Minutes of the meeting (7th Academic Council)

Submitted to the Governing Body for Approval

The **7th** academic council meeting of Methodist College of Engineering and Technology is held on **19/07/2025** at 11.00am, in the board room of MCET. Following members are present.

S.No	Name	Designation/Role	Category
1	Prof. Prabhu G Benakop	Principal	Chairman
2	Prof. A. Krishnaiah	Senior Professor of Mechanical Engg.; Dean, FOE, OU	University Nominee
3	Prof. Shyamala K	Professor of CSE; Dean, Faculty of Informatics, OU	University Nominee
4	Prof. V. Ramesh Kumar	Professor of Chem. Engg.; Dean, Faculty of Technology, OU	University Nominee
5	Prof. Sriram Venkatesh	Professor of Mech. Engg, Secretary, TSCHE	Nominee of Governing Body, Academician
6	Prof. Atul Negi	Professor & Dean, School of Comp. & Info. Science, Univ. of Hyderabad	Nominee of Governing Body, Academician
7	Dr. G. Mallikarjuna Rao	Scientist G, Head, RFSDI/DRFSI RCI, Hyderabad	Nominee of Governing Body, Industry Expert
8	Prof. S Viswanadha Raju	Senior Professor, Dept. of CSE, JNTU, Jagityal	Nominee of Governing Body, Academician
9	Dr. M Lakshmipathi Rao	Prof. of Physics & Director	Teacher of the College
10	Prof. S. Venkateswar	Dean (Exams)	Teacher of the College
11	Dr. A. Rajasekhar	Head, Dept. of Mechanical Engineering	BOS- Chairperson
12	Dr. P. Lavanya	Head, Dept. of CSE	BOS- Chairperson
13	Dr. Bandita Naik	Head, Dept. of Civil Engg.	BOS- Chairperson
14	Dr. Y. Mastanamma	Head, Dept. of EEE	BOS- Chairperson
15	Dr. K. Anuradha Reddy	Head, Dept. of Humanities & Sciences	BOS- Chairperson
16	Dr. T. Praveen Kumar	Assoc. Prof.; In-Charge HoD of AI&ML	BOS- Chairperson
17	Dr. Ravi M Yadahalli	Prof. of ECE	Teacher of the College
18	Dr. K. Jayashankar	Prof. of ECE	Teacher of the College
19	Mr. K. Sreekanth	Asst. Prof. in H&S (Physics);	In-Charge Controller of Examinations
20	Dr. VSSN Srinivasa Baba	Head, Dept. of ECE;	BOS- Chairperson & In-Charge Member Secretary

Agenda Points:

1) Welcome and opening remarks by the Principal.
2) Action Taken Report on the Resolutions/Recommendations of the Academic Council meeting held on 25th Jan 2025 by the Director, MCET.
3) Approval of minutes of the meetings of Boards of Studies, Programme structure, Syllabi and Panel of examiners for III and IV semesters B.E. programmes for M24 (Revised Syllabus) for:
    a. Department of Civil Engineering
    b. Department of Computer Science Engineering - BE (CSE), CSE (AI&ML), B.E.CSE(AI) programmes
    c. Department of Electronics and Communication Engineering
    d. Department of Electrical and Electronics Engineering
    e. Department of Mechanical Engineering - BE (Mech)
    f. Humanities & Sciences
4) Provision to re-register for the courses having only continuous internal evaluation.
5) Change of nomenclature of semester for B.E. EEE(WP) programme.
6) Conduct of advanced supplementary exams.
7) Any other related issues.
8) Vote of Thanks

Minutes of the meeting:

Agenda Item 1: Welcome and Opening Remarks

Prof. Prabhu G Benakop, Principal, introduced the members of the Academic Council and formally welcomed them to the 7th Academic Council Meeting.

Agenda Item 2: Action Taken Report

Prof. M. Lakshmipathi Rao, Director, MCET, presented the Action Taken Report on the resolutions and recommendations of the Academic Council meeting held on 25th January 2025. The Council reviewed and approved the report.

