



Sri Eshwar
College of Engineering
Coimbatore | Tamilnadu
An Autonomous Institution
Affiliated to Anna University, Chennai



Kondampatti (Post), Coimbatore – 641 202
(<https://sece.ac.in>)

The Minutes of the Seventh Meeting of the Academic Council Meeting

Minutes of the seventh meeting of the academic council of Sri Eshwar College of Engineering, Coimbatore held on 14.10.2024 at 11.30 a.m. in the SECE Board Room under the chairmanship of Dr. Sudha Mohanram, Principal, Sri Eshwar College of Engineering.

Members Present:

Name	Designation	Address
Dr. Sudha Mohanram	Chairperson	Principal Sri Eshwar College of Engineering, Kondampatti (P.O.), Coimbatore - 641202
Dr. G. Madhan Mohan	University Nominee	Professor, Dept. of Production Engineering, PSG College of Technology, Coimbatore - 641004
Dr. M. Palaninatharaja	University Nominee	The Director Thiagarajar College of Engineering, Madurai - 625015
Dr. S. Shanmugam	University Nominee	Dean-Student Affairs, Coimbatore Institute of Technology, Coimbatore - 641014
Dr. Manikandan Narayanan	Expert-Academics	Associate Professor, Department of Computer Science and Engineering, Indian Institute of Technology Madras
Dr. G. Chandramohan	Expert-Academics	Director – Examinations, PSG Institutions, Coimbatore - 641004
Mr. N. Umashankar	Expert-Industry	The Chief Technology Officer, 1Cloud Hub, Chennai
Ms. B. Nithya	Expert-Law	Advocate, Pollachi
Dr. R. K. Suresh	Member Secretary	Dean-Academics
Mr. Kannan Narasimhan	Member	Director-Industry & International Relations
Dr. M. Lakshmanan	Member	Dean – IQAC
Dr. R. Subha	Member	HOD, Department of CSE
Dr. N. Shanmugasundaram	Member	HOD, Department of ECE
Dr. W. Rajan Babu	Member	HOD, Department of EEE
Dr. R. Suresh Kumar	Member	HOD, Department of Mechanical Engineering
Dr. S. Vimal	Member	HOD, Department of AI-DS
Dr. P. John Augustine	Member	HOD, Department of IT
Dr. P.L. Raja Rajeswari	Member	HOD, Department of CSBS
Dr. S. Sumathi	Member	HOD, Department of CSE (AI & ML)
Dr. S. Siamala Devi	Member	HOD, Department of CSE (Cyber Security)
Dr. R. Suresh	Member	HOD, Department of S&H & COE

Special Invitee:

Name	Address
Dr. R. Damodharan	Assistant Professor, Department of CCE, Sri Eshwar College of Engineering, Coimbatore-641202

Members Absent:

The following member has conveyed his inability to attend the meeting due to his pre-occupation

Name	Designation	Address
1	Dr C. Vivek	HOD, Department of CCE, Coimbatore-641202

Minutes

The meeting commenced with the Dean-Academics delivering the welcome address and formally calling the meeting to order. The Dean extended a warm welcome to all members of the Academic Council and provided a brief overview of the agenda items to be discussed during the meeting.

Following the welcome address, the Dean invited the Chairperson, Dr. Sudha Mohanram, to deliver a special address highlighting the institution's progress since the last meeting. In her address, the Chairperson welcomed the committee members and underscored key points to be discussed in the meeting.

She emphasised the main objective of revising the curriculum and syllabus, which is to bridge the gap between academia and industry. The goal is to equip students with the necessary knowledge to assume challenging roles in the industry, as well as to prepare them for higher studies and research. Dr. Mohanram presented details on the project-based curriculum designed through revisions to the existing curriculum. She stressed the importance of ensuring that the curriculum is interdisciplinary, ultimately enhancing students' employability.

The Chairperson sought valuable suggestions from the council members to help achieve the institution's goals.

Following the Chairperson's address, the Dean-Academics proceeded to present the agenda items on behalf of the Chairperson.

ITEMS MOVED BY THE DEAN (ACADEMICS) ON BEHALF OF THE CHAIRPERSON

7.1: To confirm the minutes of the 6th Academic Council meeting held on 01 August 2023.

