

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/105/21-22

Date : 17.03.22

A meeting of Internal Quality Assurance Cell was scheduled on 4<sup>th</sup> March, 2022 at 4.00 p.m. in the Conference Hall of Mechanical Building (Third Floor). Following members were present for the meeting.

- |                           |                               |                                    |
|---------------------------|-------------------------------|------------------------------------|
| (01) Dr. Madhuri Khambete | (02) Shri. Kishor Desarda     | (03) Dr. P.V.S. Shastry            |
| (04) Dr. Vikram Athalye   | (05) Dr. Anand Bewoor         | (06) Prof. A.N. Muchrikar          |
| (07) Dr. Ajit Bhosale     | (08) Dr. Sunita Jahirabadkar  | (09) Dr. Mrudul Dixit              |
| (10) Dr. Dipali Ramdasi   | (11) Dr. Sandeep Musale       | (12) Ms. Revati Gore               |
| (13) Ms. Meghana Vaidya   | (14) Mr. C' Shekhar Dhamankar | (15) Miss. Tanvi Arey              |
| (16) Miss. Sai Ghule      | (16) Miss. Saniya Godbole     | (17) Prof. Harsha Khedkar, Invitee |

Mr. Ashish Daryapurkar was not present for the meeting. His absence was approved by IQAC.

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

Point No. 1 : To confirm the minutes of the previous IQAC meeting, held on October 1, 2021.

Decision : Minutes of the previous IQAC meeting, held on October 1, 2021 were confirmed.

Point No. 2 : To discuss and analyze the Question Paper Audit Report (2020-21).

Discussion : • Dr. Vikram Athalye, Dean — Quality Assurance, discussed the findings of the audit of question papers for the 2020-21 courses. [Refer to the Attachment **IQAC/04.03.2022/A**]

Observations / Remarks : • The IQA Cell appreciated the efforts of the auditors' team in going through the question papers of all the theory courses. It was observed that for some programmes the benchmarks (the weightage for the inclusion of higher cognitive levels) are not achieved, for which, it was decided to have interactions with the concerned course chairpersons and to help them achieve the benchmarks.

Point No. 3 : To discuss the progress of the implementation of the Perspective Plan of the college.

Discussion : • Dr. Vikram Athalye, Dean — Quality Assurance, presented the progress of the implementation of the Perspective Plan of the College by considering all its metrics. [Refer to the Attachment — **IQAC/04.03.2022/B**]

Observations/  
Remarks : • It was observed that the actions and achievements for most of the metrics are on-track.  
• It was remarked by the members that more efforts are needed for the attainment of the benchmarks for the following metrics —  
1. Establishment of the Incubation Centre;  
2. Major and minor funded research projects;  
3. Consultancy assignments.

Point No. 4 : To discuss and analyze the Student Satisfaction Survey (2020-21).

Discussion : Dr. Vikram Athalye, Dean — Quality Assurance, presented the student responses to the satisfaction survey, which were based on the faculty performance related to teaching, course completion and evaluation, counselling and mentoring, opportunities for internships and also, exposure to co-curricular and extra-curricular activities.

Observation: Considering the responses, it was observed that the overall satisfaction level expressed by the students is high.


Point No. 5 : To review the activities of the NSS unit of the college.

Discussion : Prof. Harsha Khedkar madam presented in detail the activities of the NSS unit of the college during the years 2019-20, 2020-21 and also, 2021-22 (till date). These included activities as diverse as tree plantation — both offline and online, traffic awareness & road safety, blood donation and eye check-up camps, river cleaning, vaccination drive etc.

Observations /  
Remarks: • The IQA Cell appreciated the efforts of the students and faculty members involved in the NSS activities of the college.  
• Especially, it was noted that even during the pandemic situation, the NSS unit was quite active in organizing/conducting the activities online.

Point No. 6 : Any additional points, to be discussed with the permission of the chair.

Decision : No additional point was discussed.

