

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/ 2 /25-26

Date : 26<sup>st</sup> May, 2026

A meeting of the Internal Quality Assurance Cell (IQAC) was conducted on 21<sup>th</sup> May 2026 at 2.00 p.m. in the Conference Hall of Mechanical Building (Third Floor) of MKSSS'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) Mr. Prashant Renushe |
| (04) Dr. Sandeep Musale      | (05) Dr. Prachi Mukherjee | (06) Dr. Supriya Kelkar   |
| (07) Dr. Ajit Bhosale        | (08) Dr. Ashok Khedkar    | (09) Dr. Sharada Ohatkar  |
| (10) Dr. Sunita Jahirabadkar | (11) Dr. Anagha Kulkarni  | (12) Dr. Dipali Ramdasi   |
| (13) Dr. Jyoti Chitale       | (14) Dr. Anand Bewoor     | (15) Dr. Mrudul Dixit     |
| (16) Prof. Hitendra Khairnar |                           |                           |

Ms. Vaijayanti Kherdekar, Mr. C' Shekhar Dhamankar, Dr. Dipti Patil, Dr. Madhuri Purandare, Dr. Nivedita Daimiwal, Ms. Rujuta Kulkarni, Ms. Rucha Joshi and Ms. Kajal Israni could not attend the meeting. The 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 the previous IQAC meeting held on 13<sup>th</sup> January, 2026.

Decision : Minutes of the previous IQAC meeting held on 13<sup>th</sup> January, 2026. were confirmed.

Point No. 2] To review perspective plan of the institute

Discussion : (i) The perspective plan of the Institute was finalized in AY 2024–25 for the period from 2024–25 to 2028–29. In view of the implementation of the NEP and revisions in NBA accreditation requirements, faculty and other stakeholders expressed the need to revise the plan. Considering the draft of the revised perspective plan was proposed.

- (ii) Discussion included, following four dimensions of Perspective plan, corresponding modified action points metrics and targets etc.
1. Teaching - Learning
  2. Holistic Development of students
  3. Staff Development
  4. Research Ecosystem
- (iii) The revisions related to the action points, metrics and targets of the Perspective Plan dimensions were presented to the IQAC members.

Decision: (i) Approval was granted to the perspective plan revision.  
(ii) This plan will be considered for the period 2026-27 to 2031-32.

Refer Annexure 'A' for Perspective Plan of the Institute w.e.f. AY 2026-27.

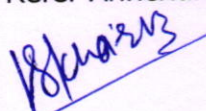
Point No. 3] To Review Academic Audit Format

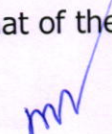
Discussion : Dean IQAC presented Academic audit format containing following details

1. Students' intake
2. Student faculty ratio (SFR)
3. Faculty Cadre proportion
4. Quality of Teaching - Learning process
5. Co-Curricular and Extra-curricular activities
6. Students Performance
7. Program attainment
8. Faculty Contribution
9. Departmental budget utilization
10. Mechanism to conduct the audit

Decision: Revision related to Academic Audit Format was approved by IQAC members.

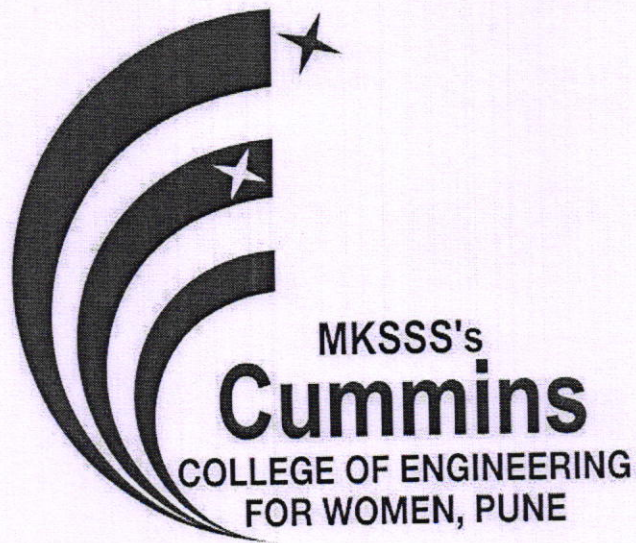
Refer Annexure 'B' for revised Academic Audit format of the institute.

