

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

12th BOARD OF STUDIES MEETING

DATE : 17.07.2026
VENUE : Schneider Electric Laboratory
(Room No: B-001)
TIME : 10 AM – 1 PM

Signature
17/7/2026

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17/7/26

Signature
20/7



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

12th BOARD OF STUDIES MEETING

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12th BOARD OF STUDIES MEETING

AGENDA FOR THE MEETING

Agenda 1: Welcome address by BoS Chairman.

Agenda 2: Approval of 2025 scheme and syllabus for the AY: 2026-2027, II-year (III and IV semester) EEE Program.

Agenda 3: Approval of 2024 scheme and syllabus for the AY: 2026-2027, III-year (V and VI semester) EEE Program.

Agenda 4: Revision of Vision, mission of the department-If any

Agenda 6: Suggestions from BoS members.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF MEMBERS- BOARD OF STUDIES AY: 2026-2027

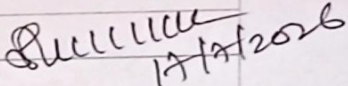
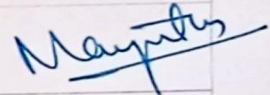
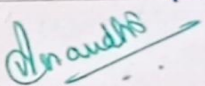
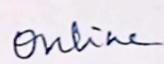
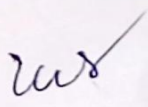
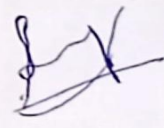
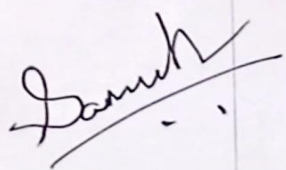
S. No	Category	Nomination of the committee	Name of the person	Designation & Affiliation
1	Head of the Department	Chairperson	Dr.Sujitha S	HoD & Professor, NHCE, Bangalore
2	Special Invitees (one academician from Institution of National Eminence, IIT, NIT, IIM,IISC)	1	Dr. Manjunatha	Principal, NHCE
		2	Dr. R. J Anandhi	Vice Principal Academics, NHCE
		3	Dr. L Umanand	Professor, Center for Electronics and Design Technology (CEDT), Indian Institute of Science, Bangalore lums@iisc.ac.in
3	Faculty member at different level with different specialization	Members		
		1	Dr.Vinoth Kumar K	Professor & Associate head-R & D, NHCE
		2	Dr.Gunapriya B	Professor, NHCE
		3	Dr.Karthika M	Associate Professor, NHCE
		4	Dr Mohan Das R	Associate Professor, NHCE
		5	Ms Sangeetha C N	Assistant Professor, NHCE
4	Subject expert from outside the college nominated by Academic Council	Members		
		1.	Dr. K. Deepa	Associate Professor, Electrical and Electronics Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham University, Amrita Nagar, Choodasandra, Junnasandra, Bengaluru, Karnataka 560035, k_deepa@blr.amrita.edu 9980005071
		2.	Dr P B Savitha	Associate Professor, Electrical and Electronics Engineering, Dayananda Sagar College of Engineering, Shavige Malleshwara HillsKumaraswamy Layout, Bengaluru, Karnataka-560078, savithapb-eee@dayanandasagar.edu 90087 07141

