

Working
Draft

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/16/23-24

Date : 12th August, 2024

A meeting of the Internal Quality Assurance Cell (IQAC) was conducted on 9th August, 2024 at 3.00 p.m. in the Conference Hall of Mechanical Building (Third Floor) of MKSSS's Cummins College of Engineering for Women. Following members were present for the meeting.

(01) Dr. Madhuri Khambete	(02) Dr. P.V.S. Shastry	(03) Mr. C' Shekhar Dhamankar
(04) Dr. Sunita Jahirabadkar	(05) Dr. Anagha Kulkarni	(06) Dr. Anand Bewoor
(07) Dr. Mrudul Dixit	(08) Dr. Prachi Mukherji	(09) Dr. Supriya Kelkar
(10) Dr. Ajit Bhosale	(11) Dr. Nivedita Daimiwal	(12) Dr. Sharada Ohatkar
(13) Dr. Ashok Khedkar	(14) Dr. Dipali Ramdasi	(15) Prof. Hitendra Khairnar
(16) Dr. Jyoti Chitale		

Dr. Dipti Patil Dr. & Kishor Desarda communicated their inability to attend the meeting. Mrs. Meghana Vaidya, Dr. Sandeep Musale, Mr. Prashant Renushe & Dr. Madhuri Purandare could not attend the meeting. Absence of these IQAC members 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 25 th April, 2024.
Decision :	Minutes of the previous IQAC meeting held on 25 th April, 2024 were confirmed.
Point No. 2]	To discuss and approve the proposed Perspective Plan for AY 2024 -2029
Discussion :	The perspective plan of the institute for its overall development by considering various objective of NEP and actions items are as per the requirements of NBA, NAAC and NIRF is described with reference to the following dimensions: 1. Teaching - Learning as per NEP Guidelines 2. Holistic Development of students 3. Staff Development

4. Research Ecosystem

Discussion is carried out related to the action points and metrics of the above mentioned dimensions.

Mr. C' Shekhar Dhamankar said, he will guide for collaborations and activities with industry, NGO's and will provide inputs related to interview techniques and skill development.

Dr. P.V.S. Shastry Sir suggested setting up a process to encourage startups by students.

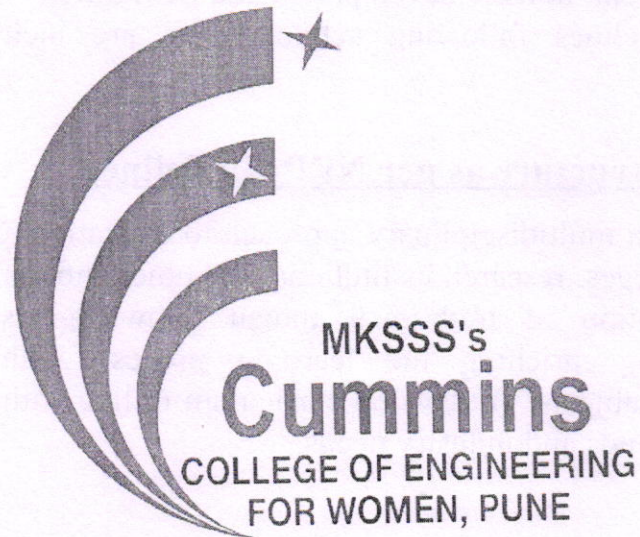
Principal, Dr. Madhuri Khambete madam said to IQAC members to provide suggestions related to action points and Metrics of the proposed Perspective Plan for AY 2024 - 2029. Annexure - IQAC/09.08.2024/A

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
for Women, Pune.

Annexure IQAC/09.08.2024/A

Perspective Plan (2024-2029)



**MKSSS's Cummins College of Engineering for Women,
Karvenagar, Pune.**

The perspective plan of the institute for its overall development by considering various objective of NEP and actions items are as per the requirements of NBA, NAAC and NIRF is described with reference to the following dimensions:

- 1. Teaching - Learning as per NEP Guidelines**
- 2. Holistic Development of students**
- 3. Staff Development**
- 4. Research Ecosystem**

Teaching - Learning as per NEP Guidelines

The National Education Policy (NEP) 2020 focuses on multidisciplinary approach, skill development, holistic development and flexibility. Considering NEP guidelines following action points are included in the Perspective plan.

A. Curriculum Structure as per NEP Guidelines

NEP policy promotes a multidisciplinary approach to education, collaboration among universities, colleges, research institutions, and other entities. NEP policy encourages the integration of traditional Indian knowledge systems into contemporary curricula, enriching the learning process with a holistic perspective on various subjects. To develop curriculum in line with NEP and as per global technology trends and industry needs.

Action points :

- **Offering B.Tech Degree with Multidisciplinary Minors**

In the curriculum every programme will offer multidisciplinary minors. To provide exposure to a diverse range of subjects beyond their primary field of study.