Agenda Item 3: Approval of Minutes of Boards of Studies (BoS), Programme Structure, Syllabi and Panel of Examiners for M24 Regulation (III and IV Semesters of B.E. Programmes)

Chairpersons of various Boards of Studies presented the resolutions, course structures, syllabi, and panel of examiners. The Academic Council deliberated on and accepted the following department-wise suggestions:

Department of Civil Engineering:

- Increase in Program Elective Credits
  Prof. Krishnaiah suggested that the total credits allotted to Program Electives may be increased from 12 credits to 15–18 credits to provide students with greater academic depth and flexibility in specialized areas.
- Inclusion of MOOCs/SWAYAM Courses
  Prof. Viswanadha Raju recommended that MOOCs/SWAYAM courses may also be considered as part of the Program Electives.

It was further suggested to offer students the option to choose one course under MOOCs/SWAYAM from the Board of Studies (BoS)-approved track of Program Electives
Eligibility for Question Paper Setters/Evaluators
Prof. Sri Ram Venkatesh and *Prof. Shyamala* clarified that teaching experience should be the eligibility criterion for becoming a Question Paper Setter or Evaluator, and not possession of a Ph.D. degree.

- Industry-Relevant Curriculum Development
  Prof. Sriram Venkatesh informed that TGSCHE will soon circulate a list of Civil Engineering subjects related to industry, which may be considered for inclusion in the curriculum of upcoming semesters to enhance industry alignment.

Department of Computer Science and Engineering

- Course Sequencing: Discrete Structures & Data Structures
  Prof. Viswanadha Raju recommended that the Discrete Structures course be offered prior to Data Structures to establish foundational mathematical concepts. If not possible, both may be offered concurrently.
- Inclusion of Generative AI (Gen AI)
  Prof. Atul Negi emphasized the growing demand for Generative AI skills in the industry and suggested its inclusion in the curriculum to enhance students' employability.
- Suggested Prerequisites for Generative AI
  To effectively introduce Generative AI, the following courses may be included as prerequisites in sequence:
  1. Text Processing
  2. Image Processing
  3. Multimedia Processing
  4. Generative AI

  It was also suggested that Generative AI could be offered as a Skill Development Course, open to students across all programmes.

- Addition of Explainable AI
  Dr. Mallikarjuna Rao proposed including a course on Explainable AI to support responsible AI practices and enhance students' understanding of AI interpretability.
- Exploration of Quantum Computing Course and Lab
  Prof. Shyamala recommended exploring the introduction of a Quantum Computing course along with a corresponding laboratory component to support advanced computing education.
- Use of e-Kumbh Textbooks
  Prof. Shyamala also suggested referencing e-Kumbh (AICTE) textbooks in local languages across all courses to support multilingual learning and inclusive education.
- Incorporation of Case Study Presentations
  Prof. Viswanadha Raju advised that case study presentations be integrated into classroom teaching to improve student engagement and practical understanding.

Department of Computer Science and Engineering (AI)

- *Prof. Viswanadha Raju* recommended that the problem statements for laboratory experiments be presented with clear explanatory notes to ensure better understanding and consistency in execution.
- It was also suggested to include application-oriented experiments as an annexure to the lab manual, to strengthen practical learning and real-world relevance.

Computer Science and Engineering (AI & ML)

- *Prof. Shyamala* suggested that one of the *Programme Elective* tracks be made specific to the AI & ML programme in order to strengthen the *Programme Specific Outcomes (PSOs)*.
- *Prof. A. Krishnaiah* recommended that each branch consider including a track of *Programme Electives* focused on *Management* courses.

Electronics and Communication Engineering

- *Prof. Shyamala* suggested referring to the AICTE e-Kumbh portal to include textbooks in local languages as reference materials.

