



Department of Electrical & Electronics Engineering
Malnad College of Engineering, Hassan – 573 202

NO: EEE/2026-27/BoS/01

02nd June 2026

CIRCULAR

A Department External BoS meeting is scheduled to be held **on June 05, 2026**. All faculty members are hereby informed to attend the meeting compulsorily.


Dr. RAJANNA S. M., M.Tech., Ph.D., (IITR)
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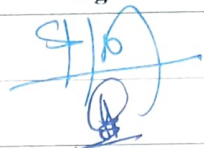
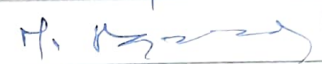
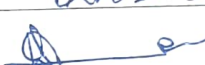
Department of Electrical and Electronics Engineering
MALNAD COLLEGE OF ENGINEERING, HASSAN
KARNATAKA - 573 202

No. MCE/EEE/BOS/2026-01

Date: 05/06/2026

Proceedings of the External Board of Studies (BOS) Meeting (Hybrid Mode) held on Wednesday 5th June 2026 at 11:00 AM.

BOS members for External Board of Studies (BoS) Present:

Sl. No.	Name	Position	Signature
1.	Dr. S Rajanna, Professor & Head	Chairman	
2.	Mr. L. Kumaraswamy Associate Professor	Member	
3.	Mr. M. E. Tejamoorthy Associate Professor	Member	M. E. Tejamoorthy
4.	Dr. M. Ramesh Associate Professor	Member	
5.	Dr. Mohanalakshmi J Associate Professor.	Member	Mohanalakshmi J
6.	Dr. Gowri Shankar M Associate Professor	Member	
7.	Dr. Kaveri K B Associate Professor	Member	
8.	Dr. R.K. Dhavala Associate Professor	Member	
9.	Mr. N.L. Varaprasad Assistant Professor	Member	
10.	Mrs. V. S. Neethu Assistant Professor	Member	
11.	Mr. H.K. Pramod Assistant Professor	Member	
12.	Mr. Nagendra Prasad H K Assistant Professor	Member	
13.	Dr. H.L. Suresh Professor & HOD Department of E&E Engineering Sir M VIT, Bangalore.	University Nominee	 5/6/2026
14.	Dr. B Subba Reddy Chief Research Scientist, IISc, Bangalore.	Member	Online
15.	Dr. Prajof Associate Professor, NITK, Surathkal, Mangalore	Member	online
16.	Mr. H.R. Venkatesh Business Development, PRDC Pvt. Ltd, Bengaluru	Member	Online
17.	Dr. Chinmaya K A Assistant Professor Indian Institute of Technology, BHU	Alumni rep	 5/6/26
18.	Mr. Ayush P Gowda	Student rep	 5.6.26
19.	Ms. Ankitha B	Student rep	

MALNAD COLLEGE OF ENGINEERING, HASSAN
(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)
Department of Electrical & Electronics Engineering

PROCEEDINGS OF THE EXTERNAL BOARD OF STUDIES MEETING

Meeting	External Board of Studies (BoS) Meeting – Department of Electrical & Electronics Engineering
Purpose	Review and finalization of the Scheme and Syllabus for the 2025 Admitted Batch (III to VI Semesters)
Date	05 th June 2026
Time	11 AM
Venue	Department of E&E Engineering, Malnad College of Engineering, Hassan
Chairperson	Dr. S. Rajanna, Professor & HoD, Dept. of E&E Engineering

1. Agenda

- Review of the draft scheme and syllabus for the 2025 admitted batch in light of External BoS comments.
- Revision of III, IV, V and VI semester scheme and syllabus.
- Rationalization of laboratory courses, course categories, and credit distribution.
- Approval of new course introductions and course title modifications.

2. General Resolutions

- Total contact hours in the scheme shall be limited to 30 hours per week, wherever applicable.
- All comments received from the External Board of Studies members shall be incorporated before finalization of the scheme.
- Semester-wise course distribution shall be reviewed to ensure uniform academic workload across semesters.
- Overlapping content across courses shall be removed, and advanced topics shall be shifted to higher semesters.