The Academic Council noted that the minutes of the 6th Meeting of the Academic Council held on 01.08.2023 had been circulated among the members. A copy of the minutes was provided in Annexure I during the 7th ACM. As no comments were received, the Academic Council confirmed the minutes.

The minutes of the 6th Meeting of the Academic Council is given in Annexure - I

7.2 To review the Action Taken Report (ATR) on the minutes of the 6th Meeting of the Academic Council held on 01.08.2023.

The 7th Academic Council noted the Action Taken Report (ATR) provided in Annexure II and as presented by the Dean (Academics) for consideration. After reviewing the ATR, the council RESOLVED to ratify and approve the actions taken on the suggestions made by the members during the 6th Meeting of the Academic Council held on 01.08.2023.

The Action Taken Report (ATR) is given in Annexure – II

- 7.3 (i) To consider the increase in intake for the following program from the AY 2024-2025:

Name of the Program	Intake Revision (Admission)
B.Tech. (Artificial Intelligence and Data Science)	From 150 during 2023-3034 to 240 during 2024-2025
B.E. (Computer Science and Engineering)	From 180 during 2023-3034 to 240 during 2024-2025
B.E. (Computer Science and Engineering – Specialization in Artificial Intelligence and Machine Learning)	From 60 during 2023-3034 to 120 during 2024-2025

- (ii) To consider the introduction of a new programme: B.E. (Computer Science and Engineering – Specialization in Cyber Security) with an intake of 60 from the AY 2024-2025.

RESOLVED to ratify and approve the increase in intake for existing programs and the introduction of the new program.

Details are given in Annexure III

ITEMS RELATED TO THE DEPARTMENT OF MECHANICAL ENGINEERING

7.4 To consider and approve the recommendations of the Board of Studies of Mechanical Engineering.

- 7.4.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B.E. (Mechanical Engineering) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and detailed syllabus of the courses for Semesters III and IV of the B.E. (Mechanical Engineering) program under the SECE UG Autonomous Regulation 2023 as presented in the Academic Council.

- 7.4.2 To consider and approve the list of Professional Elective (PE) Courses for B.E. (Mechanical Engineering) under the SECE UG Autonomous Regulation 2023, as per the general guidelines of Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (Mechanical Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.4.3 To consider and approve the list of Open Elective (OE) Courses designed by the Department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B.E. (Mechanical Engineering) students under the SECE UG Autonomous Regulation 2023, as per Anna University guidelines.

Resolved to approve the list of Open Elective (OE) Courses and Industry Oriented Courses (IOC) for B.E. (Mechanical Engineering) students under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.4.4 To consider and approve the detailed syllabi for semesters V and VI of the B.E. (Mechanical Engineering) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B.E. (Mechanical Engineering) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

- 7.4.5 To consider and approve the detailed syllabi for semesters III and IV for the M.E. (Engineering Design) program under SECE PG Autonomous Regulation 2023.

Resolved to approve the detailed syllabus of the courses for Semesters III and IV of the M.E. (Engineering Design) program as per the curriculum under the SECE PG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.4.6 To consider and approve the list of Open Elective (OE) Courses designed by the Department and the list of OE Courses chosen from PG programs in other disciplines for ME (Engineering Design) students, under SECE PG Autonomous Regulation 2023, as per the general guidelines given by Anna University.

Resolved to approve the list of Open Elective (OE) for M.E. (Engineering Design) students, under the SECE PG Autonomous Regulation 2023, as presented in the Academic Council.

Details are given in Annexure IV

ITEMS RELATED TO THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

- 7.5 To consider and approve the recommendations of the Board of Studies of Electrical and Electronics Engineering.**

- 7.5.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B.E. (Electrical and Electronics Engineering) program, under SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B.E. (Electrical and Electronics Engineering) program under the SECE UG Autonomous Regulation 2023 as presented in the Academic Council.