Electrical and Electronics Engineering

- *Prof. A. Krishnaiah* advised that the B.E. – EEE (Working Professional) programme should maintain a minimum of 120 credits as per AICTE guidelines.
- If incorporating 120 credits within the timetable is not feasible due to time constraints, a greater number of online courses (MOOCs) may be included in the curriculum.
- For the B.E. – EEE (Working Professional) programme, only Programme Elective courses are to be offered but not open elective in the elective stream.
- Environmental Science (Mandatory Course) may also be included as part of the curriculum for this programme.

Mechanical Engineering

- Prof. A. Raja Sekhar, Dean Academics, presented the details of NEP 2020 and the National Credit Framework (NCrF-24), explaining how they have been incorporated into the M24 Regulations Curriculum structure. He elaborated on the evolution of the programme curriculum based on the Knowledge and Attitude Profile (WKs) and the Components of Curriculum applicable to all programmes under the M24 structure.
- *Prof. Sri Ram Venkatesh* suggested revising the nomenclature of internships from *Internship* and *Research Internship* to Internship 1 and Internship 2.
- *Prof. Shyamala* proposed offering Drone Technology as a Minor Degree Programme under Mechanical Engineering.

Humanities and Sciences

- *Prof. Viswanadha Raju* recommended that, in addition to MATLAB, students from CSE and allied branches be given the option to learn R programming or Python programming.
- He also suggested the use of recording tools in the English Language Lab to enhance learning outcomes.
- With these suggestions, the members approved the minutes of the Boards of Studies, the Scheme of Instruction for M24 Regulations, the syllabi, and the panel of examiners for III and IV semesters of all departments.

The Principal then proceeded to discuss the remaining agenda items:

Agenda Item 4: Provision to Re-register for Courses with Continuous Internal Evaluation

- After deliberation, the members approved the provision to re-register in the subsequent semester for failed courses that are evaluated solely through Continuous Internal Evaluation (CIE).

Agenda Item 5: Change in Nomenclature of Semesters for B.E. EEE (Working Professional) Programme

- The proposal to change the semester nomenclature for the B.E. EEE (WP) programme from 1st–6th semesters to 3rd–8th semesters was approved.

Agenda Item 6: Conduct of Advanced Supplementary Examinations

- The proposal to conduct Advanced Supplementary Examinations for detained students in II, IV, and VI semesters—due to a shortfall in credits required for promotion to higher semesters—was approved.

General Resolutions

- It was suggested to recognize and extend incentive to the students who excel in competitive coding platforms such as HackerRank and HackerEarth. Appreciation letters may be presented during the College Annual Day celebrations.
- The Multi-Entry Multi-Exit (ME-ME) policy was discussed. It was resolved to implement the policy upon receiving approval from the affiliating university.
- The members recommended the preparation of an Institutional Development Plan (IDP) and advised obtaining approval from the Governing Body.
- It was suggested to introduce Foreign Languages as optional courses for students to enhance global competencies.
- The committee recommended the implementation of APAAR IDs for all students as part of digital academic record management.
- It was recommended to include e-Kumbh (AICTE) textbooks in local languages as reference materials across all programmes.
- The committee confirmed that eligibility for Question Paper setting and evaluation is based on teaching experience, and a Ph.D. is not mandatory.
- It was suggested to include two Summer Internship Programs and two Field Visits for all undergraduate programmes to strengthen practical exposure.
- Classroom teaching was advised to be enhanced with Case Study Presentations to promote applied learning and critical thinking.
- The Academic Committee unanimously resolved to adopt the new Self-Assessment Report (SAR) format for all undergraduate engineering programmes. This transition from the existing L-T-P format is aligned with the Graduate Attributes and Professional Competencies (GAPC) Version 4.0 for TIER-I institutions.

Vote of Thanks

The meeting ended with a vote of thanks to the Chair and council members for their contributions, constructive participation and valuable recommendations.

Place: Hyderabad
Date: 06-08-2025

Chairman-Academic Council
(Prof.Prabhu G Benakop)