Engineering	<b>15</b> Meeting of the Lapses Committee Meeting of the Lapses Committee Mentor Meeting (Department of Sociology) Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development) Second Meeting of B.A.- I English (Distance Education Centre) Meeting of the Co-ordinating Committee in English Meeting of the Co-ordinating Committee in Sanskrit Meeting of the Co-ordinating Committee in Social Work Education Meeting of the Co-ordinating Committee in Sociology & Anthropology Meeting of the Co-ordinating Committee in Statistics Meeting of the Co-ordinating Committee in Physics Meeting of the Co-ordinating Committee in Electrical Engineering Meeting of the Co-ordinating Committee in General Engineering	<b>16</b> Meeting of the Co-ordinating Committee in Portrait/Composition/ Land Scape Meeting of the Co-ordinating Committee in Music Meeting of the Co-ordinating Committee in Psychology Meeting of the Co-ordinating Committee in Political Science Meeting of the Co-ordinating Committee in Electronics Meeting of the Co-ordinating Committee in Chemistry Meeting of the Co-ordinating Committee in Automobile Engineering Meeting of the Co-ordinating Committee in Chemical Engineering

~ July 2016 ~

Sun	Mon	Tue	Wed	Thu	Fri	Sat
17	18 Meeting of the SAP Advisory Committee (Department of Sociology) First Meeting of B.A.- I Sociology (Distance Education Centre) First Meeting of B.A.- I Philosophy & Education (Distance Education Centre) Meeting of the Co-ordinating Committee in Dramatics Meeting of the Co-ordinating Committee in Ardhmagadhi Meeting of the Co-ordinating Committee in Lib. Info. Science Meeting of the Co-ordinating Committee in Bachelor of Journalism & Communication Meeting of the Co-ordinating Committee in Botany Meeting of the Co-ordinating Committee in Zoology	19 First Meeting of B.A.- I Geography (Distance Education Centre) Meeting of the Co-ordinating Committee in Linguistics Meeting of the Co-ordinating Committee in B.I.D./D.I.D.D. Meeting of the Co-ordinating Committee in Mass Communication Co-ordinating Committee in Social Exclusion & Inclusion Meeting of the Co-ordinating Committee in Geology Meeting of the Co-ordinating Committee in Geography Meeting of the Co-ordinating Committee in Electronics Engineering Meeting of the Co-ordinating Committee in Pharmacy	20 Adult & Continuing Education Extension Services Committee Meeting of the Buildings & Works Committee Meeting of the Yuva Mahotsav Committee Second Meeting of B.A.- I Marathi (Distance Education Centre) First Meeting of B.A.- I Psychology (Distance Education Centre) First Unit Submission Meeting of B.Com.- I Business Economics (Distance Education Centre) Meeting of the Co-ordinating Committee in B.D.F.C. Meeting of the Co-ordinating Committee in Modern Foreign Languages other than English Meeting of the Co-ordinating Committee in N.C.C. Meeting of the Co-ordinating Committee in Jainology Meeting of the Co-ordinating Committee in Bio-Technology Meeting of the Co-ordinating Committee in Business Economics, Banking, Mathematics & Statistics Meeting of the Co-ordinating Committee in Commerce, Mercantile & Industrial Law Meeting of the Co-ordinating Committee in Retail Management & IT (B.Voc.) Meeting of the Co-ordinating Committee in Bio-Technology Engineering	21 Meeting of the Advisory Committee (Department of Gandhi Study Centre) Meeting of the Co-ordinating Committee in Bachelor of Design Meeting of the Co-ordinating Committee in Bachelor of Design Meeting of the Co-ordinating Committee in Urdu-Persian Meeting of the Co-ordinating Committee in N.S.S. Meeting of the Co-ordinating Committee in Women's Studies Meeting of the Co-ordinating Committee in Environmental Science Meeting of the Co-ordinating Committee in Food Science & Technology Meeting of the Co-ordinating Committee in Accountancy & Auditing, Actuarial Science & Cost Accountancy Meeting of the Co-ordinating Committee in Business Management Meeting of the Co-ordinating Committee in Electronics & Tele. Engineering Meeting of the Co-ordinating Committee in Technology	22 Meeting of the Management Council Second Meeting of B.A.- I Hindi (Distance Education Centre) First Unit Submission Meeting of B.Com.- I Principal of Business Management (Distance Education Centre) Meeting of the Co-ordinating Committee in Kannada Meeting of the Co-ordinating Committee in Graphic Design (B.Voc) Meeting of the Co-ordinating Committee in Gandhian Studies Meeting of the Co-ordinating Committee in Philosophy & Logic Meeting of the Co-ordinating Committee in Industrial Chemistry Meeting of the Co-ordinating Committee in Computer Science Meeting of the Co-ordinating Committee in Electrical & Electronics Engineering Meeting of the Co-ordinating Committee in Production Engineering B.A.B.Ed. Syllabus Orientation at Mahaveer	23 B.A.B.Ed. Syllabus Orientation at Mahaveer College, Kolhapur & KHC, College, Gargoti (Department of Education)

~ July 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25 First Unit Submission Meeting of B.Com.- I Financial Accounting (Distance Education Centre) Meeting of the Co-ordinating Committee in Bio-Chemistry Meeting of the Co-ordinating Committee in Bio-Chemistry Meeting of the Co-ordinating Committee in Agrochemical & Pest Management Meeting of the Co-ordinating Committee in Instrumentation Engineering Meeting of the Co-ordinating Committee in Textile Engineering Meeting of the Co-ordinating Committee in Environmental Engineering	26 Second Meeting of B.A.- I Urdu, Sanskrit, Ardhamagadhi (Distance Education Centre) Meeting of the Co-ordinating Committee in Nano Science & Technology Meeting of the Co-ordinating Committee in Forensic Science Meeting of the Co-ordinating Committee in Sugar-Alcohol Technology & Allied subject Meeting of the Co-ordinating Committee in Education Meeting of the Co-ordinating Committee in Physical Education Meeting of the Co-ordinating Committee in Architecture Engineering Meeting of the Co-ordinating Committee in Computer Science & Engineering Meeting of the Co-ordinating Committee in Law Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Law Faculty	27 Meeting of the Lapses Committee First Unit Submission Meeting of B.Com.- I Principal of Marketing (Distance Education Centre) Meeting of the Co-ordinating Committee in Food Processing and Management (B.Voc) Meeting of the Co-ordinating Committee in Foundry Technology (B.Voc) Meeting of the Co-ordinating Committee in Automobile (B.Voc) Meeting of the Co-ordinating Committee in Aeronautical Engineering Meeting of the Co-ordinating Committee in Mechanical Engineering	28 Meeting of the Lapses Committee Meeting of the Faculty Officers (Department of Biotechnology) Meeting of the Co-ordinating Committee in Printing & Publishing (B.Voc) Meeting of the Co-ordinating Committee in Computer Based Textile Design Multi-Faculty Board for Master of Valuation (Under Faculty of IDS)	29 First Unit Submission Meeting of B.Com.- I Insurance (Distance Education Centre) Multi-Faculty Board for Rural Development	30 Meeting of the Maharashtra rajya Castribe Karmachari Mahasangh, Pune Meeting of the Castribe University Teachers Association Meeting of the Computer Science Department Mentor Meeting (Department of Sociology) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Meeting of the Departmental Committee & Synopsis Scrutiny Committee (Department of History) Shramdan (Department of Physics)
31						



