Sri Eshwar
College of Engineering
An Autonomous Institution
Affiliated to Anna University, Chennai
COIMBATORE - 641202

Minutes of the Sixth Meeting of Academic Council

The Sixth meeting of the Academic Council was held on 01 August 2023 Tuesday at 11AM in Hybrid Mode (SECE Board Room & Google Meet) under the Chairmanship of Dr. Sudha Mohanram, Principal. The following members were present.

S. No.	Name of the Member, Designation and Address	Role in AC
1	Dr. Sudha Mohanram Principal Sri Eshwar College of Engineering, Kondampatti (P.O.), Coimbatore - 641202.	Chairman
2	Dr. K.Prakasan Professor & Principal PSG College of Technology Coimbatore-641004	University Nominee
3	Dr. M. Palaninatharaja Principal i/c Thiagarajar College of Engineering Madurai-625015	University Nominee
4	Dr. S. Shanmugam Dean-Student Affairs Estate Maintenance & Alumni Association Activities Coimbatore Institute of Technology, Coimbatore-641014	University Nominee
5	Dr. S. Swaminathan Professor, Department of Information Technology, Anna University, Chennai-25	Expert-Academics
6	Dr. G. Chandramohan Vice Principal PSG Institute of Technology and Applied Research Coimbatore - 641 062.	Expert-Academics
7	Mr. N. Umashankar Chief Technology Officer 1Cloud Hub Chennai	Expert- Industry
8	Dr. S. Nirmala Dean-Academics	Member Secretary

S. No.	Name of the Member, Designation and Address	Role in AC
9	Dr. G. Karuppusami Dean-Research & Innovation	Member
10	Mr. Kannan Narasimhan Director-IT	Member
11	Dr. M. Lakshmanan Dean - IQAC	Member
12	Dr. R. Subha HOD/CSE	Member
13	Dr. N. Shanmugasundaram HOD/ECE	Member
14	Dr. W. Rajan Babu HOD/EEE	Member
15	Dr. R. Suresh Kumar HOD/Mechanical	Member
16	Dr. S. Sumathi HOD/AI-DS	Member
17	Dr. C. Vivek HOD/CCE	Member
18	Dr. P. John Augustine HOD/IT	Member
19	Dr. PL. Raja Rajeswari HOD/CSBS	Member
20	Dr. R. Maheswari HOD/Maths	Member
21	Dr. B. Sugumaran Deputy COE	Member

The following members had expressed their inability to attend the meeting due to their pre-occupation.

1.	Dr. M. Bhuvaneswaran	Advocate & Labour Law Expert India Tower-Second Floor, Coimbatore-641018
2.	Dr. R. Suresh	HOD / S&H & COE, SECE

The agenda for the meeting:

- Discussion of curriculum of UG & PG programmes under Regulation 2023 and Approval for minutes of Board of Studies for the academic year 2023 – 2024.
- Discussion of Syllabi of UG & PG programmes for 1st and 2nd semesters under Regulation 2023 and Approval for minutes of Board of Studies for the academic year 2023 – 2024.
- Discussion on the percentage of courses having focus on Employability/ Entrepreneurship/ Skill development and value added courses offered to the students.
- Discussion on the list of courses having focus on Ethics/ Gender/ Human Values/ Environment and Sustainability
- Discussion and Approval on Assessment of Internal Marks / Examination Pattern / Evaluation Procedure under Regulation 2023.
- Discussion of revised curriculum of UG & PG programmes under Regulation 2019 and Approval for minutes of Board of Studies for the academic year 2023 – 2024.
- Discussion of syllabi of revised curriculum of UG & PG programmes for 3rd and 4th semesters under Regulation 2019 and Approval for minutes of Board of Studies for the academic year 2023 – 2024.
- Discussion and Approval for Syllabi of Elective Courses suggested by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree in all Under Graduate Engineering Programmes.
- Discussion on the approval of revision of intake for B.E. Mechanical Engineering and B.Tech. Artificial Intelligence and Data Science
- To discuss any other matter pertaining to the academic activities of the college.

