

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)
Karvenagar, Pune - 411 052.

Ref : CCEW/IQAC/45/20-21

Date : 17th August, 2020

A meeting of Internal Quality Assurance Cell was scheduled on 12th August, 2020 at 3.30 p.m. in the Conference Hall of Mechanical Building (Third Floor). Following members were present for the meeting.

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| (01) Dr. Madhuri Khambete | (02) Shri. Rajendra Jog | (03) Dr. P.V.S. Shastry |
| (04) Dr. Vikram Athalye | (05) Dr. Ravindra Ingle | (06) Prof. A.N. Muchrikar |
| (07) Dr. Ajit Bhosale | (08) Dr. Sunita Jahirabadkar | (09) Dr. Mrudul Dixit |
| (10) Dr. Prachi Mukherji | (11) Dr. Supriya Kelkar | (12) Dr. Anagha Panditrao |
| (13) Dr. Anagha Kulkarni | (14) Dr. Madhuri Purandare | (15) Mr. Prashant Wayachal |
| (16) Mr. C' Shekhar Dhamankar | (17) Ms. Anushka Mandke-CS | |

Invited Members:

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| (18)) Dr. Anand Bewoor | (19) Prof. Amit Rajurkar | (20) Mrs. Jyoti Chitale |
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Mrs. Sudhakshina Girish communicated her inability to attend the meeting. Shri. Promoad Gorhe, Prof. N.D. Patil & Mrs. Preeti Nagarkar were not present for the meeting. Absence of these members was approved by IQAC.

Following points were discussed & decisions were taken in the meeting.

Point No. 1 : To confirm the minutes of previous IQAC meeting held on 24th January, 2020.

Decision: Minutes of IQAC meeting held on 24th January, 2020 were confirmed.

Point No. 2 : Review of the academic (teaching-learning) activities during lockdown period.

Decision: Dean — Academics presented highlights of the teaching-learning activities during lockdown. It was noted that —

1. **The theory courses** were taught by using online platforms such as Google Meet & Google Classroom, Zoom, YouTube etc. Through these platforms the faculty members delivered video lectures and presentations, and also shared lecture-notes, and conducted quizzes and received assignment submissions.

2. **For the lab courses**, Google Meet sessions were planned to conduct discussions with students to judge their understanding on the lab sessions they completed before lockdown.
3. **Seminars (for the third year students)**: Faculty members conducted one-on-one online meetings to guide the students for report writing and also for their presentations. Mini Projects were evaluated through online group discussions.
4. **Projects (for the final year students)**: Reviews of the progress on the students' project work were taken online and the required guidance was offered to the students. The project assignments were submitted by the students online and they were marked by the concerned faculty.

Overall, along with the curricular academic activities, all faculty members/mentors were in constant interaction with the students to ensure that they are getting all the necessary support from the concerned department during pandemic situation.

Point No. 3 : Review the status of research and innovation related activities of the institute.

Decision: Dean — R & D presented highlights of the research and innovation related activities of the institute, as summarized below:

Patents and Publications:

Number of Patents Filed	:	5
Number of Patents Published	:	7
Papers Published in Conference	:	SCOPUS - 14 & Other - 1
Papers Published in Journals	:	SCI - 6 , SCOPUS - 9 & Other - 2

Dr. Dipti Patil (IT) won the 'Best Teacher' Award by Savitribai Phule Pune University!

Dr. Ashwini Deshpande (E&TC) received 'Outstanding Women in Electronics Engineering' Award by VIWA!

Books, Book chapters and other..

Books :

R-Programming for Beginners' (Universities Press) by Dr. Sandhya Arora
Modern Software Engineering, by Prof. Pranjali Deshpande

Book Chapters : **3**

Number of faculty delivered expert sessions in conferences etc. : **8**

New PhDs Added! : I.T. - **2**, Instru - **1**, E&TC - **2**

Number of Faculty completed the responsibility of : Session Chair - **3** &
Reviewer - **2**

Ongoing funded research Projects:

SN	Dr. Anand Bewoor	Department	Funding Agency	Amount
1	Dr. Anand Bewoor	Mechanical	RGSTC	16.8 L
2	Dr. Ashwini Deshpande	E & TC	ISRO	8.7 L
3	Dr D S Watvisave	Mechanical	AICTE	25.95 L
4	Prof. Nilesh Kolhalkar	Mechanical	SPPU	3.0 L
5	Dr. Anagha Kulkarni	I.T.	IBM-SUR	8.1 L
			Total	62.55 L

Faculty Achievements:

- Dr. Atul Joshi, Apurva Patil & Team from Instru Dept won **2nd Prize in AeroDynamics, Design Competition.**
- Prof. Pratima Kulkarni, Dr. Dhananjay Bodas and & a team of Instru students won the **1st position in NES Innovation Award - 2020** with prize money of 50k, trophy and certificate for the project titled 'Water Pollution Analysis using Machine Learning'.
- Another group of 4-students from IT Dept **won the 'Special Mention - Most Commendable Project' award** for the project 'IoT based System for Sewage Blockages' guided by Dr. Dipti Patil.
- Dr. Vikram Athalye signed a contract with Cambridge University Press for writing a book (research monograph) on the area 'At the interface of Quantum Physics, Finance and Economics'. His co-author is Prof. Emmanuel Haven, who is an Economist and Mathematical Finance expert from Memorial University, St. John's, Canada.

Students Achievements:

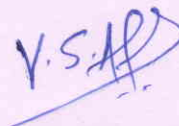
- 14-various students groups of Computer Engineering, won prizes in various national level Hackathon, Ideathon, Avishkar or innovation related competitions during this period
- A Real Venture 'Forte Hack' founded by Rutvi Agrawal & Prajakta Sudrik(Mechanical) turned out be to one of the finalists in 'RV Pitch Battle', a National level competition by Wadhvani Foundation bagging most of the opportunities including mentorship, Funding opportunities, incubation support etc. along with AWS vouchers worth 5k\$!

Point No. 4 : Discuss the activities of the 'Pedagogy Cell' of the institute.

Decision: Prof. Anand Bewoor discussed highlights of a one-week workshop on "MOODLE as learning management system" — which was recently organized by the Pedagogy Cell of the institute and was conducted online. To convey the system's effectiveness and to briefly explain how it works, a short online demonstration was also presented in the meeting.



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