## August 2016

~ August 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<b>1</b> Monthly Departmental Meeting (Department of Sociology) Meeting of the Departmental Divisional Committee (Department of Electronics) First Unit Submission Meeting of B.Com.- I Business Mathematics (Distance Education Centre)	<b>2</b> Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development) Fresher's Day Function (Department of Law)	<b>3</b> Meeting of the Departmental Committee (Department of Political Science)	<b>4</b>	<b>5</b> Environmental Awareness Programme (Department of Sociology)	<b>6</b> Parent's Meet (Department of Technology)
<b>7</b> Parents Meet (Department of Biotechnology)	<b>8</b> Meeting of the Ph.D. Scrutiny Committee (Department of Biotechnology) Second Meeting of B.Com.- I Business Economics (Distance Education Centre) Street Play on Save Baby Campaign (Department of Sociology)	<b>9</b> Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Arts & Fine Arts Faculty	<b>10</b> Second Meeting of B.Com.- I Principal of Business Management (Distance Education Centre)	<b>11</b> Meeting of the Lapses Committee	<b>12</b> Meeting of the Lapses Committee Meeting of the Finance & Accounts Committee Meeting of the Department Committee (Department of Economics) Second Meeting of B.Com.- I Financial Accounting (Distance Education Centre) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Social Science Faculty	<b>13</b>

~ August 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>14</b>	<b>15</b> Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)	<b>16</b> Meeting of the University Department Students Council (First Meeting) Meeting of the Faculty (Department of Computer Science) Mentor Meeting (Department of Sociology) Second Meeting of B.Com.- I Principal of Marketing (Distance Education Centre) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Science Faculty	<b>17</b>	<b>18</b> Meeting of the Advisory Committee (Centre for Women's Studies)	<b>19</b> Meeting of the Purchase Committee Educational Visit to Kagal Balgruha (Department of Law) Meeting of the Lead College Apex Committee Second Meeting of B.Com.- I Insurance (Distance Education Centre) Training on Moodle Course Management for M.A. Students (Department of Sociology) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Commerce Faculty Meeting of the Statute Committee	<b>20</b> Parent's Meet (Department of M.A. Mass Communication) Academic Committee to sanction financial assistance to teachers for attending Conference/Seminar/Workshop etc. held abroad under UGC unassigned grant and University fund Staff Meeting (Distance Education Centre)

~ August 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>21</b>	<b>22</b> Second Meeting of B.Com.- I Business Mathematics (Distance Education Centre) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Education Faculty	<b>23</b> Staff Meeting (Distance Education Centre)	<b>24</b> Meeting of the RR Committee (Department of Biotechnology)	<b>25</b> Meeting of the Lapses Committee	<b>26</b> Meeting of the Management Council Meeting of the Lapses Committee Educational Visit to Matoshree Old Age Home (Department of Law) Meeting of the BOS Committee (Department of Biotechnology) Awareness Programme on Poverty and Social Inequalities (Department of Sociology) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Engineering Faculty	<b>27</b> Meeting of the Faculty (Department of Computer Science) Meeting of the Departmental Committee (Department of History)

~ August 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29 Communicati on Skill Development Workshop for M.A. Students (Department of Sociology)	30 Communicati on Skill Development Workshop for M.A. Students (Department of Sociology) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) State Level Conference on Lokpatrakar Dr.Babasaheb Ambedkar (Department of M.A. Mass Communicati on) Meeting of the Seminar Committee (Department of History)	31 State Level Conference on Lokpatrakar Dr.Babasaheb Ambedkar (Department of M.A. Mass Communicati on)			

## September 2016

~ September 2016 ~						
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Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>1</b> Monthly Departmental Meeting (Department of Sociology) Staff Meeting (Distance Education Centre)	<b>2</b> Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development) Meeting of the Faculty Officers (Department of Biotechnology)	<b>3</b> Meeting of the Departmental Committee (Department of Political Science)
<b>4</b>	<b>5</b> Meeting of the Departmental Divisional Committee (Department of Electronics) Teacher's Day Celebration (All Department)	<b>6</b> Meeting of the Late D.S. Alias Dada Chavan Award Meeting of the Academic Council	<b>7</b> Environmental Awareness Programme (Department of Sociology)	<b>8</b> Workshop for Women Panchayat Samiti Members (Department of Sociology) Meeting of the Faculty Officers (Purchase Committee) (Department of Biotechnology)	<b>9</b> Meeting of the Departmental Committee (Department of Economics) Industry Insitute Interaction Programme (Department of M.B.A.) Meeting of the Departmental Purchase Committee (Department of Microbiology)	<b>10</b>

~ September 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>11</b>	<b>12</b> Aids Awareness Champaign (Department of Sociology) Parents Meet (Department of Education)	<b>13</b> Meeting of B.Com.- I Business Economics (Distance Education Centre)	<b>14</b> Meeting of the Finance & Accounts Committee Meeting of the Buildings & Works Committee Mentor Meeting (Department of Sociology)	<b>15</b> Meeting of the Lapses Committee Engineer's Day (Department of Technology) Educational Industrial Visit (Department of M.B.A.) Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)	<b>16</b> Meeting of the Lapses Committee Meeting of the I.Q.A.C. Committee Staff Meeting (Distance Education Centre) Meeting of B.Com.- I Principal of Business (Distance Education Centre)	<b>17</b> Legal Aid Camp (Department of Law) Meeting of the Faculty (Department of Computer Science) Executive Development Programme (Department of Commerce & Management)

