

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/AC/08/2022-23

Date : 18<sup>th</sup> August, 2022

The Online / Offline meeting of Academic Council of MKSSS's Cummins College of Engineering for Women was conducted on 5<sup>th</sup> August, 2022, at 2.30 p.m. in the Conference Hall (3<sup>rd</sup> Floor) of Mechanical Building of MKSSS's Cummins College of Engineering for Women, Pune.

Following Academic Council members were present for the meeting in person.

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| (01) Dr. Madhuri Khambete           | (02) Dr. Sunil Thakre               |
| (03) Dr. Kalyani Joshi              | (04) Dr. Prachi Mukherji            |
| (05) Dr. Supriya Kelkar             | (06) Dr. Anagha Panditrao           |
| (07) Dr. Anagha Kulkarni            | (08) Dr. Gautam Chandekar           |
| (09) Dr. Madhuri Purandare          | (10) Prof. Amit Rajurkar            |
| (11) Dr. Anand Bewoor               | (12) Dr. Ajit Bhosale               |
| (13) Dr. Ashutosh Muchrikar         | (14) Dr. Vikram Athalye             |
| (15) Dr. Sandeep Musale             | (16) Dr. Makrand Velankar (Invitee) |
| (17) Prof. Mrunal Moharir (Invitee) |                                     |

Following Academic Council members attended meeting online using Google meet.

- |                     |                       |
|---------------------|-----------------------|
| (18) Dr. B.B. Ahuja | (19) Dr. Nilesh Powar |
|---------------------|-----------------------|

Dr. Bhalchandra Puranik, Dr. Pradeep Kurulkar, Mr. Ajay Deshmukh, Dr. Sunita Jahirabdkar & Dr. Anita Patil communicated their inability to attend the meeting. Their absence was approved by the Academic Council.

Principal Dr. Madhuri Khambete welcomed all the Academic Council members present for the meeting online and offline.

Following points were discussed and decisions were taken in the meeting:

- Point No. 1] To confirm the minutes of the previous Academic Council meeting held on 22<sup>nd</sup> December, 2021.
- Discussion : Principal Dr. Madhuri Khambete read the Minutes of previous Academic Council Meeting.
- Decision : Minutes of the previous Academic Council meeting held on 22<sup>nd</sup> December, 2021 were confirmed.

Point No. 2] To approve the nominations of Board of Study members.

- Discussion :
- 1) Dean Academics presented proposed nominations for Boards of Studies. Respective Heads of the Departments / Chairmen, Board of Studies gave detailed information about proposed nominees of Boards of Studies.
  - 2) Dr. B.B. Ahuja said that all proposed experts are good. In addition to these members BoS may invite experts from institutes having ranking better than Cummins College. This would help to know good practices in their institutes.

### **Proposed Academic Council Nominees for Board of Studies**

SN	Board of Studies	Proposed Nominee
1	Electronics & Telecommunications Engineering	<ol style="list-style-type: none"><li>1. Dr. Sumatra Datta Roy Professor Department of Electrical Engg. IIT Delhi</li><li>2. Dr. Kishor Bhurchandi Professor, Department of Electronics and Communication Engg. Visvesvarya National Institute of Technology, Nagpur</li></ol>
2	Computer Engineering	<ol style="list-style-type: none"><li>1. Dr. Vrushali Kulkarni Professor &amp; Head (Computer Engineering) World Peace University, Pune.</li><li>2. Dr. Suhas Patil Professor &amp; Head, IT Department Bharati Vidyapeeth University College of Engineering, Pune</li></ol>
3	Instrumentation & Control Engineering	<ol style="list-style-type: none"><li>1. Dr. Gajanan Nagare Professor, Biomedical Engineering Vidyalankar Institute of Technology Mumbai</li><li>2. Dr. Pooja Gundewar Assistant Professor MIT World Peace University</li></ol>
4	Information Technology	<ol style="list-style-type: none"><li>1. Dr. Manisha Nene Head, Department of Computer Science and Engineering Department at Defence Institute of Advanced Technology, Pune.</li><li>2. Dr. Parikshit Mahalle Professor and Head, Department of Artificial Intelligence and Data Science at Vishwakarma Institute of Information Technology, Pune</li></ol>

