

<b>Date:</b>	April 07, 2022
<b>Convenor:</b>	Dr. Atul N Kemkar, Principal & IQAC Chairperson
<b>Time:</b>	12:00am - 1:30pm
<b>Venue:</b>	Kalpavruksha Seminar Hall & Microsoft Teams Meeting

Following were the agenda points of the 14<sup>th</sup> IQAC Meeting.

1. Confirming minutes and Action taken report of 13th IQAC Meeting
2. Approval for various activities to improve the students' placements.
3. Preparations for offering Honours Courses for TE 2022-23.
4. Preparations for value added courses for students and faculty skill development in emerging domain.
5. Findings in Academic Audit and DAB Meeting.
6. Discussion on Initiatives taken since last IQAC meeting.
7. Preparedness for NAAC Cycle 2.
8. Status of Research & Consultancy/Student Research
9. Publications by faculty members
10. Any other point with permission of the chair.

Following members were present for the 14<sup>th</sup> IQAC offline & online meeting:

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| <ol style="list-style-type: none"> <li>1. Dr. Atul N. Kemkar</li> <li>2. Dr. Aparna Bannore</li> <li>3. Dr. Rupendra S. Nehete</li> <li>4. Dr. Preeti Hemnani</li> <li>5. Dr. Lakshmi Sudha</li> <li>6. Dr. Sandesh Ramteke</li> <li>7. Dr. Deepti Reddy</li> <li>8. Prof. Ashwin Chavan</li> <li>9. Prof. K. Venkatramani</li> <li>10. Dr. P. V Parameswaran</li> <li>11. Mr. Devesh Rajadhyax<br/>CEO, Cere Labs Pvt. Ltd.</li> <li>12. Prof. Seema Khan</li> <li>13. Prof. Shubhangi Kadu</li> <li>14. Dr. Pradip Patil</li> <li>15. Dr. Smita S. Kumar</li> <li>16. Mrs. V. Vijayalakshmi</li> <li>17. Mr. Ramesh Bidi</li> <li>18. Prof. Leena Ladge</li> </ol> | <p style="text-align: center;">DA B N<br/>Saraswathi<br/>the 14<sup>th</sup></p> <p style="text-align: center;">Founder &amp;</p> <p style="text-align: center;">I/c - T&amp;P Cell<br/>I/c - Examination Cell<br/>Industry Institute Interaction Coordinator<br/>I/c - Students' Council<br/>Registrar<br/>Librarian<br/>IQAC Coordinator</p> |
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**Special Invitee**

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| <ol style="list-style-type: none"> <li>1. Shri. J. Santhanam</li> <li>2. Shri. M. V. Ramnarayan</li> <li>3. Shri. Srinath. S</li> </ol> | <p style="text-align: center;">Vice-President, SIES<br/>Hon. Secretary, SIES<br/>Member, SIES</p> |
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Principal, Dr. Atul N Kemkar extended the warm welcome to all the Management & IQAC members and asked Prof. Leena Ladge to continue with the agenda of the meeting:

### Discussion and Minutes of the meeting:

#### 1. Confirming the minutes and Action taken report of 13<sup>th</sup> IQAC Meeting:

Prof. Leena Ladge read the Minutes and the action taken report of 13<sup>th</sup> IQAC Meeting conducted on October 30, 2021. The same was approved by the members.

#### 2. Approval for various activities to improve the students' placements.

*To identify training needs and strengthen training for all students from second and third year for better performance in placements*

Prof. Seema Khan informed that T&P cell is conducting many training programmes to upgrade the technical skill sets, soft skills of students to match the industry requirements. Many of these programmes are outsourced/chargable where participation of students is low. She stressed that students need to be motivated and encouraged at department level by HoDs/mentors for maximum participation.

Shri. J Santhanam enquired about the duration of training programmes, charges for outsourcing and the average package difference with and without outsourcing training programmes for students. Prof. Seema Khan informed training is about once in a year on aptitude skill, soft skills etc and charges would be around two thousand and the package would be around 8 lakhs with training and without 5 to 6 lakhs.