  
Prof. Hitendra Khairnar  
Co-ordinator  
Internal Quality Assurance Cell  
MKSSSs Cummins College of Engineering  
for Women, Pune.

  
Dr. Madhuri Khambete  
Chairperson  
Internal Quality Assurance Cell  
MKSSSs Cummins College of Engineering  
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# **Perspective Plan**

**[ w.e.f AY 2026 - 2027 ]**



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

**MKSSS's**  
**Cummins College of Engineering for Women Pune**

**Institute Vision Statement**

To be globally renowned engineering institute for imparting holistic education and developing professional women leaders in engineering and technology

**Institute Mission Statements**

1. To impart quality engineering education with a multidisciplinary approach
2. To promote creativity, innovation and entrepreneurial attitude
3. To inculcate values, lifelong learning skills and sense of contribution towards industry and society
4. To provide opportunities for holistic development

The perspective plan of the institute has been 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**
- 2. Holistic Development of students**
- 3. Staff Development**
- 4. Research Ecosystem**

## **Teaching - Learning**

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.

- **Internships and Community Projects,**

Inclusion of industry internships / research internships and community projects in the curriculum.

- **Curricular and co-curricular activities addressing Sustainable Development Goals (SDGs)**

- **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.

#### **Metrics and Targets :**

- Number of MDM : at least two options per programme over 5 academic years
- **Percentage of choice based credits: 15% of total credits over 5 academic years**
- **Percentage of MOOC courses: at least 5% of total credits over 5 academic years.**
- **Number of Capstone projects and Community Projects: at least 10% projects focused on Sustainable Development Goals (SDG's).**
- **At least one Hackathon / Ideathon relevant to SDG per year per department**
- **Number e-Content Course creation : Every course should have e-content creation**
- **Identification of Slow learners and Arranging sessions for them**

## **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.

### **Metrics and targets :**

- 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 25 visits per academic year
- Number Expert Lectures : at least 40 expert lectures per academic year
- 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 extracurricular activities play a big role in holistic development of students. Professional society chapters, students clubs 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 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. The 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

**Metrics and Targets:**

- Number of value added programs of skills and leadership development :  
At least one program for SY and TY each year
- Participation in technical competitions, paper presentations, NSS membership, Unnat Bharat Abhiyan, Sports events, cultural events, representing college, college magazine, department newsletter etc. : Every student will participate in at least one activity every year
- Number of sessions on competitive exams preparations , higher studies, career path and entrepreneurship.
- Physical and mental well-being : Arrange Periodic sessions every year for all students
- Number of Techfest, Cultural, Sports, events : Organize at least one event for each category per year

- Number of events for professional Society chapters : Organize at least two events per chapter every year
- Number of events for Student clubs : Organize at least one event per club every year

### **Staff Development**

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

#### **Action points :**

- **Organization of FDP/ STTP / Workshop**
- **Facilitate faculty to attend FDP / STTP / Workshop**
- **Facilitate faculty to complete NPTEL course**
- **Organization of training program for Non-teaching staff**
- **Faculty Internship / Industry Training**
- **Professional Society Membership**

#### **Metrics and Targets :**

- Number of FDP and STTP organized by every department : at least 2 per year
- Number of FDP/ STTP/ workshop (more than 5 days duration) attended by faculty : 1 per year
- Number of NPTEL course certification ( minimum 8 weeks duration) by faculty : at least 1 per year
- Organization of training programs for non-teaching staff : at least 2 per year
- Number of faculty Internship: All faculty members should complete internship / industry training in 3 years.
- Every faculty should be the member of at least one professional society

## 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**

The college will establish an incubation center to promote startup ideas.

- **Funded Research projects and Consultancy**

The 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.

### Metrics and targets:

- Number of research publication : at least 125 per year
- Number of startup companies : at least 5 over 5 academic years
- Amount of funded research projects : at least 20 lakhs per department
- Number of consultancies : at least 25 consultancies over 5 academic years
- Conferences Organization : at least 3 over 5 academic years
- Amount of Seed Money Utilization (from AY 25 - 26) : 10 Lakhs per department in 3 years.