~ September 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>18</b> Executive Development Programme (Department of Commerce & Management)	<b>19</b> Meeting of the Purchase Committee NET / SET Workshop (Department of Sociology) Meeting of B.Com.- I Financial Accounting (Distance Education Centre)	<b>20</b> NET / SET Workshop (Department of Sociology)	<b>21</b> NET / SET Workshop (Department of Sociology) National Conference on Journalistic Views (Department of M.A. Mass Communication)	<b>22</b> NET / SET Workshop (Department of Sociology) Meeting of the University Standing Committee Meeting of the University Standing Committee National Conference on Journalistic Views (Department of M.A. Mass Communication) Meeting of B.Com.- I Principal of Marketing (Distance Education Centre)	<b>23</b> NET / SET Workshop NET / SET Workshop	<b>24</b> NET / SET Workshop Educational Visit to Kalamba Central Jail, Kolhapur (Department of Law) Energy Conservation (Department of Technology) Meeting of the Departmental Committee (Department of History)

~ September 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>25</b> Meeting of the Computer Science Department	<b>26</b> Meeting of the University Students Council (First Meeting) Awareness Programme on Poverty and Social Inequalities (Department of Sociology) Meeting of B.Com.- I Insurance (Distance Education Centre)	<b>27</b>	<b>28</b> Meeting of the Management Council Meeting of the Lapses Committee	<b>29</b> Meeting of B.Com.- I Business Mathematics (Distance Education Centre)	<b>30</b> Mentor Meeting (Department of Sociology) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Departmental Committee Meeting (Department of Microbiology) Meeting of the Synopsis Scrutiny Committee (Department of History)	

## October 2016

~ October 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat



~ October 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						<b>1</b> Monthly Departmental Meeting (Department of Sociology)
<b>2</b> Shramdan & Cleaning Day	<b>3</b> Monthly Departmental Meeting (Department of Sociology) Shramdan & Cleaning Day Meeting of the Departmental Divisional Committee (Department of Electronics) Meeting of the Departmental Committee (Department of Political Science) Meeting of the Faculty Officers (Students matters / Grivences / Suggetions) (Department of Biotechnology) National Workshop on Research Methodology (Department of Commerce & Management)	<b>4</b>	<b>5</b> Meeting of the Yuva Mahotsav Committee	<b>6</b>	<b>7</b> Meeting of the Lapses Committee Meeting of the Equivalence Standing Committee Skill Development Workshop (Department of M.B.A.) Meeting of the Computer Science Department Meeting of the Department Committee (Department of Economics)	<b>8</b> Skill Development Workshop (Department of M.B.A.) Poster Presentation on Save Baby Campaign (Department of Sociology)

~ October 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>9</b>	<b>10</b> One Day Workshop (Bhagwan Mahaveer Adhyasan) Departmental IQAC Meeting (Department of Biotechnology ) Meeting of the Annual Report Committee Meeting of the B.C.U.D.	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b> Meeting of the Finance & Accounts Committee Meeting of the Changes in Staff Committee	<b>15</b> World Food Day (Department of Technology) World Food Day (Department of Foodscience & Technology) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)
<b>16</b>	<b>17</b> Mentor Meeting (Department of Sociology)	<b>18</b> National Seminar (Department of Law)	<b>19</b>	<b>20</b> National Conference (Department of Technology)	<b>21</b> Meeting of the Purchase Committee National Conference (Department of Technology) Seminar for M.A. Students (Department of Sociology)	<b>22</b> Seminar for M.A. Students (Department of Sociology)

~ October 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
23	24	25 Meeting of the Chh. Shahu Maharaj Maratha History Centre Advisory Committee (Department of History)	26 Awareness Programme on Poverty and Social Inequalities (Department of Sociology) Meeting of the Management Council	27 Meeting of the Faculty (Department of Botany) First Term Ending Meeting (Department of Sociology) Educational Industrial Visit (Department of M.B.A.) Educational Industrial Visit (Department of M.B.A.) Meeting of the Departmental Committee (Department of History)	28	29
30	31					

## November 2016

~ November 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat

~ November 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development)	3 Meeting of the Departmental Committee (Department of Political Science)	4	5 Meeting of the Computer Science Department
6	7 26 <sup>th</sup> Annual IAAT Conference and International Seminar (Department of Botany) Meeting of the Departmental Divisional Committee (Department of Electronics) Foundation Day of the Department of Education	8 26 <sup>th</sup> Annual IAAT Conference and International Seminar (Department of Botany)	9 26 <sup>th</sup> Annual IAAT Conference and International Seminar (Department of Botany) Meeting of the Finance & Accounts Committee Academic Committee to sanction financial assistance to University & Affiliated College teachers for attending Conference/ Seminar/ Workshop etc. held abroad under UGC unassigned grant and University fund	10 Meeting of the Lapses Committee Alumini Meet (Department of Education)	11 Meeting of the Lapses Committee Meeting of the Department Committee (Department of Economics)	12



~ November 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>13</b>	<b>14</b>	<b>15</b> Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)	<b>16</b> Meeting of the Purchase Committee Meeting of the Faculty (Department of Botany) Biotechnology Day Calibration (Department of Biotechnology)	<b>17</b>	<b>18</b> University Foundation Day	<b>19</b> Establishment Day of Department of Sociology Meeting of the Academic Council
<b>20</b>	<b>21</b> Remedial Coaching Classes for M.A. Students (Department of Sociology)	<b>22</b> Meeting of the Annual Report Committee Staff Meeting (Distance Education Centre) Remedial Coaching Classes for M.A. Students (Department of Sociology)	<b>23</b> Meeting of the Buildings & Works Committee Meeting of the Grievance Committee Remedial Coaching Classes for M.A. Students (Department of Sociology)	<b>24</b> Meeting of the Lapses Committee Remedial Coaching Classes for M.A. Students (Department of Sociology)	<b>25</b> Meeting of the Lapses Committee, Meeting to sanction financial grants to the University & Affiliated College teachers for attending Conference/ Seminar/ Workshop etc. held within country under UGC, unassigned grants and University funds respectively. Remedial Coaching Classes for M.A. Students (Department of Sociology)	<b>26</b> Meeting of the Departmental Committee (Department of History) Remedial Coaching Classes for M.A. Students (Department of Sociology) Meeting of the Faculty (Department of Computer Science) Meeting of the Faculty (Department of Microbiology)