5	Mechanical Engineering	<ol style="list-style-type: none"> <li>1. Dr. Salil S. Kulkarni Associate Professor, Department of Mechanical Engineering, IIT-Bombay</li> <li>2. Dr. Dineshsingh G. Thakur Associate Professor, Defense Institute of Advanced Technology</li> </ol>
6	Board of studies of sciences	
	Physics	<ol style="list-style-type: none"> <li>1. Dr. Suhita Nadkarni Associate Professor, IISER, Pune</li> </ol>
	Chemistry	<ol style="list-style-type: none"> <li>1. Dr. Manisha Khaladkar Associate Professor Institute : Government College of Engg., Yavatmal</li> </ol>
	Mathematics	<ol style="list-style-type: none"> <li>1. Prof Dr. Arunkumar Patil Associate Professor Head of Mathematics Department S.G.G.S Institute of Engineering and Technology, Nanded.</li> </ol>
7	Electrical Engineering	<ol style="list-style-type: none"> <li>1. Dr. M. S. Panse Professor, Department of Electrical and Electronics Engineering, V.J.T.I. Mumbai.</li> <li>2. Dr. D.C. More Associate Professor, Department of Electrical Engineering Walchand College of Engineering, Sangli.</li> </ol>
8	Civil Engineering	<ol style="list-style-type: none"> <li>1. Dr. Madhav B. Kumthekar Former Principal- Govt College of Engg, Nagpur</li> <li>2. Dr. Nivedita Gogate Professor in Civil Engg. - MIT World Peace University, Pune</li> </ol>
9	Humanities & Management	<ol style="list-style-type: none"> <li>1. Dr. S. Vijaykumar Bharathi Professor, Symbiosis International (Deemed) University.</li> <li>2. Dr. Avinash Purandare Senior Associate Professor NICMAR (National Institute of Construction Management and Research), Pune</li> </ol>

Decision : The approval is granted for the above mentioned Academic Council nominees for respective Boards of Studies.

Point No. 3] To approve Academic Calendar for A.Y. 2022-23.

Discussion : Dean Academics presented proposed Academic Calendar for the A.Y. 2022-23.

<b>Academic Calendar AY: 2022-23</b>		
<b>SEM-I</b>		
Sr.No.	Dates	Year & Class
1	08/08 /2022	Commencement of T.Y. B.Tech. & Final Year B.Tech.
2	01/09/2022	Commencement of S.Y. B.Tech.
3	03/10/2022 to 08/10/2022	T2 Examination of T.Y. B.Tech. & Final Year B.Tech
4	17/10/2022 to 22/10/2022	T2 Examination of S.Y. B.Tech.
5	26/11/2022	Conclusion of Teaching of T.Y. B.Tech. & Final Year B.Tech.
6	16/12/2022	Conclusion of Teaching of S.Y. B.Tech.
7	28/11/2022 to 08/12/2022	PR / OR examination of T.Y. B.Tech. & Final Year B.Tech.
8	19/12/2022 to 30/12/2022	PR / OR examination of S.Y. B.Tech.
9	14/12/2022 to 24/12/2022	ESE examination of T.Y. B.Tech. & Final Year B.Tech.
10	04/01/2023 to 14/01/2023	ESE examination of S.Y. B.Tech.

  

<b>SEM-II</b>		
Sr.No.	Dates	Year & Class
1	02/01 /2023	Commencement of T.Y. B.Tech. & Final Year B.Tech.
2	16/01/2023	Commencement of S.Y. B.Tech.
3	27/02/2023 to 04/03/2023	T2 Examination of T.Y. B.Tech. & Final Year B.Tech
4	13/03/2023 to 18/03/2023	T2 Examination of S.Y. B.Tech.
5	22/04/2023	Conclusion of Teaching of T.Y. B.Tech. & Final Year B.Tech.
6	05/05/2023	Conclusion of Teaching of S.Y. B.Tech.
7	24/04/2022 to 05/05/2023	PR / OR examination of T.Y. B.Tech. & Final Year B.Tech.
8	08/05/2023 to 19/05/2023	PR / OR examination of S.Y. B.Tech.
9	10/05/2023 to 20/05/2023	ESE examination of T.Y. B.Tech. & Final Year B.Tech.
10	24/05/2023 to 03/06/2023	ESE examination of S.Y. B.Tech.