- **Flexibility through Choice Based Credit courses**

Curriculum will be framed with choice based courses in the form of programme electives and open electives.

- **Self learning component by MOOC Courses**

Every programme will provide an opportunity to students to learn the courses of their choice from the NPTEL course category. This will develop the self learning ability of the students.

- **E-content created by the department**

Every department will create E- contents for the courses in the curriculum which would be available to all the students.

Metric:

- Number of MDM : at least two options per programme over 5 academic years
- Percentage of Choice based credits : at least 30% of total credits over 5 academic years
- Percentage of MOOC courses: at least 10% of total credits over 5 academic years . At present one MOOC course with 3 credits is offered.
- Number E-Content Course creation : at least 1 course per year per department should be created by a group of faculty.

B: Collaboration

NEP gives thrust on skill development. Lab courses, industry relevant courses help to develop technical skills of the students. Internships, projects give opportunities to apply these skills. Institute aims to collaborate with the Industries, foreign universities and NGO for skill development ,internships and projects. Action points are as follows:

Action points :

- **Collaboration with Industry**
For Expert lectures, co-teaching, jointly designed courses, development of labs, industrial visits , student projects and internship.
- **Collaboration with foreign Universities**
To provide Credit transfer, Internship and Joint certificate Programme
- **Collaboration with NGO**
To undertake projects of social relevance

Metric:

- Number of MOU's with Industry / Academic Institute / Research institute/NGO: at least 10 functional MOU per academic year
- Number of Industrial Visits: at least 5 visits per academic year
- Number Expert Lectures : at least 40 expert lectures per academic year
- Number of Community Projects with NGO: at least 10% of total projects
- Number of internships / Projects with Industry : at least 60% of students will go for industry internships.
- Number of course development / Co teaching with industry: at least 2 theory courses and one 1 lab per department

- Number of MOU with Foreign universities for Credits transfer / internships / joint certificate programme: MOU with at least 10 foreign universities

Holistic Development of Students

Along with academics and skill development; holistic development of students is important. Co curricular and extra curricular activities play a big role in holistic development of students. Professional society chapters students club provide a platform for organization of different activities. Soft skill training programs help students to develop communication skills .

Action points :

- **To organize training programs on soft skill development and leadership development**
- **To facilitate students to participate in Co- Curricular and extracurricular activities**

By providing financial support, resources, and faculty guidance etc. Institute aims to see participation of every student in co-curricular and extracurricular activities.

- **Organize Sessions on**
 - Competitive exams
 - Higher studies
 - Career path
 - Entrepreneurship
- **Organize Sessions on physical and mental well-being**
- **Organize Students events:.**
 - Techfest
 - Cultural
 - Sports
 - Professional society
 - Students clubs

Metric:

- One value added program of soft skills and leadership development for SY and TY each
- Every student will participate in at least one activity every year such as technical competitions, paper presentations, NSS membership, Unnat Bharat Abhiyan, Sports events, cultural events, representing college, college magazine, department newsletter etc.
- Arrange Periodic sessions every year for all students: Competitive exams

preparations ,Higher studies, Career path , Entrepreneurship, physical and mental well-being

- Organize at least one event for each category per year :
Techfest, Cultural, Sports, Professional society, Students clubs etc.

Staff Development

To enhance the knowledge and skills of the staff, following are the action points.

Action points :

- **Organization of FDP/ STTP**
- **Facilitate staff to attend FDP/STTP/Workshop**
- **Facilitate faculty to complete NPTEL course**
- **Organization of training program for Non-teaching staff**

Metric:

- Number of FDP and STTP organized by every department :at least 1 per year
- Number of FDP/ STTP/ workshop attended by faculty : at 1 per year
- Number of NPTEL course certification by faculty : at least 1 per years
- Organization of training programs for non teaching staff : at least 2 per year

Research Ecosystem

The goal is to enhance the current research activities such as research publications ,funded projects, startups, consultancy,patents etc.

Action points :

- **Quality Research Publication**

To increase the number of research publications by providing guidance/mentoring, providing incentives.

- **Patent Filing**

IPR cell of the college will create awareness about patent filing. The cell will also take care of patent filing, patent examination etc. the fees for filing and examination will be paid by the institute.

- **Establishment of incubation and entrepreneurship ecosystem**

College will establish an incubation center to promote startup ideas.

- **Funded research projects and consultancy**

Institute aims to attract more research projects and consultancy. For this dean R&D office will arrange awareness sessions about research funding schemes and will provide seed money for pre research work. Adjunct faculty members will guide the faculty for proposal writing and research work.

Metric:

- Number of research publication :at least 125 per year
- Number of patents filed: at least 10 per year
- Number of startup companies : at least 5 over 5 academic years
- Amount of funded research projects: at least 50 lakhs per year
- Number of consultancies : at least 10 consultancies over 5 academic years
- Conferences Organization : at least 3 over 5 academic years