3. Semester-wise Deliberations and Resolutions

3.1 III Semester

IPCC Courses

- A minimum of two modules shall be retained for the laboratory component, uniform across all IPCC courses (consistent with other semesters).
- RES (Renewable Energy Sources): overlapping content shall be removed and advanced portions are to be moved to higher semesters.

3.2 IV Semester

- EPGT course shall be restructured; if feasible, selected content may be moved to a later semester.
- Where possible, additional emphasis on Basic Machines should be added, with syllabus changes.

- Special Electrical Machines to be removed and more emphasis to be given on conventional machines courses.
- Transducers and Sensors content shall be reviewed as the contents overlap.
- One module of RES shall be included within the EPGT syllabus; in parallel, RES content shall be added to the appropriate higher semester.

AutoCAD for EE

- The course may either be removed from the current position or moved to the V Semester; alternatively, it may be offered as a core course in a higher semester. Final placement to be decided by the DAC.

D.C. and Synchronous Machines (25EE402)

- The course code/title shall be changed as required, and the laboratory component of D.C. and Synchronous Machines shall be reviewed.

Microcontrollers

- Microcontroller course shall be offered as an integrated (theory + laboratory) course.

Fundamentals of EV (25EES11)

- The course title shall be revised to 'Fundamentals of Electric Vehicles' (title change approved).
- A module on Cybersecurity for Electrical Engineering (in Power Systems context) is recommended to be introduced.

4.3 V / VI Semester

PCB Design Laboratory (VI Semester)

- Introduction of a PCB Design Laboratory in the VI Semester was considered and recommended.
- The laboratory shall be offered at two levels — schematic/design level and layout/fabrication level — with practical exposure to PCB fabrication and testing.
- Estimated establishment cost of approximately ₹5.5 lakh (equipment) was discussed; a campus-wide facility with software licences estimated at ₹12–13 lakh (per annum, including licences) was also considered, subject to revision and approval.

Open Electives (VI Semester)

- A minimum of four open elective options shall be offered.
- EVT (Electric Vehicle Technology) shall be considered as one of the elective offerings.

AutoCAD

- If feasible, AutoCAD shall be shifted to the VI Semester.

Course Category Rationalization

- CMPS shall be re-categorized as EPCC; selected EPCC courses shall be re-mapped to PCC, with associated laboratory components separated where required.
- Subject swaps between semesters shall be carried out wherever it improves prerequisite sequencing.

EMD (EPCC)

- EMD course shall be reviewed under the EPCC category with appropriate module-wise structure.

4. Additional Discussion Points

- Advanced topics shall be identified separately (approximately five per course) and introduced at the appropriate semester level.
- Every subject shall conclude each module with a discussion session covering advanced topics relevant to that module.

- Renewable Energy content shall be harmonized across related courses, including reactive power and harmonics considerations.
- Practical components and laboratory integration shall be reviewed for all revised courses.
- The revised scheme shall ensure full compliance with university and regulatory curriculum requirements.

5. Action Items

Sl. No.	Action Item
1	Incorporate all External BoS comments into the draft scheme and syllabus
2	Revise III Semester IPCC syllabus
3	Restructure IV Semester EPMT course and integrate one RES module
4	Review placement of AutoCAD for EE and finalize semester of offering
5	Shift overlapping and advanced topics to higher semesters
6	Finalize Open Elective basket with a minimum of four options, including EVT
7	Revise 25EES11 as Fundamentals of Electric Vehicles with IoT and Cybersecurity content
8	Review PCC/EPCC subject mapping and CMPS reclassification
9	Prepare the revised scheme and syllabus for Academic Council approval

6. Conclusion

The External Board of Studies members reviewed the draft scheme and syllabus for the 2025 admitted batch and offered their comments and suggestions as recorded above.

With the suggested revisions the committee approved the scheme and syllabus.

The Chairman thanked the external members for their valuable inputs. The department shall incorporate all suggestions and place the revised scheme and syllabus to the Board of Studies for final approval, and subsequently to the Academic Council.

The meeting concluded with a vote of thanks by the Chairman.


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