- Discussion :
1. Prof. Bewoor said that schedule of T<sub>1</sub> examination, industrial visits, student - mentor meetings, co-curricular activities, feedback session etc. would be decided by Departments.
  2. Dean academics requested permission to prepare academic calendar for F. Y. B. Tech. And F. Y. M. Tech. Students in line with admission schedule of AY 2022-23.
  3. Dr. B.B. Ahuja asked about the schedule of College fests. i.e. Technical Fest, Cultural Fest etc. Principal told that in the Second Semester, provision of one week is made for all College fests. Every year, student panel decides the dates of College Fests.

- Decision :
- 1 The approval is granted for the proposed Academic Calendar for A.Y. 2022-23.
  - 2 Further, permission is also granted for preparing academic calendar for F. Y. B.Tech. and F. Y. M.Tech. Students in line with admission schedule [for AY 2022-23].

Point No. 4] To approve 7<sup>th</sup> Semester internship / project work credit distribution, examination scheme and rules for internship / project.

- Discussion on internship / project work credit distribution
1. Dr. Bewoor said that as per the structure, all students are expected to take industry internship or project work in 7<sup>th</sup> Semester. Total credits for the internship are 15.
  2. Training Placement officer, Amit Rajurkar told that Industries have different models of internship duration, ranging from 2 months to 6 months. To accommodate all these models previous academic council has approved Internship or project or internship & project in 7<sup>th</sup> Semester.
  3. With reference to this, Dean Academics presented proposed credit distribution and examination scheme for internship and project

#### **Internship / project work credit distribution**

Industry Internship duration (Months)	Project duration (Months)	Credits for Internship	Credits for Project	Marks for Internship	Marks for Project
6	--	15	--	300	--
5	1	13	02	250	50
4	2	11	04	200	100
3	3	08	07	150	150
2	4	05	10	100	200
--	6	--	15	--	300

4. Dr. B.B. Ahuja said that students completing 5 months internship may be exempted from project work as it is not possible to complete project in only month.
5. Dr. Madhuri Khambete said that to keep engagement duration same for all the students and to justify difference between 5 months & 6 months internship work, additional project work is suggested.  
She also suggested to take review of internship and project credit distribution after one year. If required revision in the scheme may be done.
6. Dr. Supriya Kelkar suggested to give small project in such case (5 months) which may be in continuation with whatever they have learnt during internship.
7. Mr. Nilesh Powar appreciated the options of 2 to 6 months internship.

Discussion on  
internship /  
project evalua  
tion scheme  
and phase  
wise Mark  
allotment

1. Dean academics, Prof. Bewoor presented schedule of internship and project work evaluation and phase wise marks allotment.

#### **Schedule of Internship evaluation and phase wise Marks**

Internship Duration (Months)	Total Marks for Internship	*ISE - I (Industry Mentor)	*ISE - II (Industry Mentor + Guide )	*ISE - III (Industry Mentor + Guide )	*ISE (I+II+ III) Total	**E-SE
<b>6</b>	300	75 [Before ESE]	50 [After 2 months]	75 [After 4 months]	<b>200</b>	<b>100</b>
<b>5</b>	250	50 [Before ESE]	50 [After 2 months]	75 [After 4 months]	<b>175</b>	<b>75</b>
<b>4</b>	200	50 [Before ESE]	40 [After 2 months]	60 [After 3 months]	<b>150</b>	<b>50</b>
<b>3</b>	150	30 [Before ESE]	70 [After 2 months]	---	<b>100</b>	<b>50</b>
<b>2</b>	100	15 [Before ESE]	35 [After 2 months]	---	<b>50</b>	<b>50</b>