6.1. To confirm the minutes of the 5th meeting of the Academic Council held on 30th November 2022.

Resolved to confirm the minutes of the 5th meeting of the Academic Council held on 30th November 2022 as there were no comments on the minutes.

6.2. To review the action taken on the Minutes of the 5th meeting of the Academic Council held on 30th November 2022.

The Chairman presented the actions taken on the suggestions made during the 5th Meeting of the Academic Council. The Council resolved to ratify the actions taken as presented.

6.3. To consider the list of courses having focus on Employability/ Entrepreneurship/ Skill development and value added courses of all the UG departments.

Resolved to approve the list of courses having focus on Employability/ Entrepreneurship/ Skill development and value added courses of all the UG departments.

6.4. To consider the list of courses having focus on Ethics/ Gender/ Human Values/ Environment and Sustainability of all the UG departments.

Resolved to approve the list of courses having focus on Ethics/ Gender/ Human Values/ Environment and Sustainability of all the UG departments.

6.5. To consider the implementation of new regulations R2023 for the students who are admitted from the academic year 2023-24 onwards as given in Annexure-I.

Resolved to approve the new regulations R2023 for the students who are admitted from the academic year 2023-24 onwards as presented in the Academic Council.

6.6. To consider the recommendations of the Board of Studies of Mechanical Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.E. (Mechanical Engineering) Degree Programme as given in Annexure-II.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.E. (Mechanical Engineering) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.7. To consider the recommendations of the Board of Studies of Mechanical Engineering to revise the curriculum and syllabi of third and fourth semesters for B.E. (Mechanical Engineering) Degree Programme under R2019 as given in Annexure–III.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.E. (Mechanical Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.8. To consider the recommendations of the Board of Studies of Mechanical Engineering for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Mechanical Engineering) Degree Programme under R2019 as given in Annexure–IV.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Mechanical Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.9. To consider the recommendations of the Board of Studies of Mechanical Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester M.E. (Engineering Design) Degree Programme as given in Annexure-V.

Resolved to approve the curriculum and detailed syllabus for the first and second

semester M.E. (Engineering Design) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.10. To consider the recommendations of the Board of Studies of Electrical and Electronics Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.E. (Electrical and Electronics Engineering) Degree Programme as given in Annexure-VI.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.E. (Electrical and Electronics Engineering) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.11. To consider the recommendations of the Board of Studies of Electrical and Electronics Engineering to revise the curriculum and syllabi of third and fourth semesters for B.E. (Electrical and Electronics Engineering) Degree Programme under R2019 as given in Annexure–VII.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.E. (Electrical and Electronics Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.12. To consider the recommendations of the Board of Studies of Electrical and Electronics Engineering for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Electrical and Electronics Engineering) Degree Programme under R2019 as given in Annexure–VIII.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Electrical and Electronics Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.13. To consider the recommendations of the Board of Studies of Electronics and Communication Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.E. (Electronics and Communication Engineering) Degree Programme as given in Annexure-IX.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.E. (Electronics and Communication Engineering) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.14. To consider the recommendations of the Board of Studies of Electronics and Communication Engineering to revise the curriculum and syllabi of third and fourth semesters for B.E. (Electronics and Communication Engineering) Degree Programme under R2019 as given in Annexure–X.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.E. (Electronics and Communication Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.15. To consider the recommendations of the Board of Studies of Electronics and Communication Engineering for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Electronics and Communication Engineering) Degree Programme under R2019 as given in Annexure–XI.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Electronics and Communication Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.16. To consider the recommendations of the Board of Studies of Electronics and Communication Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester M.E. (VLSI Design) Degree Programme as given in Annexure-XII.