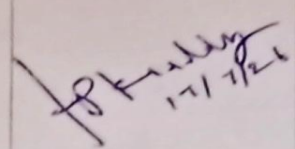
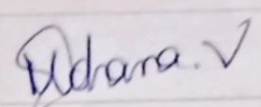
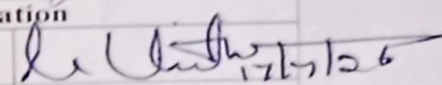
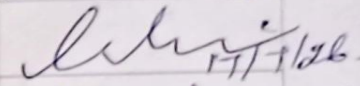
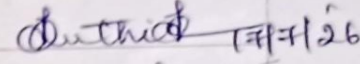
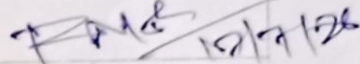
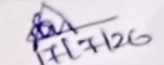
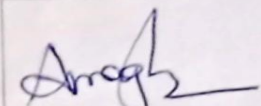
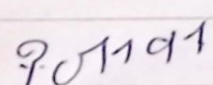
S. No	Category	Nomination of the committee	Name of the person	Designation & Affiliation
5	Experts from outside the college nominated by VTU	Member		
		1	Dr. Samanvita N*	Professor, NITTE Meenakshi Institute of Technology, Bengaluru-560064 Samanvitha.n@nmit.ac.in 9731777517
6	Representative from Industry / Corporate sector / allied area related to placements, nominated by Academic Council	Members		
		1	Dr Praveen Kumar Reddy	DFT ENGINEER, Truechip solutions Pvt ltd, Ramsai Paradaise, 610, opposite cafe coffee day, AECS Layout - C Block, AECS Layout, Marathahalli, Bengaluru- 560037 kpkreddy_99@yahoo.co.in 8124814373
		2	Mr Leela Prasad M R	Deputy Manager, Mahindra last mile mobility, Bengaluru-560099 Mrleelaprasad5075@gmail.com 7373435073
		3	Ms Mohana Venkatappa	Assistant HR Manager Department of HRD, NHCE 9606858059
7	Under Graduate meritorious alumni nominated by Principal	Members		
		1	Mr Amogh Narugund	Physical Design engineer 2, AMD EPIP Zone, Whitefield, Bengaluru amoghyn17@gmail.com 7406654730
		2	Mr Dayas Dixen	Electrical Designer, Schneider Electric, Rga Tech Park L&T, Dxc Technology, Tower 2, Carmelaram, Hadosiddapura, Doddakannelli, Bengaluru -560035 dayasdixen2020@gmail.com 8867415649
8	Co-opted members	Members		
		1	Dr Meenakshi Sundaram	Senior Assistant Professor, NHCE
		2	Mr. Sunil S K	Senior Assistant Professor, NHCE
		3	Dr Sujoy Das	Senior Assistant Professor, NHCE
		4	Ms Soumya K V	Assistant Professor, NHCE
		5	Ms Veena M H	Assistant Professor, NHCE
		6	Ms Ramya S	Assistant Professor, NHCE

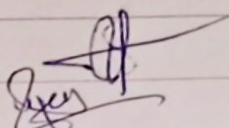
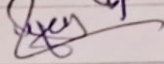
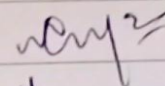
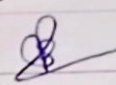


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF BOS MEMBERS PRESENT IN THE MEETING (AY: 2026-2027)-17.07.2026

S.NO	NAME	DESIGNATION & AFFILIATION	SIGNATURE
BoS Chairman			
1	Dr.Sujitha S	HoD & Professor, NHCE, Bangalore	 17/7/2026
Special Invitees			
2	Dr. Manjunatha	Principal, NHCE	
3	Dr. R. J Anandhi	Vice Principal -Academics, NHCE	
4	Dr. L Umanand	Professor, Center for Electronics and Design Technology (CEDT), Indian Institute of Science, Bangalore, lums@iisc.ac.in	
Academic Expert			
5	Dr. K. Deepa	Associate Professor, Electrical and Electronics Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham University, Amrita Nagar, Choodasandra, Junnasandra, Bengaluru, Karnataka 560035, k_deepa@blr.amrita.edu 9980005071	
6	Dr P B Savitha	Associate Professor, Electrical and Electronics Engineering, Dayananda Sagar College of Engineering, Shavige Malleshwara HillsKumaraswamy Layout, Bengaluru, Karnataka-560078, savithapb-eee@dayanandasagar.edu 90087 07141	
VTU nominee			
7	Dr. Samanvita N	Professor, NITTE Meenakshi Institute of Technology, Bengaluru-560064 samanvita.n@nmit.ac.in 9731777517	