~ November 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30 Meeting of the Management Council Mentor Meeting (Department of Sociology) Meeting of the Synopsis Scrutiny Committee (Department of History)			

## December 2016

~ December 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat

~ December 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Monthly Departmental Meeting (Department of Sociology)	2 Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development) Meeting of the Faculty Officers (Time table / Work load distribution) (Department of Biotechnology)	3 Meeting of the Departmental Committee (Department of Political Science)

~ December 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
4	5 Meeting of the Departmental Divisional Committee (Department of Electronics) NET Coaching Workshop (Department of Microbiology) Environmental Awareness Programme (Department of Sociology) Meeting of the Co-ordinating Committee in Hindi Meeting of the Co-ordinating Committee in Marathi Meeting of the Co-ordinating Committee in Economics Meeting of the Co-ordinating Committee in History Meeting of the Co-ordinating Committee in Mathematics Meeting of the Co-ordinating Committee in Microbiology	6 NET Coaching Workshop (Department of Microbiology) Board of Examination Let. R.N. Godbole Memorial Lecture (Department of Commerce & Management) Meeting of the Co-ordinating Committee in English Meeting of the Co-ordinating Committee in Sanskrit Meeting of the Co-ordinating Committee in Social Work Education Meeting of the Co-ordinating Committee in Sociology & Anthropology Meeting of the Co-ordinating Committee in Statistics Meeting of the Co-ordinating Committee in Physics	7 NET Coaching Workshop (Department of Microbiology) National Seminar (Department of Commerce & Management) Meeting of the Co-ordinating Committee in Portrait/Composition/Land Scape Meeting of the Co-ordinating Committee in Music Meeting of the Co-ordinating Committee in Psychology Meeting of the Co-ordinating Committee in Political Science Meeting of the Co-ordinating Committee in Electronics	8 Meeting of the Lapses Committee NET Coaching Workshop (Department of Microbiology) Save Baby Awareness Programme in village of Kolhapur District (Department of Sociology) Meeting of the Co-ordinating Committee in Dramatics Meeting of the Co-ordinating Committee in Ardhmagadhi Meeting of the Co-ordinating Committee in Lib. Info. Science Meeting of the Co-ordinating Committee in Bachelor of Journalism & Communication Meeting of the Co-ordinating Committee in Botany Meeting of the Co-ordinating Committee in Zoology	9 Meeting of the Lapses Committee Meeting of the Finance & Accounts Committee Meeting of the Computer Science Department Meeting of the Department Committee (Department of Economics) NET Coaching Workshop (Department of Microbiology) Meeting of the Co-ordinating Committee in Linguistics Meeting of the Co-ordinating Committee in B.I.D./D.I.D.D. Meeting of the Co-ordinating Committee in Mass Communication Co-ordinating Committee in Social Exclusion & Inclusion Meeting of the Co-ordinating Committee in Education Meeting of the Co-ordinating Committee in Physical Education Meeting of the Co-ordinating Committee in Geology Meeting of the Co-ordinating Committee in Geography	10 NET Coaching Workshop (Department of Microbiology)



~ December 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>11</b> NET Coaching Workshop (Department of Microbiology)	<b>12</b> NET Coaching Workshop (Department of Microbiology)	<b>13</b> Meeting of the Management Council NET Coaching Workshop (Department of Microbiology) Meeting of the Annual Report Committee Meeting of the Co-ordinating Committee in B.D.F.C. Meeting of the Co-ordinating Committee in Modern Foreign Languages other than English Meeting of the Co-ordinating Committee in N.C.C. Meeting of the Co-ordinating Committee in N.S.S. Meeting of the Co-ordinating Committee in Home Science Meeting of the Co-ordinating Committee in Bio-Technology	<b>14</b> Meeting of the Co-ordinating Committee in Bachelor of Design Meeting of the Co-ordinating Committee in Urdu-Persian Meeting of the Co-ordinating Committee in Jainology Meeting of the Co-ordinating Committee in Women's Studies Meeting of the Co-ordinating Committee in Environmental Science Meeting of the Co-ordinating Committee in Food Science & Technology	<b>15</b> Alumni Meet (Department of Physics) Mentor Meeting (Department of Sociology) Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development) Meeting of the Co-ordinating Committee in Kannada Meeting of the Co-ordinating Committee in Graphic Design (B.Voc) Meeting of the Co-ordinating Committee in Gandhian Studies Meeting of the Co-ordinating Committee in Philosophy & Logic Meeting of the Co-ordinating Committee in Industrial Chemistry Meeting of the Co-ordinating Committee in Agrochemical & Pest Management Meeting of the Co-ordinating Committee in Computer Science Meeting of the Co-ordinating Committee in Bio-Chemistry	<b>16</b> Meeting of the Purchase Committee Meeting of the Co-ordinating Committee in Nano Science & Technology Meeting of the Co-ordinating Committee in Forensic Science Meeting of the Co-ordinating Committee in Sugar-Alcohol Technology & Allied subject Meeting of the Co-ordinating Committee in Food Processing and Management (B.Voc)	<b>17</b> Meeting of the Co-ordinating Committee in Foundry Technology (B.Voc) Meeting of the Co-ordinating Committee in Automobile (B.Voc) Meeting of the Co-ordinating Committee in Printing & Publishing (B.Voc) Meeting of the Co-ordinating Committee in Computer Based Textile Design

~ December 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>18</b>	<b>19</b> Meeting of the Maharashtra Rajya Castribe Karmachari Mahasangh, Pune Meeting of the Castribe University Teachers Association Skill Development Programme for M.A. Students (Department of Sociology)	<b>20</b> Lecture of Prof. J. K. Patil (Bhagwan Mahaveer Adhyasan) Skill Development Programme for M.A. Students (Department of Sociology) Meeting of the Co-ordinating Committee in Accountancy & Auditing, Actuarial Science & Cost Accountancy Meeting of the Co-ordinating Committee in Business Management Meeting of the Co-ordinating Committee in Business Economics, Banking, Mathematics & Statistics Meeting of the Co-ordinating Committee in Commerce, Mercantile & Industrial Law Meeting of the Co-ordinating Committee in Retail Management & IT (B.Voc.)	<b>21</b> Skill Development Programme for M.A. Students (Department of Sociology) Multi-Faculty Board for Master of Valuation	<b>22</b> Meeting of the I.Q.A.C. Committee Skill Development Programme for M.A. Students (Department of Sociology)	<b>23</b> Skill Development Programme for M.A. Students (Department of Sociology) Multi-Faculty Board for Rural Development	<b>24</b> Skill Development Programme for M.A. Students (Department of Sociology)