### Schedule of Project evaluation and phase wise Marks

Project Duration (Months)	Total Marks for Project	ISE		*ISE (I+II) Total	**ESE (Industry & College Guide)
		*ISE - I (Industry & College Guide)	*ISE - II (Industry & College Guide)		
6	300	50 [After 2 months]	150 [After 4 months]	200	100 [After 6 months]
4	200	30 [After 1.5 months]	120 [After 3 months]	150	50 [After 4 months]
3	150	20 [After 1 month]	80 [After 2 months]	100	50 [After 3 months]
2	100	15 [After 1 month]	35 [After 2 months]	50	50 [After 2 months]
1	50	10 [After 1 month]	15 [After 1 month]	25	25 [After 1 month]

2. Evaluation for ISE-I for internship is based on Students' performance throughout internship durations.
3. Rubric (criteria) recommended for students' performance on project work during ISE- I are as follows
  - i. Regularity
  - ii. Log-book / report
  - iii. Professional work ethics
  - iv. Ability to work in a team
  - v. Communication skills
4. Dr. Kalyani Joshi suggested following criteria for ISE – II & III.
  - i. Log Book (Weekly) (Identification Scheduling w.r.t. time Completion)
  - ii. Tools and Techniques used/applied
  - iii. Problem Scope identification, Procedure/ algorithm/methodology followed
  - iv. Design/ Implement /Validate System (Components, Processes etc.)
  - v. Presentation
5. Dr. B.B. Ahuja suggested adding research publication criteria for projects of duration more than 4 months.

Discussion on  
internship /  
project evaluati  
on scheme and  
phase wise  
Mark allotment

Prof. Bewoor presented proposed rules for internship / project during 7<sup>th</sup> semester:

- 1) Students can select and work on any option either project or internship (*of any duration*) as explained in Table 1.
- 2) Students can opt for research internship but they need to follow college academic calendar.
- 3) Students need to report her decision about opting either project or internship (*of any duration viz. 2,3,4,5,6 months*) as an option to earn credits in 7th Semester to their respective department coordinator before 15th June of academic year.
- 4) In case, students opt for or need to work for Internship for plus project option then, they need to complete internship first and then only can work on selected project [*change in this sequence is not permitted*].
- 5) In case students (*because of any reason*) want to increase their project or internship duration, they need to take prior approval, 15 days before completion of their current(earlier) project or internship duration.
- 6) Students applying with excuse because of any reason(s) such as medical reason, personal tour etc. during internship duration will not be entertained.
- 7) Individual students can work on approved projects or a maximum of four students in a group can work on approved project work.
- 8) Interdepartmental /multidisciplinary projects are allowed. Further, students from different departments can form their project groups [*in such case Guides from both the departments will guide the project & evaluate students' performances*].
- 9) Students involved in co-curricular activities viz. BAJA / ROBOCON etc. can take up related and relevant technical tasks as their project. In such cases, to define project work content, prior approval and recommendations from authorities is required.

Decision :

- 1) The approval is granted for Credits and marks distribution for internship and project work in 7th Semester for B.Tech. students.
- 2) It is decided to review internship / project implementation. Based on stakeholders' feedback, credit distribution / duration may be revised.
- 3) The approval is granted for examination scheme for project & internship.
- 4) It is decided to define rubrics to evaluate students' performance for ISE I, II and ESE by respective programmes considering guidelines given by Academic Council members.
- 5) The approval is granted for rules / guidelines for students working during Semester -7 for their internship / project work.



Point No. 5] To present result analysis.

Discussion : Dean Examination presented result analysis for the A.Y. 2021-22.