Resolved to approve the curriculum and detailed syllabus for the first and second semester M.E. (VLSI Design) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.17. To consider the recommendations of the Board of Studies of Computer Science and Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.E. (Computer Science and Engineering) Degree Programme as given in Annexure-XIII.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.E. (Computer Science and Engineering) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.18.   To consider the recommendations of the Board of Studies of Computer Science and Engineering to revise the curriculum and syllabi of third and fourth semesters for B.E. (Computer Science and Engineering) Degree Programme under R2019 as given in Annexure–XIV.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.E. (Computer Science and Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.19.   To consider the recommendations of the Board of Studies of Computer Science and Engineering for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Computer Science and Engineering) Degree Programme under R2019 as given in Annexure–XV.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Computer Science and Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.20.   To consider the recommendations of the Board of Studies of Computer Science and Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester M.E. (Computer Science and Engineering) Degree Programme as given in Annexure-XVI.

Resolved to approve the curriculum and detailed syllabus for the first and second semester M.E. Computer Science and Engineering) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.21.   To consider the recommendations of the Board of Studies of Computer and Communication Engineering to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.E. (Computer and Communication Engineering) Degree Programme as given in Annexure-XVII.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.E. (Computer and Communication Engineering) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.22.   To consider the recommendations of the Board of Studies of Computer and

Communication Engineering to revise the curriculum and syllabi of third and fourth semesters for B.E. (Computer and Communication Engineering) Degree Programme under R2019 as given in Annexure–XVIII.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.E. (Computer and Communication Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.23. To consider the recommendations of the Board of Studies of Computer and Communication Engineering for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Computer and Communication Engineering) Degree Programme under R2019 as given in Annexure–XIX.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.E. (Computer and Communication Engineering) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.24. To consider the recommendations of the Board of Studies of Computer Science and Business Systems to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.Tech. (Computer Science and Business Systems) Degree Programme as given in Annexure-XX.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.Tech. (Computer Science and Business Systems) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.25. To consider the recommendations of the Board of Studies of Computer Science and Business Systems to revise the curriculum and syllabi of third and fourth semesters for B.Tech. (Computer Science and Business Systems) Degree Programme under R2019 as given in Annexure–XXI.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.Tech. (Computer Science and Business Systems) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.26. To consider the recommendations of the Board of Studies of Computer Science and Business Systems for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours

Degree/Honours Degree with Specialization/Minor Degree for B.Tech. (Computer Science and Business Systems) Degree Programme under R2019 as given in Annexure–XXII.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.Tech. (Computer Science and Business Systems) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.27. To consider the recommendations of the Board of Studies of Information Technology to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.Tech. (Information Technology) Degree Programme as given in Annexure-XXIII.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.Tech. (Information Technology) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.28. To consider the recommendations of the Board of Studies of Information Technology to revise the curriculum and syllabi of third and fourth semesters for B.Tech. (Information Technology) Degree Programme under R2019 as given in Annexure–XXIV.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.Tech. (Information Technology) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.29. To consider the recommendations of the Board of Studies of Information Technology for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.Tech. (Information Technology) Degree Programme under R2019 as given in Annexure–XXV.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.Tech. (Information Technology) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.30. To consider the recommendations of the Board of Studies of Artificial Intelligence and Data Science to introduce the new curriculum for R2023 and its detailed syllabus

for the first and second semester B.Tech. (Artificial Intelligence and Data Science) Degree Programme as given in Annexure-XXVI.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.Tech. (Artificial Intelligence and Data Science) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.31. To consider the recommendations of the Board of Studies of Artificial Intelligence and Data Science to revise the curriculum and syllabi of third and fourth semesters for B.Tech. (Artificial Intelligence and Data Science) Degree Programme under R2019 as given in Annexure–XXVII.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.Tech. (Artificial Intelligence and Data Science) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.32. To consider the recommendations of the Board of Studies of Artificial Intelligence and Data Science for the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.Tech. (Artificial Intelligence and Data Science) Degree Programme under R2019 as given in Annexure–XXVIII.

Resolved to approve the Syllabi of Elective Courses designed as per the general guidelines given by Anna University under various verticals for offering Honours Degree/Honours Degree with Specialization/Minor Degree for B.Tech. (Artificial Intelligence and Data Science) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2021-22 onwards.