  
Dr. Madhuri Khambete  
Chairperson, IQAC

MKSSSs Cummins College of Engineering for Women



Dr. Vikram Athalye  
Coordinator, IQAC

MKSSSs Cummins College of Engineering for Women

**Question Paper Audit Report (A. Y. 2020-21) – Observations**

Observation – 1:

<b>Related to the Course Outcomes (COs)</b>	
<b>Mapping:</b> Each question appropriately maps with at least one of the course outcomes.	YES: for all the courses (of 2020-21)
<b>Coverage:</b> All the COs are covered in the entire evaluation scheme (e.g. T1, T2 and ESE – all together) of the course.	YES: <b>95 %</b> ; NO: <b>5 %</b> (for the 2019-20 courses)
<b>Related to the Bloom's Levels (BLs)</b>	
<b>Higher Cognitive Levels:</b> Questions pertaining to the Bloom's levels of Analyze / Evaluate are included in the evaluation scheme of the course.	YES: <b>91 %</b> NO: <b>09 %</b> (For 2020-21)  YES: <b>55 %</b> NO: <b>45 %</b> (For 2019-20)

Observation – 2:

**Programme-wise average % of the weightage: higher cognitive levels**

*(Benchmarks: First Year — 10%, Second Year — 20%, Third & Final Year — 30% each)*

<b>F. Y. B. Tech. : 10 %</b>			
<b>Programme</b>	<b>S. Y. B. Tech.</b>	<b>T. Y. B. Tech.</b>	<b>Final Year B. Tech.</b>
COMP	20%	28%	30%
ETC	15%	16%	20%
INSTRU	28%	35%	23%
IT	20%	15%	23%
MECH	16%	14%	14%

The "Perspective Plan Review Committee" Meeting (held on 17/02/2022)  
 Summary of the Findings/Observations

Sr. No.	Metric	Metric Target	"Action" (Audit / Assessment)	"Achievement" (w.r.t. benchmarks)
1	Inclusion of "Open Ended Assignments" in the Lab Courses	50% of the lab courses per programme with at least one open-ended assignment	All the programmes have started the inclusion of OEAs in their lab courses.	On Track (Benchmarks are yet to be achieved by some programmes)
2	Dissemination of Best Pedagogic Practices	Publication of yearly magazine devoted to Engineering Education	Activity already started from 2019-20	On Track (Yearly benchmark is being achieved)
3	Evaluation for all courses based on the Revised Bloom's Taxonomy	Minimum weightage for the higher cognitive levels (analyze / evaluate): 10% – 1st Year Courses 20% – 2nd Year Courses 30% – 3rd Year Courses 30% – Final Year Courses	Activity already started from 2019-20	On Track (Benchmarks are yet to be achieved for some programme years)

4	Projects based on problem statements given by industry	At least 50 % projects per programme	Each year every programme has been offering several projects based on problem statements given by industry	On Track (Benchmarks are yet to be achieved by some programmes)
5	Incubation Centre	Establishment – by 2022	Process yet to be started	
6	Cell for Career Counselling and Guidance	Establishment – by 2019	The Cell is already established and is functional & active.	On Track
7	Pay Package	Growth in average & highest pay package	On Track	
8	Design Centre	Establishment – by 2019	The Centre is already established and is functional & active.	On Track
9	Centre of Excellence	Establishment – by 2023	The process of establishment is on.	

10	Funded Research Projects	Number of Completed – Minor Projects = 20 Major Projects = 10 – over 5 academic years (i.e. from 2019-2024)	Multiple actions have been taken – such as seminars and expert lectures for guidance, faculty interactions etc.	On Track (Benchmarks are yet to be achieved.)
11	Publications in Indexed Journals	50 per academic year	Multiple actions have been taken – such as incentives, seminars and expert lectures for guidance, faculty interactions etc.	On Track (Benchmark is yet to be achieved.)
12	Consultancy Assignments	10 over 5 academic years	Benchmark is yet to be achieved.	