

नॅक विभाग

दिनांक 19/09/2018

सादर,

सोबत दिनांक 12 सप्टेंबर, 2018 रोजीच्या I.Q.A.C. बैठकीचा कार्यवृत्तांत अवलोकनार्थ ठेवला आहे.

दिनांक 12 सप्टेंबर, 2018 रोजी Internal Quality Assurance Cell (I.Q.A.C.) Committee बैठकीचे आयोजन ठिक 3.00 वाजता व्यवस्थापन परिषद हॉलमध्ये करणेत आले होते. सदर बैठकीमध्ये झालेल्या चर्चेच्या अनुषंगाने बैठकीचा कार्यवृत्तांत तयार केला असून कार्यवृत्तांत सोबत अवलोकनार्थ ठेवला आहे. त्यास मान्यता असावी. मान्य झालेस त्यावर स्वाक्षरी व्हावी.

मान्यतेसाठी सादर.

Dy. Director

स्वा. 'अ' मान्य होवे.

19/9/18  
अधीक्षक

19/9/18  
उपकुलसचिव

19/9/18

संचालक

आय.क्यु.ए.सी.

19/9/18  
मा. कुलगुरु

Cashmere  
19/9/18  
प्र-कुलगुरु

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

A meeting of the Internal Quality Assurance Cell (IQAC) Committee was held on Wednesday, 12<sup>th</sup> September, 2018 at 03.00 a.m. in the Management Council Hall to discuss the agenda.

Following members were present.

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|--|-------------------|
| 1. Prof. (Dr.) Devanand B. Shinde, Hon'ble Vice-Chancellor | Chairman          |
| 2. Prof. (Dr.) D. T. Shirke, Pro-Vice-Chancellor           | Member            |
| 3. Dr. V. N. Shinde, I/c Registrar                         | Member            |
| 4. Shri V. T. Patil, Finance & Accounts Officer            | Member            |
| 5. Smt. S. S. Kharade                                      | Member            |
| 6. Dr. G. S. Kulkarni, Dy. Registrar                       | Member            |
| 7. Prof. (Dr.) Smt. B. T. Patil                            | Member            |
| 8. Prof. (Dr.) P. S. Patil                                 | Member            |
| 9. Prof. (Dr.) A. M. Gurav                                 | Member            |
| 10. Prof. (Dr.) P. D. Raut                                 | Member            |
| 11. Prof. (Dr.) M. S. Deshmukh                             | Member            |
| 12. Dr. S. P. Hangirgekar                                  | Member            |
| 13. Dr. Smt. K. S. Oza                                     | Member            |
| 14. Smt. Pallavi A. Korgaonkar                             | Member            |
| 15. Shri Prasad D. Patil                                   | Member            |
| 16. Shri Laxman Gulawani                                   | Member            |
| 17. Shri Pushkaraj Janwadkar                               | Member            |
| 18. Prin. (Dr.) S. Y. Honagekar                            | Member            |
| 19. Prof. (Dr.) R. K. Kamat, Director, IQAC                | Member –Secretary |

Prof. (Dr.) G. S. Gokavi and Dr. R. V. Gurav, Director, Students' Development have communicated their inability to attend the meeting telephonically. The leave of absence was granted to both of them.

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

Following business was transacted.

Item No. 01: Confirmation of the minutes of the last meeting held on 25<sup>th</sup> April, 2018.

**RESOLVED that the minutes of the IQAC meeting held on 25<sup>th</sup> April, 2018 were read and confirmed.**

Item No. 02: Induction to IQAC members regarding roles and responsibilities.

Prof. R.K. Kamat elaborated the role and responsibility of the IQAC in internationalization of the quality assurance for the benefit of the new members especially the external members coming from industries. He stressed on the role of IQAC to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. It was also made clear that the IQAC should promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Item No. 03: Issuing advisory to Board of Studies (BoS) regarding relevance of curricula with reference to local, national and global needs.

A quality curricula has essential role in the provision of quality learning for the young learners as well in articulating and supporting the higher education that is relevant to their holistic development. Board of Studies (BoS) has a greater role to play in formulating such a curriculum.

In light of above the IQAC members had brainstorming as regards to improving the BoS functioning in making the curricula inclusive, thus playing a significant role in ensuring that it is equitable and articulates the competencies necessary for employability, lifelong learning and holistic development.