*Annexure 'B'*  
**Academic Audit for the AY 2025 - 2026**

1) Name of the program : \_\_\_\_\_

2) Date of establishment : \_\_\_\_\_

3) Other Details:

Dissemination of Vision and Mission of the Institute		
Dissemination of PEO and PSO of Department		
Meetings Conducted to Review Syllabus Structure / Curriculum		
	<b>Sanctioned</b>	<b>Actual</b>
Students Intake at first year		
Students Intake via lateral entry		
Total number of faculty		
Number of faculty with Ph.D.		
Number of faculty those are perusing PhD		
Number of faculty with ME/MTech (excluding those who are perusing PhD)		
	<b>Required</b>	<b>Actual</b>
Student-Faculty Ratio (SFR)		
Faculty Cadre Proportion		
● Professor		
● Associate Professor		

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<ul style="list-style-type: none"> <li>• Assistant Professor</li> </ul>		
<ul style="list-style-type: none"> <li>• Adjunct Professor Name and engagement record</li> </ul>		
<ul style="list-style-type: none"> <li>• Visiting Professor Name and engagement record</li> </ul>		

#### 4) Quality of Teaching - Learning Process

	Processes / Parameters	Observations / Remarks by Auditor(s)
A	Adherence to Academic Calendar	<i>CCOEW Academic Calendar Dept. Academic Calendar (if prepared)</i>
B	Course Planning	<i>Course File, topics / unit for e-content creations, Selflearning etc.</i>
C	Conduct of classes and Lab	<ol style="list-style-type: none"> <li>1. <i>Samples attendance record (s) SE, TE, BE</i></li> <li>2. <i>Class teacher activity related documents,</i></li> <li>3. <i>Defaulter list etc.</i></li> </ol>
D	Continuous Assessment in the laboratory and Tutorials	<i>Sample assessment Records and Rubrics</i>
E	Student support for Slow learner	<ol style="list-style-type: none"> <li>1. <i>Identification</i></li> <li>2. <i>Action taken</i></li> <li>3. <i>Impact Analysis</i></li> </ol>
F	Mentoring System	<i>Mentor - Mentee system related documents</i>
G	Students Feedback	<i>Std. Student feedback process followed. Summary of faculty feedback. Letters given to Faculty by HoDs...</i>
H	Innovative / Best Practices related to use of Innovations by the Faculty in teaching and assessment / evaluation	<i>Report on innovative / best Practices by faculty</i>
I	Coverage of Syllabus {Question paper mapped to units, COs and RBL}	<i>Auditors may check sample question papers for syllabus coverage, CO and RBL mapping</i>

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<b>J</b>	Continuous monitoring and evaluation of CEP and Capstone Project work	<i>Process and related documents in case of Minor / Major Projects.</i>
<b>K</b>	Conduction of Question paper audit	<i>Yes / No</i>
<b>L</b>	Organizing engineering events	<i>Workshop, Seminar, Conferences, Webinar, FDP / STTP (at our Institute),</i>

#### 5) Co-Curricular and Extra-Curricular Activities

	<b>Co- Curricular</b>	<b>Number</b>	<b>Observations by Auditor(s)</b>
<b>A</b>	Expert lectures arranged & its impact analysis		
<b>B</b>	Industry visit(s) and its impact analysis		
<b>C</b>	Industry internship / summer training and its impact analysis		
<b>D</b>	Special efforts to make students aware about professional ethics		
<b>E</b>	Activity report of professional societies / chapters		<ol style="list-style-type: none"> <li>1. Activity</li> <li>2. No of students attended the activity</li> <li>3. Photos</li> </ol>
<b>F</b>	Students' participation in Engineering events (e.g. Paper presentation, Project competition etc)		
	State Level		<i>Related records of participation, prizes won.</i>
	National Level		<i>Related records of participation, prizes won.</i>
<b>G</b>	Students' publications		<i>Related records of publications</i>
<b>H</b>	IPR filed by students		<i>Related records of IPR</i>