~ December 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26 Awareness Programme on Poverty and Social Inequalities (Department of Sociology)	27 Meeting of the Lapses Committee Meeting of the Co-ordinating Committee in Law Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Law Faculty	28 Meeting of the Lapses Committee	29	30 Mentor Meeting (Department of Sociology) Meeting of the Senate	31 Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Meeting of the Departmental Committee (Department of History) Faculty Officers & Research Scholars Meet (Department of Biotechnology)

## January 2017

~ January 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 B.Sc. Students Meet (Department of Physics) Monthly Departmental Meeting (Department of Sociology) Meeting of the Departmental Divisional Committee (Department of Electronics) Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development) Third Meeting of MOV SIM Preparation (Distance Education Centre) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Education Faculty	3 Meeting of the Departmental Committee (Department of Political Science)	4 Meeting of the Faculty Officers (Department of Biotechnology) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Arts & Fine Arts Faculty	5 Environmental Awareness Programme (Department of Sociology)	6 Special Guest Lecture (Department of M.A. Mass Communication)	7



~ January 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
8	9 Meeting of the Equivalence Standing Committee International Conference (Department of Commerce & Management) UGC Remedial Coaching Workshop (Department of Microbiology) Meeting of the Co-ordinating Committee in Automobile Engineering Meeting of the Co-ordinating Committee in Chemical Engineering Meeting of the Co-ordinating Committee in Electronics Engineering Meeting of the Co-ordinating Committee in Pharmacy Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Social Science Faculty Meeting of the Academic Council	10 International Conference (Department of Commerce & Management) Meeting of the Staff Committee UGC Remedial Coaching Workshop (Department of Microbiology) Meeting of the Co-ordinating Committee in Automobile Engineering Meeting of the Co-ordinating Committee in Chemical Engineering Meeting of the Co-ordinating Committee in Electronics Engineering Meeting of the Co-ordinating Committee in Pharmacy Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Social Science Faculty Meeting of the Academic Council	11 Faculty Development Programme for Management Teachers (Department of M.B.A.) UGC Remedial Coaching Workshop (Department of Microbiology) Meeting of the Publication Committee to sanction Grants for Ph.D. theses publication Meeting of the Co-ordinating Committee in Bio-Technology Engineering Meeting of the Co-ordinating Committee in Information Technology Meeting of the Co-ordinating Committee in Electronics & Tele. Engineering Meeting of the Co-ordinating Committee in Technology Meeting of the Co-ordinating Committee in Instrumentation Engineering	12 Faculty Development Programme for Management Teachers (Department of M.B.A.) UGC Remedial Coaching Workshop (Department of Microbiology) Engineering Meeting of the Co-ordinating Committee in Electrical & Electronics Meeting of the Co-ordinating Committee in Production Engineering Meeting of the Co-ordinating Committee in Textile Engineering Meeting of the Co-ordinating Committee in Environmental Engineering	13 Meeting of the Finance & Accounts Committee Meeting of the Lapses Committee Meeting of the Computer Science Department Meeting of the Department Committee (Department of Economics) Faculty Development Programme for Management Teachers (Department of M.B.A.) UGC Remedial Coaching Workshop (Department of Microbiology) Meeting of the Co-ordinating Committee in Architecture Engineering Meeting of the Co-ordinating Committee in Computer Science & Engineering Meeting of the Co-ordinating Committee in Aeronautical Engineering Meeting of the Co-ordinating Committee in Mechanical Engineering Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Science Faculty	14 Meeting of the Lapses Committee Faculty Development Programme for Management Teachers (Department of M.B.A.) UGC Remedial Coaching Workshop (Department of Microbiology) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)

~ January 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>15</b>	<b>16</b> Mentor Meeting (Department of Sociology) Faculty Development Programme for Management Teachers (Department of M.B.A.) UGC Remedial Coaching Workshop (Department of Microbiology) Meeting of the Annual Report Committee	<b>17</b> Meeting of the Departmental Purchase Committee (Department of Microbiology) Visiting Professor Lecture (Department of Microbiology) Meeting of the Lead College Apex Committee	<b>18</b> Meeting of the Buildings & Works Committee Meeting of the Advisory Committee (Distance Education Centre) Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Commerce Faculty	<b>19</b>	<b>20</b> Second SAP Advisory Meeting (Department of Sociology) National Seminar (Department of Sociology)	<b>21</b> Meeting of the Purchase Committee One Day Seminar on Next Generation Sequencing (Department of Microbiology) National Seminar (Department of Sociology)

~ January 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>22</b>	<b>23</b> Academic Committee to sanction financial assistance to University & Affiliated College teachers for attending Conference/ Seminar/ Workshop etc. held abroad under UGC unassigned grant and University fund respectively.	<b>24</b>	<b>25</b>	<b>26</b> Ph.D. Students Meet (Department of Physics)	<b>27</b> Meeting of the Management Council Meeting of the Lapses Committee	<b>28</b> Meeting of the Lapses Committee Meeting of the Departmental Committee (Department of Microbiology) Orientation Programme on Journalist on Social Issues (Department of M.A. Mass Communication) Meeting of the Departmental Committee (Department of History)
<b>29</b>	<b>30</b> Meeting of the Synopsis Scrutiny Committee (Department of History) Meeting of the Faculty Officers (Department of Biotechnology) Mentor Meeting (Department of Sociology)	<b>31</b> Meeting of the Faculty (Department of Computer Science)				