It was resolved to send the advisory note to all the Board of Studies on the following lines:

“Board of Studies (BoS) at and Academic Council (AC) of the University are the most vital academic bodies and are showcasing visibly functional, through the members on board with requisite professional experience. As per the new NAAC guidelines it is required to set right the process ensuing cognizance of feedback from student, parents, teachers (other than the BoS members) and employers so that the curriculum will be inclusive of the desires of all



the stakeholders. One of the most striking features of the curriculum should be linking of the courses in line with various initiatives of Government of India. Some of the examples of the same are associating 'Environmental Studies' with the 'National River Conservation Plan' and 'Professional Ethics and Human Values' with 'National Anticorruption Strategy'. Integration of such national priorities and goals in the curriculum will deliver a framework which is helpful in cultivating future generation of students with awareness of the issues and challenges in the forefront of the society. In addition to above the curricula should also focus on issues with reference to local, national and global needs."

Item No. 04: Recommending all BoS Chairpersons to focus on cross cutting issues in curriculum.

BOS

**RESOLVED** that the BoS Chairpersons should be communicated that the Curriculum be enriched by inclusion of value-based courses – Gender Sensitization, Environmental Studies, Professional Ethics and Human Values, Soft Skills and Personality Development, Entrepreneurship Development, Life Skills, English Communication Skills. Swayam – NPTEL should be given due diligence. Project work, field surveys and experiential learning type courses should be given emphasis. Feedback received from the stakeholders be analyzed and appropriately incorporated into curriculum. Few courses –Internet of Things, robotics be introduced into curriculum as value added courses based on feedback provided by stakeholders.

Item No. 05: Formulating Teaching-Learning task force for reviewing student centric methods.

It was resolved that appropriate steps for diagnosing student learning levels should be made more effective. It was informed that suitable measures are being taken to cater the needs of slow learners by conducting remedial, bridge courses. Students are provided special coaching to bridge the gap in English communication, soft skills, Mathematics, Programming. Student centric teaching methodologies like Think Pair Share are helping in supporting students with slow learning issues. Advanced learners are involved in research projects and are encouraged to take additional courses offered by NPTEL. Most of the Departments are encouraging the students to perform course-based projects, internships, mini and major projects.

Prof. M.S. Deshmukh presented a methodology to categorize the slow and advanced learners for the students other than Science & Technology faculty. The same was appreciated by all the members.

In order to make teaching learning more effective, it was resolved to formulate a task force comprising of following:

- |                        |                  |
|------------------------|------------------|
| 1) Prof. P.S. Patankar | Chairperson      |
| 2) Dr. C.P. Sonkamble  | Member           |
| 3) Dr. G.S. Patil      | Member           |
| 4) Dr. R. Sankapal     | Member           |
| 5) Dr. V.S. Khandagale | Member Secretary |

The above task force will divide the on campus departments amongst themselves and mentor them regarding the teaching-learning methods.

Item No. 06: Reforms in internal Examinations.

**RESOLVED** that each department Chairman of Examinations should ensure smooth conduction of internal examinations. The results of each test are should be strictly declared within a week of the conclusion of the test. The students should be shown their respective answer sheets and discuss their queries with concerned faculty member. The term work evaluation should be done by respective course teachers in the mid and at the end of semester. Reforms such as open book test, question bank generation, blending of various types of questions as per Bloom's taxonomy should be introduced so as to give justice to student's varied capabilities. It was resolved that the same will be communicated to all the departments through Director, Board of Examination and Evaluation.

Item No. 07 : Presentation of DSD on extension activities in the neighborhood community.

The item was postponed since DSD couldn't attend the meeting due to official assignment.

Item No. 08: Presentation by Dr. K. S. Oza on review of learning outcomes.

Dr. K.S. Oza presented the report of the committee appointed for OBE. The same is attached with the minutes. IQAC members appreciated the OBE initiatives of the Shivaji University, Kolhapur.

Item No. 09: Formulating a committee for drafting post accreditation quality initiatives.

**It was resolved that Dean's committee will be entrusted with the above task.**

Item No. 10: Any other item with the permission of the chair.

**It was resolved that the following best practices be submitted to NAAC for the AQAR 2017-18:**

- 1. RO Plant: to be drafted by Dr. Girish Kulkarni, Deputy Registrar (Engg.)**
- 2. Mega Job Fare: to be Drafted by Prof. A.M. Gurav**

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



**Director, IQAC**  
Member Secretary



**Hon'ble Vice-Chancellor**  
Chairman

Minutes were read and confirmed

  
chairman 15/12/18



# Shivaji University Outcome Based Education Project (SU- OBE)

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## Need for OBE

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- Focus on skills and results achieved by the students as the most important aspect of education
- Most quality assurance & accreditation practices are based on this methodology
- As per the Washington accord in 2014 , OBE is implemented at higher education
- Main motto of OBE based education is to improve technical education make students competent at global level

## NAAC perspective

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- NAAC in Quality Indicator framework has laid heavy emphasis on the OBE
- OBE and its attainment forms the basis foundation for curriculum aspects
- Significant weightage is given for PO's, CO's, PSO's and attainments
- Missing at our University
- Project entitled Shivaji University Outcome Based Education (SUOBE) is initiated

