

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.

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Ref : CCEW/IQAC/4/24-25

Date : 26 April 2024

A meeting of the Internal Quality Assurance Cell (IQAC) was conducted on 25<sup>th</sup> April, 2024 at 2.00 p.m. in the Conference Hall of Mechanical Building (Third Floor) of MKSSSS's Cummins College of Engineering for Women. The following members were present for the meeting.

- |                                       |                            |                               |
|---------------------------------------|----------------------------|-------------------------------|
| (01) Dr. Madhuri Khambete             | (02) Dr. P.V.S. Shastry    | (03) Prof. Hitendra Khairnar  |
| (04) Dr. Supriya Kelkar               | (05) Dr. Ashok Khedkar     | (06) Dr. Mrudul Dixit         |
| (07) Dr. Prachi Mukherji              | (08) Dr. Nivedita Daimiwal | (09) Dr. Sharada Ohatkar      |
| (10) Dr. Dipali Ramdasi               | (11) Dr. Anagha Kulkarni   | (12) Dr. Madhuri Purandare    |
| (13) Dr. Jyoti Chitale                | (14) Mr. Prashant Renushe  | (15) Mr. C' Shekhar Dhamankar |
| (16) Shakshi Khaire (TS)              | (17) Shivani Jamdade (OS)  | (18) Sakshi Todmal (CS)       |
| (19) Dr. Swati Madhe : Member Invitee |                            |                               |

Dr. Kishor Desarda, Dr. Anand Bewoor, Dr. Sunita Jahirabadkar, Dr. Dipti Patil & Mrs. Meghana Vaidya communicated their inability to attend the meeting. Dr. Sandeep Musale & Dr. Ajit Bhosale could not attend the meeting. The absence of these IQAC members was approved by IQAC.

The following points were discussed & decisions were taken in the meeting.

Point No. 1] To confirm the minutes of the previous IQAC meeting held on 29<sup>th</sup> January 2024.

Decision : Minutes of the previous IQAC meeting held on 29<sup>th</sup> January 2024 were confirmed.

Point No. 2] To discuss the revised vision and mission statements of the Institute.

Discussion : Associate Dean - Quality assurance presented the revised Vision and Mission statements of the Institute to IQAC members.

Point No. 3] To discuss the revised Performance Based Appraisal System of faculty

Discussion : Revised Performance Based Appraisal System (PBAS) for faculty is presented to IQAC Members. Associate Dean - Quality assurance explained that PBAS is designed based on inputs of stakeholders and brainstorming sessions among faculties. Principal Dr. Madhuri Khambete shared a thought process about 3 categories in appraisal form and corresponding minimum API Score of PBAS, namely Academic Activities, Administration of department, college level activities and Research Publication activities. Dr. P.V.S Shastry noted the Minimum API required to be scored for each of the categories and suggested that appraisal parameters should be as per the goals to be achieved and as per the requirement of NIRF ranking.  
(Refer to the annexure IQAC/25.04.2024/A)

Point No. 4] Outline of Proposed Conference

Discussion : Outline of 1<sup>st</sup> International Conference and tentative tracks on AIML-Applications for Engineering & Technology (ICAET-25) is presented to IQAC members

Point No. 5] Highlights of the ISA conference

Discussion : Dr. Swati Madhe, briefed IQAC members about Future Forge : Automation for Tomorrow - Student led conference Organized by ISA CCOEW On 23rd February 2024. Aim of the conference was to Provide cutting edge Technology Insights to students. "Automation For Future" was the theme of the conference and attendees of all colleges presented their posters as per tracks of the poster presentation competition. IQAC members acknowledged the efforts taken by the ISA student chapter for the conference.

Point No. 6] Highlights of Innovation 2024.

Discussion : College Technical Secretary, Ms. Shakshi Khaire presented a summary of Techfest: Innovation 2024 which was held on 4th & 5th April 2024. This year 4000+ registrations were received for techfest. 24 events including 3 hackathons, 4 workshops, Tech-talks, Planetarium were arranged for participants. Prizes of 5 lakhs were won by winners across the different heads of competition. Ms. Sakshi also acknowledged the event sponsoring industries like Cummins India, BNY Mellon, Boeing, Ansys, Mastercard etc. IQAC members appreciated that the Techfest: Innovation 2024 is the platform for participants to demonstrate their technical skills and appreciated the efforts taken by the college student technical panel for the success of Innovation 2024.