Shri. Srinivas Shridharan suggested that outsourcing of training programmes can be considered if it is not available in house and such programmes should be application oriented and benefit the students. Shri. M V Ramnarayan suggested to collect survey/feedback of students from third year about laggings. Principal informed about a few colleges collecting fund from FE students about placement training programmes.



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Dr. P V Parmeswaran suggested to develop a full-fledged T&P Cell having a separate placement officer in the institute to look into the various activities.

*3-6 months Internship for the placed students, mandatory requirement of the recruiters*

Prof. Seema Khan informed that there is demand from major recruiters for 3 to 6 months mandatory internship requirement for placed students but university does not have full time provision for internship and due to that a few recruiters cancelled the offers. On query from Shri. M V Narayanan about other colleges, Principal informed that other colleges are allowing students during the academics

*To cater to the additional requirements for bilingual skillset by the prominent recruiters*

Prof. Seema Khan informed that there is a demand for additional requirements of bilingual skill set by the recruiters and accordingly T&P cell has planned to start training programmes in German and Japanese languages.

### 3. Preparations for offering Honours Courses for TE 2022-23.

Principal Dr. Atul Kemkar presented the major contents from "Manual for Honours and Minor Degree in Engineering and Technology". He also mentioned that these courses are required to be offered in emerging domains by University of Mumbai, to the third year students of AY 2022-23. He informed that these are credit based courses, all criteria are fulfilled by the institute. The student pursuing degree in computer engineering can take course either in artificial intelligence or machine learning or robotics but degree will be awarded in CE having specialization in AI or ML or robotics. He mentioned that offering these honours courses may help the institute in admission process.

Prof. K Venkataramani suggested to start these courses as a value addition courses. Shri. M V Ramnarayan asked the requirements to start these courses and prepare accordingly. On enquiry from Srinivas Sridharan regarding selection of different courses, Principal informed that all guidelines by AICTE and University of Mumbai would be followed while offering courses.



  
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#### 4. Preparations for value added courses for students and faculty skill development in emerging domain.

Dr. Aparna Bannore presented on value added courses offered in summer, winter vacations for the duration of 6-8 days followed by 15 days internship. She also informed that these courses are approved by industry. On query from Mr. Devesh Rajyadhyax regarding the types of courses offered, Dr. Aparana informed that many courses were interdisciplinary and included hands on training and Project and certificates were issued after the completion. Mr. Devesh Rajyadaksh suggested to offer few courses during semester. He also shared his personal experience of certification courses of 7 to 8 week on ML from Standford University.

Shri. M V Ramnarayan asked about certificates to students. Dr. Aparna informed institute level certificates are given to the students. She also informed about STTP on emerging disciplines such as data science, NLP, Visulazation Tools etc are conducted for faculty members during vacation. She also informed about NPTEL/Coursera and other MOOC courses.

#### 5. Findings in Academic Audit and DAB Meeting.

Principal informed about the composition of Departmental Advisory Board(DAB) in each department. Dr. Preeti Hemnani presented the findings in academic audit where the external auditors are invited from various colleges for audits. Major findings of the auditor includes conducting activities specific to PSOs such as FDPs, SDPs , STTPS, encouraging research culture in departments etc.

She discussed the suggestions given by members of DAB. Shri J. Santhanam advised to take feedback from existing students and alumni which will help in developing further.

#### 6. Discussion on Initiatives taken since last IQAC meeting.

Dr. Deepti Reddy presented initiatives various faculty development programmes organized on topics such as IoT, Mongo DB, data science, deep learning etc. She shared the information on programmes conducted for students under various chapters such as



  
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IEEE, CSI, IETE etc. She presented faculty achievements about patent, copyrights filed, distinction in NPTEL courses and certification awarded to various faculty members. Students' achievements in technical as well as cultural programmes such as Hackathon or talent competition etc. were also shared. Many students were selected for paid internships at various industries and NIC, Mantrayala. Shri. M V Ramnarayan advised that there is need to ensure that students coming out of the institute shall be technically competent, employment ready and having all kinds of skills including technical and soft. He appreciated that 200 students have completed internships during 2021-22

### 7. Preparedness for NAAC Cycle 2.

Dr. Aparna discussed about the preparedness for NAAC Cycle 2 and informed about criteria wise shortcomings found while filling AQAR data for the year 2020-21. Major findings include R&D, consultancy, need to be on the Board of Studies as a member at University level, stakeholder's feedback. Shri. M V Ramnarayan suggested to look into including as a member of BOS. Shri. J Santhanam asked the opinion from Dr. P V Parmeswaran on which he said that the syllabus cannot be changed by ourselves as the institute is affiliated to an University of Mumbai.