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<b>I</b>	Publication of technical magazines, newsletters, etc.		<i>Related records of publication, magazines, newsletters etc.</i>
<b>J</b>	Curricular and Co-curricular activities for addressing Sustainable Development Goals (SDG's)		<i>Details of Activities conducted, Evidence of Addressing SDG relevant programs Ex. Hackathon, Capstone projects, professional society activities, Workshop, Club activity etc.</i>
<b>K</b>	<b>Extra Curricular Activities</b>		
	Cultural		<i>Related records of participation / certificates</i>
	Sports		<i>Related records of winning competitions / participation / certificates</i>
	Initiatives related to social activities (e.g. NSS activity)		<i>Related records of organizing events / participations</i>

### 6) Student Performance

#### 6.1) Result analysis

Year	Number of students appeared	No. of students CGPA > 9	No. of students CGPA 8 to 9	No. of students CGPA 7 to 8	No. of students CGPA 6 to 7	No. of students CGPA 5 to 6
B. Tech						
Third Year						
Second Year						
<b>Auditor's Remark:</b>						

**Academic Audit Report**

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**6.2) Student Performance in Placement, Higher Studies and Entrepreneurship**

	Parameters	Number	Observations
A	Final Year Students		
B	Students placed in companies or Government Sector		<i>Placement statistics along with list and offer letters</i>
	Non-Government		<i>Highest Package offered : Average package offered : No. of companies where students placed :</i>
	Government		<i>Highest Package offered : Average package offered : No. of companies where students placed :</i>
B	Students admitted to higher studies with valid qualifying scores (GATE, GRE, GMAT or equivalent State / National Level Tests, etc.)		<i>Related records of scores of qualifying exams</i>
D	Students turned entrepreneur in engineering / technology		<i>Related records of Entrepreneurship</i>

**7) Program Attainment**

Overall Attainment AY 2025 - 26													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
Direct PO Attainment													
Indirect Attainment													

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Total PO Attainment													
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	Observations about Attainment	Auditor's Remarks about Attainment

#### 8) Faculty Contributions

<b>A</b>	No. of FDP / STTP / Workshop / Conferences organized by department for faculty :		
<b>B</b>	Faculty as participants in FDP / training activities / STTPs		
	Participation in less than one week FDP / training activities / STTPs		
	Participation in two week(s) FDP / training activities / STTPs		
	Participation in two week(s) FDP / training activities / STTPs		
<b>C</b>	Research paper publications	SCI	Scopus
	Journal Papers		
	Conference Papers		
<b>D</b>	Publication of Books / Book chapters		
<b>E</b>	No. of Ph.D. guides		
<b>F</b>	No. of Sponsored Research projects		
<b>G</b>	Research Funding received in AY 2025-26 (INR)		
<b>H</b>	Consultancies and Amount received in AY 2025-26 (INR)	1. 2. 3.	

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<b>I</b>	Seed Funding Utilized in AY 2025-26 (INR)	
<b>J</b>	IPR Details (Patents / Copyrights / Design..)	Filed : Published : Granted :
<b>K</b>	Details of e-contents developed by faculty	
	<b>Remark(s):</b>	

#### 9) Department Budget Utilization

Proposed Budget	Utilized Budget	Remarks related to utilization (Utilized / Not Utilized)

**Overall Suggestions :**

## Academic Audit Report

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### Auditor's Names and Sign

		Name	Sign
1	External Auditor		
2	Internal Auditor		
3	Dean (Quality Assurance)		
4	Head of the Department		

### Mechanism of academic audit

- The purpose of an academic audit is to encourage departments or programs to evaluate their “academic processes quality”.
- The academic audit committee comprises External auditor from other HEI, Internal auditor from other department, Dean (Quality Assurance) and Head of the Department.
- **Academic audit is conducted once a year** and to be scheduled after the end of the academic year, and after declaration of 2<sup>nd</sup> semester results.
- As a part of the academic audit process, standard academic audit report (format) is used.
- Wherever required, the department or program under evaluation should submit the necessary data in the said audit report.
- During the audit, documentary evidence is to be presented to auditors.
- As per observations / remarks made by auditors, the department or program should submit a compliance report to the Principal / IQAC