Members of project: Dr. Pratibha Patankar (Chair person),

Dr. Ajit Thete (Domain expert),

Dr. Kavita Oza (Member secretary)

## Framework for the project

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- Review of Vision and Mission statement of Departments
- Inputs to be provided for defining PEO-PO/PSO-CO through workshop
- CO-PO mapping
- Designing attainment level & target attainment level
- Calculating CO-PO attainment
- Designing teaching learning strategies at course level & Program level
- Providing guidelines & framework



## Items mailed to Departments before visits

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- Guidelines for preparing Vision mission, PO's , PSO's , CO's
- Meeting schedule
- Attendance sheet
- Prerequisites for session

## Visit schedule

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- Visits were schedules from 13-14th August from 10:00am till 6:00pm
- Total 10 sessions were conducted covering 35 departments.
- Departments within the closer vicinity were combined & addressed.

## Visit outcomes

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- Few departments had prepared their Vision/Mission statements
- Reviewed and suggestions were given
- Detail guidance to prepare Vision/ Mission statements
  - (Existence of Department, Purpose of being in existence, core values of department, unique feature of Department)
- Mission needs to be framed first then Vision statement

## Visit outcomes...

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- Program outcomes and Program Specific outcomes were discussed
- PO's should match with mission
- CO's should satisfy some PO's.
- MCA & MBA programs to refer NBA document for PO's
- CO's versus PO's matrix

## Curriculum aspects

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- Cross cutting issues  
(Environment, Professional ethics, Gender equity..)
- Value added course
- Identification of advance and slow learners
- Internal evaluation
- Projects for demonstration
- Global & local issues

## OBE Booklet of each Department

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- Copy of Vision Mission document
- Copy of PEO's, PO's, CO's and CO vs. PO matrix
- Curriculum structure

## Next Step

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- Review of OBE document of each Department
- Course attainment process to be initiated

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**THANK YOU**



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

Date of IQAC Meeting: September 12, 2018

<b>Sr. No.</b>	<b>Agenda item</b>	<b>Resolution</b>	<b>Action Taken</b>
1.	Induction to IQAC members regarding roles and responsibilities	New IQAC members were made aware regarding their roles and responsibilities	--
2.	Issuing advisory to Board of Studies (BoS) regarding relevance of curricula with reference to local, national and global needs.	Sending advisory note to all the Board of Studies in all the faculties to emphasize on making the curriculum relevant to the local, national and global needs with a focus on national priorities and goals	The note was sent to all the Board of Studies through the Board of Studies section.
3.	Recommending all BoS Chairpersons to focus on cross cutting issues in curriculum	Gender Sensitization, Environmental Studies, Professional Ethics and Human Values, Soft Skills and Personality Development, Entrepreneurship Development, Life Skills, English Communication Skills. Swayam – NPTEL should be given due diligence. Project work, field surveys and experiential learning type courses should be given emphasis. Feedback received from the stake holders be analyzed and appropriately incorporated into curriculum. Few courses –Internet of Things, robotics be introduced into curriculum as value added courses based on feedback provided	Communicated to BoS Chairpersons through the BoS Section. Department of Electronics and Department of Computer Science HoDs communicated as regards to the Value Added Programs on Robotics and IoT.

		by stakeholders.	
4.	Formulating Teaching-Learning task force for reviewing student centric methods	To constitute Teaching-Learning task force to systematize the teaching-learning process with putting in place appropriate steps for diagnosing student learning levels.	Task force with following members was formulated: 1) Prof. P.S. Patankar, Chairperson 2) Dr. C.P. Sonkamble, Member 3) Dr. G.S. Patil, Member 4) Dr. R. Sankapal, Member 5) Dr. V.S. Khandagale, Member Secretary The committee work is partly completed.
5.	Reforms in internal Examinations	Reforms such as open book test, question bank generation, blending of various types of questions as per Bloom's taxonomy should be introduced so as to give justice to student's varied capabilities.	Communicated to Director, Board of Examination and Evaluation for further communication to Departments. The Board of Examination has issued the circular to all departments.
6.	Review of learning outcomes	IQAC noted the process of putting in place learning outcomes in the curriculum and methodology of evaluation of their attainments	--
7.	Post Accreditation Initiatives	Board of Deans to review and draft post accreditation initiatives.	Communicated to Board of Deans and the draft is prepared.
8.	Best Practices for AQAR 2017-18	RO plant and Mega Job Fare to be showcased as best practices for AQAR	Communicated to Dr. Gifish Kulkarni, Dy. Registrar,

		2017-18	Engineering Section and Dr. A.M. Gurav, Dean, Commerce and Management to draft and submit the best practices to IQAC. The same has been submitted to the office of IQAC.
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