## February 2017

~ February 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			<b>1</b> Monthly Departmental Meeting (Department of Sociology)	<b>2</b> Meeting related to UGC XII Plan (Department of Microbiology) Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development)	<b>3</b> Meeting of the Departmental Committee (Department of Political Science)	<b>4</b>
<b>5</b>	<b>6</b> Meeting of the Departmental Divisional Committee (Department of Electronics) Sinhavalokan Event (Department of M.B.A.)	<b>7</b> Sinhavalokan Event (Department of M.B.A.)	<b>8</b> Awareness Programme on Save Baby Campaign (Department of Sociology)	<b>9</b>	<b>10</b> Meeting of the Finance & Accounts Committee Meeting of the Lapses Committee Parent Meeting (Department of Sociology) Meeting of the Department Committee (Department of Economics) Tech Festival (Department of Technology) Commerce.com Event (Department of Commerce & Management) Legal Aid Camp (Department of Law)	<b>11</b>



~ February 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>12</b> National Seminar (Department of Education)	<b>13</b> National Seminar (Department of Education)	<b>14</b> Dr. Vilas Sangave Memorial Lecture	<b>15</b> Mentor Meeting (Department of Sociology) Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)	<b>16</b> Meeting of the Computer Science Department Meeting of the Statute Committee Workshop on Development Communication (Department of M.A. Mass Communication)	<b>17</b> Meeting of the Purchase Committee Workshop (Department of M.A. Mass Communication) National Seminar (Bhagwan Mahaveer Adhyasan)	<b>18</b> M.B.A. CET Workshop (Department of M.B.A.) National Seminar (Bhagwan Mahaveer Adhyasan)

~ February 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
19	20 Adult Education & Development Committee Faculty Officers & Research Scholars Meet (Department of Biotechnology )	21 Staff Meeting (Distance Education Centre)	22 National Science Day Exhibition (Department of Biotechnology ) 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.	23 Educational Industrial Visit (Department of M.B.A.) National Science Day Exhibition (Department of Biotechnology ) Meeting of the Management Council Meeting of the Lapses Committee Joint meeting of Co-ordinator & Chairperson Co-ordinating Committees Engineering Faculty	24	25 Meeting of the Lapses Committee Alumni Meeting (Department of Sociology) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Meeting of the Departmental Committee (Department of History) National Science Day Exhibition (Department of Biotechnology )

~ February 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>26</b> National Science Day Exhibition (Department of Biotechnology)	<b>27</b> Alumni Meet (Department of Technology) Alumni Meet (Department of Foodscience & Technology) National Science Day Exhibition (Department of Biotechnology) Adult & Continuing Education Services Committee	<b>28</b> Meeting of the Computer Science Department National Science Day (Department of Microbiology) National Science Day Exhibition (Department of Biotechnology) National Science Day Exhibition (Department of Physics) National Science Day (Department of Education)				

## March 2017

~ March 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			<b>1</b> Monthly Departmental Meeting (Department of Sociology) Shramadan (Department of Physics)	<b>2</b> Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development)	<b>3</b> Meeting of the Departmental Committee (Department of Political Science)	<b>4</b> Parent's Meet (Department of Technology)
<b>5</b>	<b>6</b> Meeting of the Departmental Divisional Committee (Department of Electronics) Environmental Awareness Programme (Department of Sociology)	<b>7</b> 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 Academic Council	<b>8</b> Seminar on Women Journalist in Marathi Television Channcls (Department of M.A. Mass Communication) International Women's Day Celebration (Department of Sociology)	<b>9</b> Meeting of the Lapses Committee	<b>10</b> Meeting of the Lapses Committee Meeting of the Department Committee (Department of Economics)	<b>11</b> Educational Visit to Bal Kalyan Sankul, Kolhapur (Department of Law)



~ March 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>12</b> Farewell Party (Department of Biotechnology)	<b>13</b> Alumni Meet (Department of M.B.A.) Study Tour for M.A. Students (Department of Sociology) Meeting of the Management Council	<b>14</b> Meeting of the Computer Science Department	<b>15</b> Meeting of the Buildings & Works Committee Mentor Meeting (Department of Sociology) Meeting of the I.Q.A.C. Committee Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)	<b>16</b>	<b>17</b> 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.	<b>18</b> Educational Visit to various Police Departments (Department of Law) IQAC Departmental Meeting (Department of Biotechnology)

~ March 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
19	20	21	22 Meeting of the SIM Section (Distance Education Centre)	23 Meeting of the University Standing Committee Meeting of the Special Cell Standing Committee Meeting of the B.C.U.D.	24 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. Academic Committee to sanction financial assistance to University & Affiliated College teachers for attending Conference/ Seminar/ Workshop etc. held abroad under UGC unassigned grant and University fund respectively. Meeting of the Lapses Committee Meeting of the Senate	25 Educational Visit to Supreme Court, Mumbai and Goa High Court (Department of Law) Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology) Meeting of the Departmental Committee (Department of History) One Day Seminar (Bhagwan Mahaveer Adhyasan)

~ March 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30 Mentor Meeting (Department of Sociology)	31	

**April 2017**

~ April 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 Monthly Departmental Meeting (Department of Sociology) Meeting of the Departmental Divisional Committee (Department of Electronics) Meeting of the Departmental Committee (Department of Political Science) Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development)	4	5	6	7	8 Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology)



~ April 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b> Meeting of the Purchase Committee Meeting of the Finance & Accounts Committee	<b>13</b> Meeting of the Lapses Committee Meeting of the Computer Science Department Meeting of the Department Committee (Department of Economics)	<b>14</b>	<b>15</b> Meeting of the Lapses Committee Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development) Farewell Function for M.A. II Students (Department of Sociology)
<b>16</b>	<b>17</b>	<b>18</b> Meeting of the Changes in Staff Committee	<b>19</b>	<b>20</b> Meeting of the Purchase Committee Staff Meeting (Distance Education Centre)	<b>21</b> Meeting of the Equivalence Standing Committee	<b>22</b> Meeting of the Lapses Committee
<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b> Meeting of the Lapses Committee Meeting of the Computer Science Department	<b>28</b> Meeting of the Lapses Committee Meeting of the Management Council	<b>29</b> Meeting of the Departmental Committee (Department of History)
<b>30</b>						

**May 2017**

~ May 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<b>1</b> Meeting of the Departmental Divisional Committee (Department of Electronics)	<b>2</b> Meeting of the Departmental Committee (Department of Yashwantrao Chavan School of Rural Development)	<b>3</b> Meeting of the Departmental Committee (Department of Political Science)	<b>4</b>	<b>5</b>	<b>6</b> Meeting of the Statute Committee
<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b> Meeting of the Finance & Accounts Committee Meeting of the Lapses Committee Meeting of the Computer Science Department Meeting of the Department Committee (Department of Economics) Meeting of the Faculty Officers (Department of Biotechnology)	<b>13</b>