Point No. 7] To discuss students' achievements.

Discussion : Dean - Quality assurance presented the students' achievements and awards won at technical, Sports and Cultural competitions.

1. Team Zenith secured AIR 8 in SAE BAJA 23-24 Competition
2. Team Vinidra won "Best Teamwork Award" in National Level CANSAT India Competition organized by Astronautical Society of India (ASI) IN-SPACE ISRO
3. One student selected for Volvo International internship at Sweden
4. 1<sup>st</sup> Place in the (Code)x hackathon by Capgemini India in collaboration with Link Innovations and AWS
5. Gold medal in Krida Mahotsav - Inter University Volleyball Championship
6. Gold medal in West Zone Inter University Lawn tennis Championship
7. Team Kalawant won at cultural events competition - Symbiosis karandak, Sarpotdar Karandak, Vidipath 2024, Udaan 2024, Mangalya 2024

Point No. 8] To discuss faculty achievements.

Discussion : Dean - Quality assurance presented the faculty achievement - patent granted and funds received by the faculty. Total 15 patents were granted in the duration January 2024 to April 2024. Total 21 patents were granted during AY 2023 -24 (Refer to the annexure IQAC/25.04.2024/A)

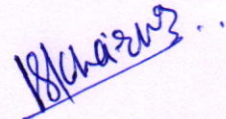
Point No. 9] To discuss the Performance-Based Appraisal System of Technical Assistants.

Discussion : Dean - Quality assurance presented the proposed draft of the Performance-Based Appraisal System of Technical Assistants.

Decision : It is decided to circulate the proposed draft of the Performance-Based Appraisal System of Technical Assistants to the Head of Departments.



Dr. Madhuri Khambete  
Chairperson  
Internal Quality Assurance Cell  
MKSSSs Cummins College of Engineering  
for Women, Pune.



Prof. Hitendra Khairnar  
Coordinator  
Internal Quality Assurance Cell  
MKSSSs Cummins College of Engineering  
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## Annexure IQAC/25.04.2024/A

### Faculty Achievements from January 2024 to April 2024

Name of the Faculty	Achievement
Dr. Revati Shriram	<b>2 Patent Granted</b> 1. System and method for prognosis of parkinson's disease 2. System and Method for detection of Neurogenerative Disease using speech and Body Odor Signatures
Dr. Dipti Patil	<b>2 Patent Granted</b> 1. IoT based Breath Analyser 2. Piezoelectric Sensors Integrated Hand Gesture Recognition Device
Dr. Prachi Mukherjee	<b>1 Patent granted</b> Vision Based Fall Detection system using computer vision and single board computer for elderly person
Dr. Nitin palan	<b>1 Patent granted</b> System for Indicating deformation and Damage of Manhole Closure
Dr. Ratnaprabha Borade	<b>1 Patent granted</b> System for accessing and controlling Continuous Passive motion machine remotely and method thereof
Nilesh R. Kolhalkar	<b>2 patent granted</b> 1. Robotic Arm for Grapes Harvesting and Automation in Viticulture (RAGHAV) 2. AI & Cloud Based Public Security Camera Device

Dr. Harish Shinde and Dr. Anand Bewoor	<p><b>1 Patent granted</b></p> <p>Device for diagnosis of Automobile Engine Oil and prediction of remaining useful life thereof</p>
Dr. Ajit Bhosale	<p><b>2 Patent granted</b></p> <p>1. An Instrument For Predicting Shelf Life Of Fruits And The Method of Measurement Thereof</p> <p>2. Height Adjustable Seat for Two Wheeler</p>
Dr. Neeta Maitre	<p><b>1 Patent granted</b></p> <p>A Method for predicting gene presence in a query sequence</p>
Mrs. Pranjali Deshpande	<p><b>2 Awards received</b></p> <p>1. Punekar News Women Achievers Awards 2024, 24<sup>th</sup> March 2024</p> <p>2. Awarded Rajmata Jijau Gaurav Puraskar 2024, 14<sup>th</sup> January 2024</p>