

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

Faculty of Engineering - Resolution of the Academic Council - Orders issued.

ACADEMIC A SECTION

No.CUSAT/AC(A).A3/5047/2025

Dated,KOCHI-22,28.12.2025

Read:-Short Minutes of Item No. I (c) of the meeting of the Academic Council held on
29.11.2025

ORDER

The Academic Council vide item read above, considered along with the recommendations of its standing committee, the Minutes of the meeting of the Faculty of Engineering held on 13.11.2025 and resolved to approve the following:-

1. To shift the mandatory MOOC course offered in the lower semester as Professional Elective Course to Open Elective Course offered in semester VII for 2025 scheme and 2024 admission students. Section 1.12.1 of the B.Tech Regulations 2023 and 2025 Scheme is amended as follows:

Existing	Amendment
1.12.1 The curriculum for each programme consists of a minimum of four Professional Electives and two Open Electives. The student shall select atleast one Open Elective from among the courses offered in that semester by a Division/ Department other than his/her Division/Department.	1.12.1 The curriculum for each programme consists of a minimum of four Professional Electives and two Open Electives. The student shall select atleast one Open Elective course from a domain outside their parent branch of study, with prior approval from their parent Division.

2. Also resolved that the above modifications is applicable to 2023 admissions students as follows:

- i. B.Tech Programme in Mechanical Engineering shall follow the existing 2023 modified scheme where the VII semester Open Elective is marked as the mandatory MOOC.

- ii.

- a. B.Tech Programme in Electrical and Electronics Engineering shall shift the mandatory MOOC course from VI semester (currently offered as Professional Elective II) to Open Elective I under semester VII in the B.Tech 2023 revised Curriculum.

- b. To remove the additional interdisciplinary courses 'Microsensors and Nanosensors' and

'Foundations of Virtual Reality' listed under Professional Elective II.

iii. B.Tech Programme in Computer Science shall shift the Professional Elective Courses offered as MOOC in the VI semester to VII semester in the 2023 revised Scheme. 2023 admission students shall credit this Professional Elective Course as their mandatory MOOC in the VII semester.

iv. B.Tech Programme in Safety & Fire Engineering, Electronics & Communication Engineering, Information Technology and Civil Engineering divisions shall shift the Professional Elective Courses marked as MOOC in the V semester to VII semester in the 2023 revised Scheme. 2023 admission students shall take this Professional Elective Course as their mandatory MOOC.

The 2023 admission students of Safety & Fire Engineering, Electronics & Communication Engineering, Information Technology and Civil Engineering who had already registered for the MOOC marked in V semester Professional Elective in the University Examination Portal, shall be allowed to cancel the existing registration and to re-register for the course in the VII semester.

The above changes shall be incorporated in the B.Tech 2023 revised Scheme and Syllabus **(Appendix-I)**.

3. The following amendments to Section 1.13.15 of the B.Tech 2023 and 2025 Regulations of the Minor Programme:

- i. Students who enrol for Minor Programme have to do the course registration and examination registration of the class room learning courses and the mini project in the same semester in which they are offered and earn the credit in the same semester itself.
- ii. The students may complete the MOOCs and submit credits earned for the MOOCs of Minor Programme during the 7th semester B.Tech examination registration as a regular candidate.
- iii. If a student could not earn the required credit for the award of Minor at the time of the student's 7th semester B.Tech examination registration as a regular candidate, such student shall not be eligible for the award of the B.Tech Minor. However, the additional credits and grades thus far earned by the student shall be included in the grade card.
- iv. Also resolved that one supplementary examination chance shall be allowed (during the entire Minor Programme) for any one of the theory courses offered by the concerned division in the immediate supplementary examination for the 2025 scheme students.

The amended Regulation is appended **(Appendix II)**

4. To assign a course code XX-XXX-0700 for the VII semester Open Elective graded as MOOC for all divisions. The changes shall be incorporated in the Scheme and Syllabus of 2023 revised Scheme and 2025 Scheme.

5. To amend the M.Tech Scheme and Syllabus of divisions offering M.Tech programmes to accommodate the change in Subject Codes from 2025 admission onwards.

6. To amend the M.Tech Scheme and Syllabus of divisions offering M.Tech programmes to accommodate mandatory MOOC in the electives from 2023 admission onwards. These changes shall be incorporated in the Scheme and Syllabus.

7. Civil Engineering:

i. The change in the teaching hour allotment of the 23-201-0306 Building Technology and Functional Planning from

Lecture: 3 hours/week and Tutorial: 1 hour/week

to

Lecture: 1 hour/week and Tutorial: 3 hours/week.

These changes shall be incorporated in the 2025 Scheme and Syllabus.

ii. To change the nomenclature of the Programme as 'M.Tech in Construction Engineering and Management' and to continue the mode of conduct of the Programme as Part-Time.

8. Information Technology:

i. The Scheme and Syllabus of the new B.Tech programme in Artificial Intelligence and Data Science to be offered from the Academic Year 2026 under the division of IT. **(Appendix III)**

ii. The Minor Programme course 25-204-0717 Mini Project: Cloud Computing Project for Big Data Analytics in semester VII shall be moved to semester VI and re-designated as 25-204-0613 Mini Project: Cloud Computing Project for Big Data Analytics.

iii. In the M.Tech Information Technology Programme, from the 2025 admission onwards, the elective 25-507-0203 Cloud Computing and Big Data Analytics shall be re-designated as a Core Course and the Core Course 25-507-0209 Block Chain Technology shall be re-designated as an elective in Semester II.

The revised Scheme and Syllabus are appended (B.Tech - **Appendix IV**, M.Tech-**Appendix V**).

Dr. Arun A U *

Registrar

To:

1. The Dean, Faculty of Engineering
2. The Chairmen, BoS under Faculty of Engineering
3. The Principal- SOE/CUCEK
4. The Director, KMSME
5. Heads of Divisions of CUCEK/SOE

6. All ARs/DRs Examination wing - with a request to forward to sections concerned
7. Director-IQAC/DOA
8. CIRM . Webmaster/ Conference Sections
9. PS to VC/PVC;PA to Registrar/CE.

* This is a computer generated document. Hence no signature is required.