Industry Experts			
8	Dr Praveen Kumar Reddy	DFT ENGINEER, Truechip solutions Pvt ltd, Ramsai Paradise, 610, opposite cafe coffee day, AECS Layout - C Block, AECS Layout, Marathahalli, Bengaluru, Karnataka 560037, kpkreddy_99@yahoo.co.in 8124814373	
9	Mr Leela Prasad M R	Deputy Manager, Mahindra last mile mobility, Bengaluru-560099 Karnataka Mrleelaprasad5075@gmail.com 7373435073	Online
10	Ms Mohana Venkatappa	Assistant HR Manager Department of HRD, NHCE 9606858059	
Faculty member at different level with different specialization			
11	Dr.Vinoth Kumar K	Professor, Associate-Head, R&D,NHCE	
12	Dr.Gunapriya B	Professor, NHCE	
13	Dr.Karthika M	Associate Professor, NHCE	
14	Dr. Mohan Das R	Associate Professor, NHCE	
15	Ms Sangeetha C N	Senior Assistant Professor, NHCE	
Meritorious alumni			
16	Mr Amogh Narugund	Physical Design engineer 2, AMD EPIP Zone, Whitefield, Bengaluru amoghyn17@gmail.com 7406654730	
17	Mr Dayas Dixen	Electrical Designer, Schneider Electric, Rga Tech Park L&T, Dxc Technology, Tower 2, Carmelaram, Hadosiddapura, Doddakannelli, Bengaluru, Karnataka 560035 dayasdixen2020@gmail.com 8867415649	Online
Co-opted faculty members			
18	Dr Meenakshi Sundaram	Senior Assistant Professor, NHCE	

19	Mr. Sunil S K	Senior Assistant Professor, NHCE	
20	Dr Sujoy Das	Senior Assistant Professor, NHCE	
21	Ms Soumya K V	Assistant Professor, NHCE	
22	Ms Veena M H	Assistant Professor, NHCE	
23	Ms Ramya S	Assistant Professor, NHCE	



NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WELCOME ADDRESS BY THE CHAIRMAN OF BOS AND INTRODUCTION OF MEMBERS

Minutes

Dr.Sujitha S, Chairman of BOS, welcomed the BoS members and introduced the significance of autonomy in the context of engineering education from industry perspective. The chairman briefed the gathering about the various regulations being followed in the department and emphasized the need for revision in curriculum and syllabi based on the inputs from various stake holders.

AGENDA -2

**Approval of 2025 scheme and syllabus for the AY: 2026-2027, II-year (III and IV semester)
EEE Program.**

Minutes

- *Scheme & Syllabus of II year 2025-2029 Batch (III & IV semesters) has been reviewed.*
- *Suggestions from BoS members have been acknowledged and discussed in detail.*
- *Scheme & Syllabus of II Year 2025-2029 Batch (III & IV semesters) has been unanimously approved by all the members.*

AGENDA -3

**Approval of 2024 scheme and syllabus for the AY: 2026-2027, III-year (V and VI semester)
EEE Program.**

Minutes

- *Scheme & Syllabus of III year 2024-2028 Batch (V & VI semesters) has been reviewed.*
- *Suggestions from BoS members have been acknowledged and discussed in detail.*
- *Scheme & Syllabus of III Year 2024-2028 Batch (V & VI semesters) has been unanimously approved by all the members.*



AGENDA -4

Revision of Vision, mission of the department-If Any

- *All the BoS members are agreed to retain the Vision and suggested to reframe the word FORUM in Mission of the department as it is generic. Also committee suggested to revise the FRAMING keyword in mission statement M2.*



Department of Electrical and Electronics Engineering
BoS meeting-AY: 2026-2027

RECOMMENDATIONS OF THE BOARD

The agenda and scheme and syllabus were already circulated among the committee members and the following recommendations were received by external BoS members.

I. Suggestions from Dr Samanvita N, VTU nominee, Professor in EEE, NITTE Meenakshi Institute of Technology, Bengaluru

1. Recommended that the courses should be mapped with SDG to give more weightage for the global requirements.
2. Self-learning courses assessment and evaluation methods of Term work (TW) and self-learning (SL) were discussed. The case study as alternate assessment incorporated in the syllabus was appreciated.