~ May 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>14</b>	<b>15</b> Course Co-ordinator & Professors Meeting (Department of Yashwantrao Chavan School of Rural Development)	<b>16</b>	<b>17</b> Meeting of the Buildings & Works Committee	<b>18</b> Staff Meeting (Distance Education Centre)	<b>19</b> Meeting of the Purchase Committee Meeting of the Grievance Committee	<b>20</b> Meeting of the Faculty (Department of Botany) Meeting of the Academic Council
<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b> Meeting of the Computer Science Department	<b>25</b> Meeting of the Lapses Committee Meeting related to Suggestion Box and Student's Complaints (Department of Microbiology)	<b>26</b> Meeting of the Lapses Committee	<b>27</b> Meeting of the Departmental Committee (Department of History)
<b>28</b>	<b>29</b>	<b>30</b> Meeting of the Management Council	<b>31</b>			

**June 2017**

~ June 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5 Meeting to consider proposals, allot Lecture series to the Departments/ Colleges/ Recognized Institutions for the academic year 2017-18 Meeting of the Pro-Vice-Chancellor, Registrar, Finance & Accounts Officer and Director, Board of Examination & Evaluation	6	7	8	9	10
11	12 Meeting of the Pro-Vice-Chancellor, Registrar, Finance & Accounts Officer and Director, Board of Examination & Evaluation	13	14	15	16	17 Meeting of the Management Council



~ June 2017 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>18</b>	<b>19</b> Meeting of the Pro-Vice-Chancellor, Registrar, Finance & Accounts Officer and Director, Board of Examination & Evaluation	<b>20</b> Meeting of the Internal Quality Assurance Cell (IQAC)	<b>21</b> Academic session starts Faculty meeting for Academic year 2017-2018, M.Sc. I Admission- I <sup>st</sup> Round	<b>22</b>	<b>23</b>	<b>24</b>
<b>25</b>	<b>26</b> Meeting of the Pro-Vice-Chancellor, Registrar, Finance & Accounts Officer and Director, Board of Examination & Evaluation	<b>27</b> M.Sc.II Specialization Distribution meeting	<b>28</b> M.Sc. I Admission- II <sup>nd</sup> Round	<b>29</b>	<b>30</b> M.Sc. I Admission- III <sup>rd</sup> Round	

# **Annexure-III**

## **Best Practices**

**Best Practice : 1****1. Title of the Practice:** Students Facilitation Center**2. Objectives of the Practice:**

- To adopt modern technology for immediate services.
- The prime objective of the Students Facilitation Center (SFC) is to make available the following services which are in ambit of examination section within well defined time frame under one roof and act as a single window.

Name under one user and access a single window:			
S.N.	Facility	Time Duration	
1	Transfer Certificates	01 Day	
2	Migration Certificates		
3	Duplicate / Second Copy of Mark Sheets		
4	Passing / Merit / Rank / Medium of Instructions Certificates		
5	Attestation	*08 Days	
6	Verification of Mark Sheet	*10 Days	
7	Transcripts	Urgent	*08 Days
		Regular	*25 Days
8	Change in Name		10 Days

\* This time duration has been practically reduced to 01, 03, 04 and 10 days respectively.

**3. The Context**

India is developing country and most of the India's population leaving in rural area and so our students too. These students are working / studying in India and in foreign countries. When they required different services for their career enhancement in the field of higher education or in the business or in employment they required different types of certificates / documents which has to be issued within restricted time frame and at one window. Keeping this requirement and single window concept, the Student Facilitation Centre is established by the Shivaji University, Kolhapur on 6<sup>th</sup> October, 2013. The services provided by the SFC are narrated as below.

- **Transfer Certificates:** These certificates are an essential document when the student transfers his / her education from one institute to another institute within the jurisdiction of the University.
- **Migration Certificates:** These certificates are an essential document when the student transfers his / her education from this University to another University.
- **Duplicate / Second Copy of Mark Sheets:** When the student lost his / her original mark sheet issued by the University and need of another copy.
- **Passing Certificates:** On completion of the course, generally students are issued "Passing Certificates" so that they need not required to wait for annual convocation for obtaining their degree certificate.
- **Merit / Rank Certificates:** These certificates are issued to the University Merit / Rank holders in the respective branch / course of study.
- **Medium of Instructions Certificates:** These certificates are required for further education or employment in the foreign countries.
- **Attestation:** To avoid the malpractice by the candidates, most of the employment agencies / employers / educational institutes require these attestations to be done by the University.

- **Verification of Mark Sheet:** Few of the employment agencies / employers / educational institutes ask for the verification of Mark sheets of the candidates directly from the University.
- **Transcripts:** Most of the foreign organization relies on the official transcripts of the students from the University in the University sealed envelope for getting to know the history of the candidate during his / her course of study.
- **Change in Name:** Due to the various reasons such as marriage, adoption or any of the need, student desire to change his / her name on the University records, they are allowed to do so.

#### 4. The Practice:

The Student Facilitation Centre is situated in the separate and independent premises wherein the rest room, cash counter, photocopying, etc facilities are made available. The applicant can visit the center during early hours of the day, submit the application along with requisite fees and documents and get the desired certificate by evening where same day services are applicable. Else, the said certificates are sending to the applicant by post. Similarly, other services are also made available within the prescribed time frame.

The center is managed by one officer of the rank of Deputy Registrar, one superintendent and one clerk along with five page basis computer operators. These staff has to keep a vigil on,

- Manual applications received directly at the center
- Manual applications received through central inward of the University
- E-mail applications
- Online application received through “Mahaonline Portal”

#### Procedure followed:

- A student can apply online through Maharashtra Government “Mahaonline Portal” (<https://www.mahaonline.gov.in>) and make the payment online.  
OR
- Student can apply manually as per the format kept on University website ([www.unishivaji.ac.in](http://www.unishivaji.ac.in)) and pay the fees on University Payment Gateway (Online) or make a payment in any of the nationalized bank as specified by the University (details are available on the University website) or can make the payment at cash counter either by credit or debit cards at Student Facilitation Center.
- The completed and duly signed applications along with the payment proof and necessary documents can be submitted Online (through “Mahaonline Portal” ) or by hand or by post or by e-mail (scanned copies) at Students Facilitation Center. The required documents can be collected from the center on the due date as prescribed either by hand or by post.