- 7.5.2 To consider and approve the list of Professional Elective (PE) Courses for B.E. (Electrical and Electronics Engineering) under SECE UG Autonomous Regulation 2023, as per the general guidelines given by Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (Electrical and Electronics Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.5.3 To consider and approve the list of Open Elective (OE) Courses designed by the Department, the list of OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B.E. (Electrical and Electronics Engineering) students under SECE UG Autonomous Regulation 2023, as per the general guidelines given by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for the B.E. (Electrical and Electronics Engineering)

program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.5.4 To consider and approve the detailed syllabi for semesters V and VI of the B.E. (Electrical and Electronics Engineering) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B.E. (Electrical and Electronics Engineering) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

Details are given in Annexure V

ITEMS RELATED TO THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- 7.6 To consider and approve the recommendations of the Board of Studies of Electronics and Communication Engineering.**

- 7.6.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B.E. (Electronics and Communication Engineering) program, under SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B.E. (Electronics and Communication Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.6.2 To consider and approve the list of Professional Elective (PE) Courses for B.E. (Electronics and Communication Engineering) under SECE UG Autonomous Regulation 2023, as per the general guidelines given by Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (Electronics and Communication Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.6.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the list of OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B.E. (Electronics and Communication Engineering) students under SECE UG Autonomous Regulation 2023, as per the general guidelines given by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for the B.E. (Electronics and Communication Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.6.4 To consider and approve the detailed syllabi for semesters V to VIII of the B.E. (Electronics and Communication Engineering) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V to VIII of the B.E. (Electronics and Communication Engineering) program as per the

curriculum under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

- 7.6.5 To consider and approve the revised curriculum and its detailed syllabi for semesters III and IV for the M.E. (VLSI Design) program under SECE PG Autonomous Regulation 2023.

Resolved to approve the revised curriculum and its detailed syllabus of the courses for Semesters III and IV of the M.E. (VLSI Design) program under the SECE PG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.6.6 To consider and approve the list of Open Elective (OE) Courses designed by the department and the list of OE Courses chosen from PG programs in other disciplines for ME (VLSI Design) students, under SECE PG Autonomous Regulation 2023, as per the general guidelines given by Anna University.

Resolved to approve the list of Open Elective (OE) Courses for M.E. (VLSI Design) students, under the SECE PG Autonomous Regulation 2023, as presented in the Academic Council.

Details are given in Annexure VI

ITEMS RELATED TO THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- 7.7 To consider and approve the recommendations of the Board of Studies of Computer Science and Engineering.**

- 7.7.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B.E. (Computer Science and Engineering) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B.E. (Computer Science and Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.7.2 To consider and approve the list of Professional Elective (PE) Courses for B.E. (Computer Science and Engineering) under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (Computer Science and Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.7.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B.E. (Computer Science and Engineering) students under the SECE UG Autonomous Regulation 2023, as per Anna University guidelines.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for B.E. (Computer Science and Engineering) students under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.7.4 To consider and approve the detailed syllabi for semesters V and VI of the B.E.

(Computer Science and Engineering) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B.E. (Computer Science and Engineering) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

- 7.7.5 To consider and approve the detailed syllabi of the courses for semesters III and IV for the M.E (Computer Science and Engineering) program under SECE PG Autonomous Regulation 2023.

Resolved to approve the detailed syllabus of the courses for Semesters III and IV of the M.E. (Computer Science and Engineering) program under the SECE PG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.7.6 To consider and approve the list of Open Elective (OE) Courses designed by the department and the list of OE Courses chosen from PG programs in other disciplines for M.E. (Computer Science and Engineering) students, under SECE PG Autonomous Regulation 2023, as per the general guidelines given by Anna University

Resolved to approve the list of Open Elective (OE) Courses for M.E. (Computer Science and Engineering) students, under the SECE PG Autonomous Regulation 2023, as presented in the Academic Council.

