

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/81/2021-22

Date : 12th July, 2021

The Online meeting of Academic Council of MKSSS's Cummins College of Engineering for Women was held on Friday, dated 9th July, 2021, at 2.00 p.m.

Following members were present for the meeting.

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|----------------------------|----------------------------|------------------------------|
| (01) Dr. Madhuri Khambete | (02) Dr. Shabbir Merchant | (03) Dr. Anurdda Ganesh |
| (04) Dr. Sachin Lodha | (05) Dr. Aditya Abhyankar | (06) Dr. Dattatray Bormane |
| (07) Dr. Kalyani Joshi | (08) Mr. A.N. Muchrikar | (09) Dr. Sunita Jahirabadkar |
| (10) Dr. Vikram Athalye | (11) Dr. Ajit Bhosale | (12) Dr. Prachi Mukherji |
| (13) Dr. Supriya Kelkar | (14) Dr. Anagha Panditrao | (15) Dr. Anagha Kulkarni |
| (16) Dr. Madhuri Purandare | (17) Dr. Anita Patil | (18) Prof. Amit Rajurkar |
| (19) Dr. Sandeep Musale | (20) Dr. Ravindra B. Ingle | (21) Dr. C. Amaranth |
| (22) Dr. Anand Bewoor | | |

Mr. Datta Kuvalekar had communicated his inability to attend the meeting.

Dr. Ravindra Ingle Dean - Academics Welcomed all the Academic Council members present for the meeting.

Dr. Madhuri Khambete congratulated Dr. Bormane on his election as a Governing Council member of IETE.

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 30th November, 2021.

Decision : Minutes of the previous Academic Council meeting held on 30th November, 2021 were confirmed.

Point No. 2] To approve Courses (All Programmes) for S.Y. B.Tech w.e.f. A.Y. 2021-22, T.Y. B.Tech. w.e.f. A.Y. 2022-23 and Final Year B.Tech. w.e.f. A.Y. 2023-24.

Discussion : 1. Dr. R.B. Ingle, Dean Academics presented salient features of the revised structure for S.Y. B.Tech, T.Y. B.Tech. and Final Year B.Tech.

2. Dr. R.B. Ingle informed that curriculum revision feedback was collected by all the departments from all stakeholders i.e. students, alumnae, parents, employers and industry experts.

3. Discussion about B.Tech (Computer engineering) Courses

- i. Dr. Kelkar presented details of proposed courses at S.Y. B.Tech, T.Y. B.Tech. and Final Year of B.Tech. (Computer Engineering) to be offered from AY 2021-22. Dr. Supriya Kelkar shared the summary of feedback collected by computer department. She said that stakeholders' and BoS members' inputs were considered while deciding courses.
- ii. Dr. Kelkar told that for all B.Tech. Programs internship or project is proposed at 7th semester. 15 credits are given for Internship / Project.
- iii. Dr. Shabbir Merchant expressed concerns about evaluation of internship. Dr. Madhuri Khambete said that the faculty will monitor students' internship engagement regularly. Also rubrics for the internship evaluation will be created and used. Dr. Marchant suggested presenting the rubrics in next AC meeting.
- iv. Dr. Lodha suggested changing the course name 'Network Information Security' to 'Information security'.
- v. Dr. Lodha suggested to review individual program elective options to ensure that students are not missing any important course

4. Discussion about B.Tech (IT) Courses

- i. Dr. Anagha Kulkarni presented stakeholders' feedback and details of proposed courses at SY, TY and final year B. Tech (IT) program.
- ii. Dr. Sachin Lodha suggested changing course name from Theory of Computer Science to Theory of Computation proposed at TY level.
- iii. Dr. Sachin Lodha asked to share the contents of the course 'Green computing'.

5. Discussion about B.Tech (E &TC) Courses

- i. Dr. Prachi Mukherjee presented stakeholders' feedback and details of proposed courses at SY, TY and final year B. Tech (E&TC) program.
- ii. Dr. Shabbir Merchant suggested to interchange "ADC" course with the course "AI & ML Fundamentals".
- iii. Dr. Kalyani Joshi suggested including more no of Electronics core courses.

- iv. Dr. Mukherji said that important core courses are included. She also said considering industry trends, courses such as AI & ML are also included.
- v. Dr Bormane appreciated the curriculum and remarked that it satisfies industry needs.

6. Discussion about B.Tech (Mechanical Engineering) Courses

- i. Dr Ajit Bhosale explained philosophy of Department for new structure & new courses. He presented proposed courses including open electives and program electives.
- ii. Dr. Anuradda Ganesh suggested including Battery and Battery Management System in "Electric Vehicle" course.
- iii. Dr. Ganesh suggested reconsideration of offering the course 'Industrial Inspection' at second year level. Dr. Bewoor told that some of the industries have suggested including this course in the curriculum and it is expected to study this course by the students before they join internships.
- iv. Dr. Kalyani Joshi suggested including study of electric vehicle subsystems in PTD of electric vehicle.