6.33. To consider the recommendations of the Board of Studies of Computer Science and Engineering – Specialization in Artificial Intelligence and Machine Learning to introduce the new curriculum for R2023 and its detailed syllabus for the first and second semester B.E. (Computer Science and Engineering – Specialization in Artificial Intelligence and Machine Learning) Degree Programme as given in Annexure-XXIX.

Resolved to approve the curriculum and detailed syllabus for the first and second semester B.E. (Computer Science and Engineering – Specialization in Artificial Intelligence and Machine Learning) Degree under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.34. To consider the recommendations of the Board of Studies of Computer Science and

Engineering – Specialization in Artificial Intelligence and Machine Learning to revise the curriculum and syllabi of third and fourth semesters for B.E. (Computer Science and Engineering – Specialization in Artificial Intelligence and Machine Learning) Degree Programme under R2019 as given in Annexure–XXX.

Resolved to approve the revised curriculum and syllabi of third and fourth semesters for B.E. (Computer Science and Engineering – Specialization in Artificial Intelligence and Machine Learning) Degree Programme under R2019 as presented in the Academic Council.

This comes into effect for the students admitted during the academic year 2022-23.

6.35. To consider the recommendations of the Board of Studies of Science and Humanities to introduce detailed syllabus for the first and second semester of all B.E. Degree Programmes for R2023 as given in Annexure-XXXI.

Resolved to approve the curriculum and detailed syllabus for the first and second semester of all B.E. Degree Programmes under R2023 as presented in the Academic Council.

This comes into effect for the students admitted from the academic year 2023-24 onwards.

6.36. To consider Credit transfer – Students details, List of approved courses for Credit transfer, Fast track, and Grievance Committee Report as given in Annexure-XXXII.

Resolved to approve changes in exam reforms (if any), Credit transfer – Students details, List of approved courses for Credit transfer, Laurel, Fast track, and Grievance Committee Report as presented in the Academic Council.

6.37. To consider the revision in intake of B.E. Mechanical Engineering from 60 to 30 and B.Tech. Artificial Intelligence and Data Science from 120 to 150.

Resolved to approve the revision in intake of B.E. Mechanical Engineering from 60 to 30 and B.Tech. Artificial Intelligence and Data Science from 120 to 150.

6.38. During the academic council meeting, the members had suggested the following points:

- Count of SCI publications and the number of citations is to be increased. Ways to convert UG & PG projects to patents and publications shall be explored.

- Heat and Mass Transfer and Thermal Engineering can be offered as Theory cum Practical courses to B.E. Mechanical Engineering for R2023.

- Equal Weightage can be given to both the Continuous Internal Assessment for the courses Tamils and Technology and Heritage of Tamils.

- Project management and finance related course can be added as one credit course in B.E. Mechanical Engineering, B.E. Electrical and Electronics Engineering, B.E. Electronics and Communication Engineering, B.E. Computer Science and Engineering, B.E. Computer and Communication Engineering, B. Tech Information Technology, B. Tech Artificial Intelligence and Data Science and B.E.

Computer Science and Engineering Specialization in Artificial Intelligence and Machine Learning for R2023.

- One Credit shall be offered for Summer Internship of B.E./B. Tech Degree Programmes for R2023.

- Summer Internship shall be evaluated by external academic experts. Also, the pattern/rubrics to be devised for awarding credits.

- Only project work can be offered in 8th semester of B.E./B. Tech Degree Programmes for R2023.

- Industry-Academia collaboration can be strengthened by adopting a method in teaching learning where a part of one course per semester will be handled by industry expert.

- The title of the courses such as Artificial Intelligence and Machine Learning for the core engineering disciplines can be given with domain related applications.

- Industry Oriented Course can be offered with one credit either in 5th or 6th semester of B.E./B. Tech Degree Programmes for R2023.

Prepared by:

Dr. Lakshmanan. M.
Dean IQAC

Approved by

Dr. Sudha Mohanram
Chairman
Academic Council