Before Summer Examination								
	Total	CGPA 5-6	CGPA 6-7	CGPA 7-8	CGPA 8-9	CGPA 9 above	ATKT	FAIL
<b>Final Year (BATCH 2018)</b>								
Final Yr B TECH COMP	223	0	23	49	127	22	0	2
	223	0.00	10.31	21.97	56.95	9.87	0.00	0.94
Final Yr B TECH E & TC	209	0	13	62	86	15	0	32
	209	0.00	6.22	29.67	41.15	7.18	0.00	15.31
Final Yr B TECH INSTU	69	0	12	27	25	4	0	1
	69	0.00	17.39	39.13	36.23	5.80	0.00	1.45
Final Yr B TECH IT	77	0	5	15	43	8	0	6
	77	0.00	6.49	19.48	55.84	10.39	0.00	7.79
Final Yr B TECH MECH	73	0	4	30	24	2	0	13
	73	0.00	5.48	41.10	32.88	2.74	0.00	17.81
<b>TY B TECH (BATCH 2019)</b>								
TY B TECH COMP	233	0	4	34	98	43	42	12
	233	0.00	1.72	14.59	42.06	18.45	18.03	5.15
TY B TECH E & TC	232	0	3	39	86	31	67	6
	232	0.00	1.29	16.81	37.07	13.36	28.88	2.59
TY B TECH INSTU	67	0	7	17	19	3	20	1
	67	0.00	10.45	25.37	28.36	4.48	29.85	1.49
TY B TECH IT	78	0	1	8	38	16	12	3
	78	0.00	1.28	10.26	48.72	20.51	15.38	3.85
TY B TECH MECH	77	0	0	5	17	8	38	9
	77	0.00	0.00	6.49	22.08	10.39	49.35	11.69
<b>SY B TECH (BATCH 2020)</b>								
SY B TECH COMP	242	0	1	38	108	44	39	12
	242	0.00	0.41	15.70	44.63	18.18	16.12	4.96
SY B TECH E & TC	231	0	2	24	90	21	78	16
	231	0.00	0.87	10.39	38.96	9.09	33.77	6.93
SY B TECH INSTU	73	0	2	19	14	0	36	2
	73	0.00	2.74	26.03	19.18	0.00	49.32	2.74
SY B TECH IT	78	0	0	2	43	8	19	6
	78	0.00	0.00	2.56	55.13	10.26	24.36	7.69
SY B TECH MECH	76	0	0	5	17	1	41	12
	76	0.00	0.00	6.58	22.37	1.32	53.95	15.79

- Discussion :
- 1) All the members expressed the concerns about higher percentage of ATKT & fail students.
  - 2) Dr. Sunil Thakre said that Third Year ATKT students may lose placement opportunities.
  - 3) Dr. Supriya Kelkar said that due to more failures in one or two subjects, percentage of ATKT & fails has increased. Prof. Chandekar secured the opinion of Dr. Supriya Kelkar.

Discussion : 4) Dr. Madhuri Khambete said that due to Covid situation all the classes were conducted online, which has affected students' performance.  
5) Dr. Anangha Kulkarni said that some students are finding subject at SY level tough.  
Dr. Ahuja said number of courses (credits) may be reduced at S.Y. level.

Decision : It is decided to take remedial measures such as use of alternative pedagogy, student mentoring, recommending online prerequisite courses to improve results of next year.

Point No. 6] Following additional point was discussed & decision was taken in the meeting.

Point No. (i) To sanction proposed ISE evaluation scheme for courses viz. Entrepreneurship Development, Introduction to Digital Marketing.

Discussion : 1) In UG Programme Entrepreneurship Development & Digital Marketing courses are offered as Open Elective courses. Considering the contents and expected course outcome Dr. Velankar proposed to allow ISE evaluation in the form of presentations / projects etc.  
2) Committee members agreed upon the necessity of evaluation method other than conventional (Paper - Pen) method for these courses.  
3) Dr. Kalyani Joshi recommended ISE evaluation methods such as Jury evaluation, Capstone project work.  
4) Dr. Nilesh Powar approved non-conventional methods for the evaluation of such courses.  
5) Dr. Ahuja said that ESE question paper may be set in such a way that students can present concepts learned through classwork & assignments.

Decision : Permission is granted to conduct ISE examination for Entrepreneurship Development & Digital Marketing courses in the form of external jury evaluation, capstone project & written question paper.



Dr. Anand Bewoor  
Dean Academics  
Member Secretary - Academic Council  
MKSSS's Cummins College of Engineering for Women  
Karvenagar, Pune.



Dr. Madhuri Khambete  
Principal  
Chairman - Academic Council  
MKSSS's Cummins College of Engineering for Women  
Karvenagar, Pune.