#### 5. Evidence of Success

The center has started functioning from October 2013 and it has got the grand successes by saving the University man hours as well as applicants man hours and money. Following table indicates the number of services provided along with the revenue generated during last three calendar years.

S N	Year	Transcript	Verification of Documents	Attestation	Duplicate Mark sheet	Passing Certificate	Transfer / Migration Certificate	Change in Name	Total beneficiaries (Nos.)
1	2015	512	2682	1289	12459	1871	8284	270	27367
2	2016	531	4152	1217	14423	1528	7228	124	29203
3	2017	484	5138	832	15691	1698	8613	80	32536

#### 6. Problems Encountered and Resources Required:

- Digitalization of old documents is not yet completed and to search these documents is a time consuming process.
- To confirm the fee paid receipt in the University account is time consuming.
- Staff has to keep a vigil on four different mode of applications.



**Best Practice : 2**

1. Title of the Practice : Green Campus
2. Objectives of the practice : Following are the objectives of the Shivaji University Green Campus

1. To identify and analyze significant environmental issues.
2. Establish and implement Environmental Management in various departments.
3. Identification of green practices followed by university.
4. Increase green cover on the campus.
5. Increase environmental awareness throughout campus.

3. The Context :

Shivaji University is a premier higher education centre of learning in Southern Maharashtra with main campus at Kolhapur. It is established on 18<sup>th</sup> November, 1962 to fulfil 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 the university.

Urbanization and economic development are leading to a rapid rise in energy demand in urban areas of our country leading to enhanced Green House Gas (GHG) emissions. The only solution is to reduce these emissions by adopting green practices and therefore, a concept of green campus is established in the Shivaji University campus. A green campus is a place where environmentally responsible practice and education go hand in hand. The green campus becomes a laboratory of self scrutiny, experimentation and application. It is a model environmental community interlinking of operational functions, academic programs and people for providing educational and practical value to the institution and the region. The concept offers institution the opportunity to take the lead in rethinking its environmental culture and developing new paradigms for solving problems that are local, national and global in nature.

4. The Practice :

The university has taken following initiatives for making its campus 'Green Campus'.

To become self sufficient in water, university has taken initiatives. The university has three small water reservoirs on campus to its credit out of which two are developed by University from its own fund. The management of water resources is undertaken by university by creation of farm reservoir, activating the wells on campus, channelizing water through trenches to bring water into lakes and recycling of wastewater from hostels for the purpose of maintenance of garden. The requirement of potable water is now fulfilled from the filtration plant with RO technology, installed at a well near sports department. Now, almost all water required for all purposes is served from the campus reservoirs.

Botany Department of the university hosts Lead Botanical Garden in the 12 acres area and an additional land of 30 acres for conservation of rare and endangered species. As many 100 species are being cultivated at the botanical garden and some of them are rare and endangered species.

The university has partially adopted an energy-efficient street lighting system with proper control, low-energy fixtures, energy-efficient pumping system, energy-efficient motors and use of star-rated equipment at the various sections and academic departments.

Chemistry Department has adopted green chemistry protocols wherein minimum chemicals are used for the laboratory work.

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 out sourcing policy is adopted. Campus cleanliness drives are taken periodically in the various sections and academic departments of the university.

The campus observes “No Vehicle Day” on first Saturday every month. All the students, faculty members and employees take part to reduce the emission of the CO<sub>2</sub> in the campus.

Environment awareness initiatives regarding environment are taken up by the university such as celebration of Earth Day, Environment Day, Wetland Day and Ozone Day.

Plantation drive is conducted on the campus by Garden Section and academic departments, as well as university takes part in the government plantation drive.

University has installed roof top Solar Power Plant of 100kW at Main building of the University and 80 kW at roof top of Chemistry Department. These plants are connected to State Power lines through grid and are operational.

#### 5. Evidences of the Success :

The university has adopted its campus as green campus and following are the evidences of success.

- During the academic year 2016 – 17 all water reservoirs on the campus were filled to their capacity due to good rainfall. Nearly 30 crore liters of water is stored in Bhasha Bhavan lake (22 Cr. 15 lac liters), Music Department lake ( 5 Cr. 20 Lac liters), Sutar Vihar (4 lac liters), Sports Department well (4.87 lac liters), Chemistry Department well ( 3 lac liters), Synthetic track well ( 5 lac liters), Shinde well (3 lac liters), firm pond ( 35 lac liters). The campus became self sufficient in water and saved around 72 lac rupees per annum on account of water bills. The university water conservation drive also activated and channelized water levels of borewells of the residents near the campus.
- 10 lac liters of water is used in the university campus for daily use and drinking.
- The RO plant installed is working efficiently supplying RO filtered water for drinking to all sections, academic departments, hostels and residents on the campus.

- Waste water from Girls hostel and Technology hostel is treated in Sewage Treatment Plant and used for maintenance of gardens.
- Lead Botanical Garden in the 12 acres area and an additional land of 30 acres for conservation of 100 species of rare and endangered species of Western Ghats.
- The campus adopted partially energy-efficient street lighting system with proper control, low-energy fixtures, energy-efficient pumping system, energy-efficient motors and use of star-rated equipment at the various sections and academic departments lead to 30 % reduction in the electricity bill.
- “No Vehicle Day” on first Saturday every month reduced use of around 120 litres of fuel every month and reduced that much emission of the CO<sub>2</sub> in the campus.
- Plantation of around 1500 tree saplings on the campus.
- University Plant Nursery produced 1200 saplings of endemic trees can be planted in the year 2017.
- Development of Horticulture gardens on campus is going to give a very good support to bird life on campus as well add to the carbon sequestration potential of the campus.

6. Problems encountered and Resource Required :

- i. Availability of skilled labour for desedimentation of wells.
- ii. Decrease in the number of gardeners on the campus.
- iii. More security vigil on the campus to protect tree.

**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) YCSR
- 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, ASSOCHAM.

- 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 (JAWS : Job Access With Speech) and transport facility to disabled students (Library)
  - 4) Solar Campus
- VII) Weak Department Development Scheme
- VIII) Provision of Sabbatical Leave
- IX) Greening Shivaji University.

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