Details are given in Annexure VII

ITEMS RELATED TO THE DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

- 7.8 To consider and approve the recommendations of the Board of Studies of Computer and Communication Engineering.**

- 7.8.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B.E. (Computer and Communication Engineering) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B.E. (Computer and Communication Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.8.2 To consider and approve the list of Professional Elective (PE) Courses for B.E. (Computer and Communication Engineering) under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (Computer and Communication Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.8.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B.E. (Computer and Communication Engineering) students under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for B.E. (Computer and Communication Engineering) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.8.4 To consider and approve the detailed syllabi for semesters V and VI of the B.E (Computer and Communication Engineering) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B.E. (Computer and Communication Engineering) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

Details are given in Annexure VIII

ITEMS RELATED TO THE DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

- 7.9 To consider and approve the recommendations of the Board of Studies of Computer Science and Business Systems.**

- 7.9.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B. Tech. (Computer Science and Business Systems) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B. Tech. (Computer Science and Business Systems) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.9.2 To consider and approve the list of Professional Elective (PE) Courses for B. Tech. (Computer Science and Business Systems) under the SECE UG Autonomous Regulation 2023, as per the general guidelines of Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B. Tech. (Computer Science and Business Systems) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.9.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B. Tech. (Computer Science and Business Systems) students under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for B. Tech. (Computer Science and Business Systems) students under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.9.4 To consider and approve the detailed syllabi for semesters V and VI of the B. Tech. (Computer Science and Business Systems) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B. Tech. (Computer Science and Business Systems) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

Details are given in Annexure IX

ITEMS RELATED TO THE DEPARTMENT OF INFORMATION TECHNOLOGY

7.10 To consider and approve the recommendations of the Board of Studies of Information Technology.

- 7.10.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B. Tech. (Information Technology) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B. Tech. (Information Technology) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.10.2 To consider and approve the list of Professional Elective (PE) Courses for B. Tech. (Information Technology) program under the SECE UG Autonomous Regulation 2023, as per the general guidelines of Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B. Tech. (Information Technology) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.10.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B. Tech. (Information Technology) students under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for B. Tech. (Information Technology) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.10.4 To consider and approve the detailed syllabi for semesters V and VI of the B. Tech. (Information Technology) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B. Tech. (Information Technology) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

Details are given in Annexure X

ITEMS RELATED TO THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

7.11 To consider and approve the recommendations of the Board of Studies of Artificial Intelligence and Data Science.

- 7.11.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B. Tech. (Artificial Intelligence and Data Science) program, under the SECE UG Autonomous Regulation 2023 for the students

admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B. Tech. (Artificial Intelligence and Data Science) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.11.2 To consider and approve the list of Professional Elective (PE) Courses for B. Tech. (Artificial Intelligence and Data Science) program under the SECE UG Autonomous Regulation 2023, as per the general guidelines of Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B. Tech. (Artificial Intelligence and Data Science) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.11.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B. Tech. (Artificial Intelligence and Data Science) students under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for B. Tech. (Artificial Intelligence and Data Science) students under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.11.4 To consider and approve the detailed syllabi for semesters V and VI of the B. Tech. (Artificial Intelligence and Data Science) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B. Tech. (Artificial Intelligence and Data Science) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

Details are given in Annexure XI

ITEMS RELATED TO THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

- 7.12 To consider and approve the recommendations of the Board of Studies of Artificial Intelligence and Machine Learning.**

- 7.12.1 To consider and approve the revised curriculum and the detailed syllabi for Semesters III and IV of the B. E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2023-2024.

Resolved to approve the revised curriculum and the detailed syllabus of the courses for Semesters III and IV of the B.E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.12.2 To consider and approve the list of Professional Elective (PE) Courses for B. E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program

under the SECE UG Autonomous Regulation 2023, as per the general guidelines of Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.12.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B. E. (CSE – Specialization in Artificial Intelligence and Machine Learning) students under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for the B.E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.12.4 To consider and approve the detailed syllabi for semesters V and VI of the B. E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the detailed syllabus of the courses for Semesters V and VI of the B.E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

- 7.12.5 To consider and approve the list of Professional Elective (PE) Courses and detailed syllabi for B. E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the list of Professional Elective (PE) Courses and the detailed syllabus of the courses for the B.E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

- 7.12.6 To consider and approve the list of Open Elective (OE) Courses designed by the department and the OE Courses chosen from other disciplines for B. E. (CSE – Specialization in Artificial Intelligence and Machine Learning) students under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for the students admitted in the year 2022-2023.