Prof. K Venkatramani advised to start preparing for SSR well in advance. During the discussion of Criteria 5, Shri. Srinivas Shridharan suggested creating a calendar of exams and publishing on website that benefit the students. Dr. P V Parmeswaran suggested providing incentives to students appearing national and international level competitive examinations. Principal informed about GATE which can benefit students.

### 8. Status of Research & Consultancy/Student Research

Dr. Rupendra Nehete presented about the status of research and consultancy. Dr P V Parmeswaran & Prof. K Venkatramani enquired about the number of publications accepted and actual published in referred journals. Shri. M V Ramnarayan & Shri. Srinath Sridharan suggested to provide last 3 years data in comparative format. Shri. Srinath



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## Minutes of the Meeting INTERNAL QUALITY ASSURANCE CELL

Sridharan expressed concern regarding the number of patents filed considering the strength of faculty.

### 9. Publications by faculty members

Shri. J Santhanam pressed to increase the number of publications. Dr. P V Parameswaran advised to publish final year project reports as research papers that benefit both faculty and students.

Prof. Leena V Ladge  
IQAC Coordinator

Dr. Atul Kemkar  
Principal



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## Action Taken on Decisions of 14<sup>th</sup> Meeting INTERNAL QUALITY ASSURANCE CELL

### Action Taken Report on the decisions of the IQAC meeting held on April 07, 2022

To implement the decisions of the 13<sup>th</sup> meeting of the IQAC, the following actions were taken:

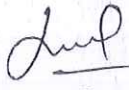
Sl. No.	Decision	Action Taken
1	Activities to improve the students' placements	<ul style="list-style-type: none"> <li>• Placement Training for Resume building &amp; Interview preparation conducted from July 11-16, 2022.</li> <li>• Student Development Programmes with Internships are conducted from June 22 to July 02, 2022. The topics are Competitive Coding for DSA, Raspberry-Pi, Programming Database Management &amp; Soft Skill, Computer Aided Manufacturing.</li> <li>• Institute has registered for Infosys Springboard, to offer training to students in different domains to make them Industry Ready</li> <li>• Advertisement was given for the full time TPO and few candidates were interviewed, but not found suitable.</li> </ul>
2	Offering Honours Courses for TE 2022-23	<ul style="list-style-type: none"> <li>• Identified the internal faculty expertise to conduct the courses. Honours Courses for TE 2022-23 will be offered by the Institution as per the options given by the students. Application for the same, will be submitted to UoM.</li> </ul>
3	Value added courses for students and faculty skill development in emerging domain.	<ul style="list-style-type: none"> <li>• Total 09 Value added courses are conducted from June 22 to July 02, 2022. (Annexure-I attached for more details)</li> <li>• 05 Proposals submitted to AICTE sponsored ATAL scheme for the conduction of 15 day training programmes in the domains such as Blockchain, NLP, Cloud Computing, Art of Living, Digital Manufacturing etc.</li> </ul>
4	Feedback from existing students and alumni for further developing the departments	<ul style="list-style-type: none"> <li>• Departments have floated various Student Development Programmes after taking feedback from existing students and alumni.</li> </ul>



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## Action Taken on Decisions of 14<sup>th</sup> Meeting INTERNAL QUALITY ASSURANCE CELL

5	Preparedness for NAAC Cycle 2	<ul style="list-style-type: none"><li>• Conducted a discussion and doubt solving session "Preparation for NAAC" by Dr. Sangeeta Joshi, VIT, on June 21, 2022.</li><li>• Conducted internal audit for all NAAC Criteria in July 12-15, 2022.</li></ul>
6	Publications of Students and faculty	<ul style="list-style-type: none"><li>• (Annexure-II attached for more details)</li></ul>



Prof. Leena V Ladge

**IQAC Coordinator**

June 22, 2022



Dr. Atul Kemkar

**Principal**



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