II. Suggestions from Dr Deepa, Associate Professor, EEE, Amrita School of Engineering, Bengaluru.

The syllabus is well structured and aligned with the current requirements of the Electrical and Electronics Engineering curriculum. The course objectives, outcomes, and overall content coverage are comprehensive and provide students with a strong theoretical foundation.

As a recommendation for future curriculum enhancement, the following additions may be considered:

1. **Introduction of a 3D Design and Digital Engineering Course with Hands-on Training:**
A practical course focusing on 3D modeling, product design, digital prototyping, and engineering visualization would enhance students' design capabilities and better prepare them for Industry 4.0 applications.

2. IoT Laboratory:

A dedicated Internet of Things (IoT) laboratory incorporating microcontrollers, sensors, cloud connectivity, and industrial communication protocols would strengthen students' practical skills in smart systems and automation.

3. PLC and SCADA Laboratory:

Introducing a hands-on laboratory on Programmable Logic Controllers (PLC) and Supervisory Control and Data Acquisition (SCADA) systems would provide students with essential industrial automation skills, improving their employability in manufacturing, process industries, and smart infrastructure.

4. Robotics and Intelligent Automation Course with Laboratory:

Introduce a course and hands-on laboratory on industrial robotics, autonomous mobile robots (AMRs), robotic manipulators, robot programming, machine vision, sensors and actuators, ROS (Robot Operating System), collaborative robots (Cobots), and AI-enabled robotic applications. The laboratory should provide students with practical exposure to robot programming, motion control, robotic simulation, and industrial automation, preparing them for Industry 4.0 and smart manufacturing environments

Overall, the proposed curriculum is well framed, and the above suggestions are intended to further enhance its industry relevance and experiential learning components.

Action Taken: As per the discussion with course and module coordinator, the possibility of adding above topics can be considered for the next year courses.

III. Suggestions from Dr. Savitha P B, Associate Professor, Dayanand Sagar College of Engineering, Bengaluru

1. EV energy storage vertical can be included
2. Wide band gap power electronics devices characteristics may be introduced, like SiC, GaN, in the first module of Power Electronics.

Action Taken: As per the discussion with course coordinator, the Wide band gap power electronics devices are included in the syllabus.

2. Power System Protection can be included as a separate core course

Action Taken: As discussed with the course coordinator and BoS members, the course can be combined with Generation and distribution as given in the syllabus.

IV. Suggestions from Dr Praveen Kumar Reddy (Industry Expert), DFT ENGINEER, Truechip solutions Pvt ltd, Bengaluru

1. Recommended to go through the Chip to startup (C2S) facility given by Govt of India, to promote chip design activities.

2. EEE / ECE departments can try to get access to all advanced EDA tools, given free by the Government of India and get this facility for benefit of all Student / Teaching community to explore.
3. Dr Praveen Kumar Reddy has suggested the text books for the courses Digital Logic Design, Analog and linear Integrated Circuits and CMOS VLSI Design

Action Taken:

The suggested the text books were included in the syllabus.

V. Suggestions from Mr Amogh Narugund, Physical Design engineer 2, AMD EPIP Zone Bengaluru

1. Static Timing Analysis (STA) can be included in module 5 for the course CMOS VLSI design.
2. Industry expert talk needs to be arranged for this course.

Action Taken:

- The topic would be difficult for UG students and anyway as per the industry requirement, the topic can be taught by the industry experts during the semester
- However, the introduction to Static Timing Analysis (STA) along with APB verification Project has been included for the technical training for EEE 2028 batch through CDC training.

VI. Revision of Vision, Mission, PEOS and PSOs:

All the BoS members are agreed to retain the Vision and in the Mission of the department the word FORUM is generic and that can be reframed.

VOTE OF THANKS BY THE CHAIRMAN-BoS

The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabus for 2025-2029 batch, and 2024-2028 batch.

Glimpses of BoS meeting for the AY: 2026-2027–Dt: 17.07.2026