Resolved to approve the list of Open Elective (OE) Courses for B.E. (CSE – Specialization in Artificial Intelligence and Machine Learning) program under the SECE UG Autonomous Regulation 2019 curriculum (Revised) for students admitted in the year 2022-2023, as presented in the Academic Council.

Details are given in Annexure XII

ITEMS RELATED TO THE DEPARTMENT OF CYBER SECURITY

- 7.13 To consider and approve the recommendations of the Board of Studies of Cyber Security.**

- 7.13.1 To consider and approve the curriculum and the detailed syllabi for the courses

offered in Semesters I and II B.E. (Computer Science and Engineering – Specialization in Cyber Security) program, under the SECE UG Autonomous Regulation 2023 for the students admitted from the AY 2024-2025.

Resolved to approve the curriculum and the detailed syllabus of the courses for Semesters I and II of the B.E. (Computer Science and Engineering – Specialization in Cyber Security) program under the SECE UG Autonomous Regulation 2023 for students admitted from the Academic Year 2024-2025, as presented in the Academic Council.

- 7.13.2 To consider and approve the list of Professional Elective (PE) Courses for B.E. (CSE – Specialization in Cyber Security) program under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Professional Elective (PE) Courses for the B.E. (CSE – Specialization in Cyber Security) program under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

- 7.13.3 To consider and approve the list of Open Elective (OE) Courses designed by the department, the OE Courses chosen from other disciplines and the list of Industry Oriented Courses (IOC) for B.E. (CSE – Specialization in Cyber Security) students under the SECE UG Autonomous Regulation 2023, as per the general guidelines provided by Anna University.

Resolved to approve the list of Open Elective (OE) Courses and the list of Industry Oriented Courses (IOC) for B.E. (CSE – Specialization in Cyber Security) students under the SECE UG Autonomous Regulation 2023, as presented in the Academic Council.

Details are given in Annexure XIII

ITEMS RELATED TO THE DEPARTMENT OF SCIENCE AND HUMANITIES

- 7.14 To consider and approve the recommendations of the Board of Studies of Science and Humanities.**

- 7.14.1 To consider and approve the changes made in the syllabus of courses for semesters I and II, as recommended by the Science and Humanities (S&H) Board of Studies (BOS), under the SECE UG Autonomous Regulation 2023, applicable to students admitted from the academic year 2024-25 in all B.E./B.Tech programs.

Resolved to approve the changes made in the syllabus of courses for Semesters I and II, as recommended by the Science and Humanities (S&H) Board of Studies (BOS), under the SECE UG Autonomous Regulation 2023, applicable to students admitted from the Academic Year 2024-25 in all B.E./B.Tech programs, as presented in the Academic Council.

- 7.14.2 To consider and approve the detailed syllabi for various courses offered by the Science and Humanities (S&H) Department in semesters III and IV, as recommended by the S&H Board of Studies (BOS), for all undergraduate programs under the SECE UG Autonomous Regulation 2023, applicable to students admitted from the academic year 2023-24.

Resolved to approve the detailed syllabus of courses for various courses offered by the Science and Humanities (S&H) Department in Semesters III and IV, as recommended by the S&H Board of Studies (BOS), for all undergraduate programs

under the SECE UG Autonomous Regulation 2023, applicable to students admitted from the Academic Year 2023-24, as presented in the Academic Council.

Details are given in Annexure XIV

7.15 To consider and amend the UG Autonomous Regulation R2023 for the UG programs listed below, applicable to students admitted from the Academic Year 2023-24.

1. B.E. Mechanical Engineering
2. B.E. Electronics and Communication Engineering
3. B.E. Electrical and Electronics Engineering
4. B.E. Computer Science and Engineering
5. B.E. Computer and Communication Engineering
6. B.Tech. Computer Science and Business System
7. B.Tech. Information Technology
8. B.Tech. Artificial Intelligence and Data Science
9. B.E. Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning (AIML)
10. B.E. Computer Science and Engineering with Specialization in Cyber Security

Resolved to ratify and implement the changes to amend the UG Autonomous Regulation R2023 for the B.E./B.Tech undergraduate programs from the Odd Semester of the AY 2024-2025, as presented in the Academic Council.