7. Discussion about B.Tech (Instrumentation and Control Engineering) Courses

Dr Anagha Panditrao presented proposed courses including open electives and program electives. She also shared feedback of stakeholders

8. Dr. Ajit Bhosale said that in the structure, four open electives are proposed. Under Open elective 'one' and 'two' students can choose any course of her interest. However under Open elective 3, interdisciplinary course should be opted, i.e. student of Mechanical engineering must opt for a course from IT/ COMP or electronics domain and vice a versa.
Members appreciated this concept.

Decisions:

1. Approval was granted to the proposed courses at SY TY and Final year including program electives and open electives with suggested changes.
2. It is decided to present course contents in the next meeting.

Point No. 3]

Approval to start Honors Degree Program

SN	Honour Degree Programme	To be offered for Discipline
1	Data Science and Machine Learning	Computer Engineering
2	Full Stack Development	Information Technology
3	(a) Data Science (b) Wireless Communication (c) VLS Technology	Electronics and Telecommunications Engineering
4	Industrial Measurement and Automation	Instrumentation & Control Engineering
5	Electric Vehicle	Mechanical Engineering

Discussion :

- i. Dr. R.B. Ingle presented proposed specializations for Honors programs. He said that these programs are proposed as per AICTE guidelines. Each honors program will be of 18-20 credits. Students are expected to register for this program at 5th semester.
- ii. Dr. Supriya Kelkar presented the proposed courses under "Data Science and Machine Learning" Honors program
- iii. Dr. Anagha Kulkarni presented the proposed courses under "Full Stack Development" Honors program
- iv. Dr. Prachi Mukherji presented the proposed courses under following honors programs
 - a. Data Science
 - b. Wireless Communication
 - c. VLSI Technology.
- v. Dr. Anagha Panditrao presented the proposed courses under "Industrial Measurement and Automation" Honors program
- vi. Dr. Ajit Bhosale presented the proposed courses under "Electric Vehicle" Honors program
- vii. Dr. Merchant suggested changing the name of course as "Advanced Digital Communication" instead of "Advances in Digital Communication" in Honors-Wireless Communication. He also suggested to change the name of "Neural Network and Deep Learning" as "Machine Learning and Deep Learning" in the Honors- Data Science
- viii. Dr. Abhyankar asked about the criteria for the admission to Honors and Minor programs. He also asked about the fee structure for these programs.
- ix. Dr. Khambete said that students having CGPA above certain threshold may get opportunity of enrollment for Honors and Minor programs. She said that additional 10% of tuition fees may be charged for honors and minor programs. She also added that decision about fees is not yet finalized by the management.

- x. Dr. Merchant suggested not charging any fees for Minor and Honors programs. He said bright student would be encouraged if fees are not charged. Dr. Khambete assured to present this opinion in the Governing Body meeting.

Decision : Specializations for Honors programs and courses under the same were approved by all the members.

Point No. 4] Approval to start Minor Degree Programmes from A.Y. 202-23,

SN	Minor Degree Programme	To be offered for
1	Engineering Management	All Discipline
2	Entrepreneurship	All Discipline
3	Information Security Management	All Discipline

- i. Dr. R.B. Ingle presented proposed specializations for Minor programs. As per AICTE guidelines, each honors program will be of 18-20. Credits. Students are expected to register for this program at 5th semester.
- ii. Dr. Anagha Kulkarni presented the proposed courses under "Information security management " minor program.
- iii. Dr. Anita Patil presented the proposed courses under "Entrepreneurship " minor program
- iv. Dr. Ajit Bhosale presented the proposed courses under "Engineering Management " Honors program
- v. Dr. Sachin Lodha suggested including technical courses in the Minor "Information Security Management". Dr. Anagha .Kulkani said that as proposed minor program is interdisciplinary and no prerequisites are expected, program focuses more on Information management than technical aspects of Information security. Dr. Lodha suggested reviewing the proposed courses under Information Security Management.
- vi. Dr. Amarnath asked whether any student can enroll for Honors as well as for Minor program. Dr. Khambete said it will be burdensome for a student to enroll for both the programs (honors and minor at the same time.)

Decision :

1. Minor degree program specializations were approved.
2. Courses under Engineering Management and Entrepreneurship were approved
3. It is decided review courses under Information Security Management

Point No. 5]

Points for Ratification:

- i. Permission to conduct special examinations for Covid-19 affected students / parents.
- ii. Approval for M.Tech. Spl: AI of E&TC Programme w.e.f. A.Y. 2020-21.
- iii. Permission to conduct F.Y. B.Tech. Semi-I and Sem-II practicals of few courses till situation becomes normal.

Discussion

Considering the urgency, details related to the above points were circulated to academic council members by email for their approval. Members had given approvals for the above points.

Decision :

The approval was granted to all Ratification points.

Point No. 6]

Any other point with the permission of Chair.
No additional point was discussed.


Dr. Ravindra Ingle
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.