Details are given in Annexure XV

7.16 To consider the list of approved online courses for credit transfer, credit transfer with student details, fast track courses offered and committee report of Examination grievances.

Resolved to approve the list of approved online courses for credit transfer, the details of credit transfer with student information, the fast track courses offered, and the committee report on examination grievances, as presented in the Academic Council.

Details are given in Annexure XVI

7.17 To consider MoU signed by the Institution during the AY 2023-2024.

Resolved to approve the Memorandum of Understanding (MoU) signed by the Institution during the Academic Year 2023-2024, as presented in the Academic Council.

Details are given in Annexure XVII

7.18 To consider and approve the establishment of collaborative/twinning mode programs with recognized foreign and Indian HEIs, industries, and research organizations, allowing up to 40% of total credits to be earned at partner institutions in accordance with AICTE norms (2024-27), enhancing the curriculum and improving student employability through access to innovative, industry-relevant content.

Resolved to approve introducing the collaborative/twinning mode programs with recognized foreign and Indian higher education institutions, industries, and research organizations, allowing up to 40% of total credits to be earned at partner

institutions in accordance with AICTE norms (2024-27), as presented in the Academic Council.

Details are given in Annexure XVIII

7.19 To consider the various initiatives towards implementing NEP 2020 Guidelines.

- 7.19.4 To consider the list of Multidisciplinary Courses of all UG Programs and PG programs under Regulations 2023.

Resolved to approve the list of Multidisciplinary Courses for all UG and PG programs under Regulations 2023, as presented in the Academic Council.

- 7.19.2 To consider the list of courses focusing on Employability/ Entrepreneurship/ Skill development/ Value-added Courses of all UG and PG programs under Regulations 2023.

Resolved to approve the list of courses focusing on Employability, Entrepreneurship, Skill Development, and Value-Added Courses for all UG and PG programs under Regulations 2023, as presented in the Academic Council.

- 7.19.3 To consider the list of courses focusing on Ethics/ Gender/ Human Values/ Environment and Sustainability of all UG and PG Programs under Regulations 2023.

Resolved to approve the list of courses focusing on Ethics, Gender, Human Values, and Environment and Sustainability for all UG and PG programs under Regulations 2023, as presented in the Academic Council.

- 7.19.4 List of Project-based Courses and Theory Integrated with Lab Courses for Experiential Learning.

Resolved to approve the list of Project-Based Courses, which include theory, practical, and project components, as well as Theory Integrated with Lab Courses for Experiential Learning, as presented in the Academic Council.

Details are given in Annexure XIX

7.20 During the Academic Council Meeting, the members had suggested the following points:

- Suggested including self-learning courses to encourage students to develop independent learning skills and enhance their ability to learn autonomously.
- Suggested making two summer internships for students during the four-year program of study, with an option to allocate up to two or three credits for these internships to promote experiential learning.
- Suggested dedicating the 8th semester of the AI/ML programme solely to project work, allowing students ample time to complete their final year projects effectively.
- Suggested adding 'P' (Practical) and 'J' (Project) components to Professional Elective courses to ensure students gain hands-on experience and practical exposure through studying elective courses.
- Suggested scheduling Honours programme courses during non-core hours, weekends, or in dedicated slots.
- Suggested avoiding the use of commercial brand names in course titles and adopting generic names, such as replacing "Red Hat Certification" with "Linux System Administration," to maintain neutrality and academic integrity.

- Suggested revising the LTPJC structure of Engineering Graphics to 1-0-4-0-3 to better align with the required learning outcomes.
- Suggested introducing an AI/ML foundation courses offered to core engineering programs with at least three modules common across all core engineering programmes to provide a unified understanding of emerging technologies.
- Suggested adding an additional course on Machine Design in the BE (Mechanical Engineering) programme to enhance the curriculum.
- Suggested involving co-guides for Innovative/Multidisciplinary projects and evaluating them with a focus on practical implementation and real-world problem-solving.
- Suggested updating the textbooks and reference books for various courses to the latest editions (2020 onwards) to reflect current trends and advancements in the field.

Prepared by

Dr R K Suresh
Dean (Academics)



Approved by

Dr Sudhar Mohanram
Chairman
Academic Council

18-10-2024