

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**GOVERNMENT COLLEGE OF ENGINEERING, BARGUR – 635104**  
 (An Autonomous Institution Affiliated to Anna University, Chennai)

Minutes of the Board of Studies meeting of Electrical and Electronics Engineering held on 23<sup>rd</sup> October 2017 at Government College of Engineering, Bargur.

The Board of studies meeting of Electrical and Electronics Engineering for the B.E and M.E Degree program from the academic year 2017-2018 onwards was convened and held on 23<sup>rd</sup> October 2017 in the Conference Hall of Administrative Block, Government College of Engineering, Bargur. The following members were present during the meeting.

S.No.	Name	Affiliation
1.	Dr. S.Baskar	University nominee, Professor and Head, Department of EEE, Thiagarajar College of Engg.,Madurai-625015
2.	Dr. S.Subramaniam	Professor/EEE, Faculty of Engineering, Annamalai University, Chidambaram
3.	Dr. J.S.Christy Manoraj	Assistant Professor/EEE, Govt. College of Engg., Salem-11.
4.	Er.Imayavaramban RM	Manager-Field Application Engineering, Storage & Electronic Devices Solutions Division, Toshiba India Private Limited, Bangalore-560 001, Karnataka.
5.	Er. M.Malayappan,M.E.,	Director,Pantech Prolabs India Pvt Ltd, 41, Rajeswari Street,Santosh Nagar, Kandanchavadi,Chennai – 600096.
6.	Prof.K.Mohan	Assistant Professor/HoD, EEE, GCE, Bargur
7.	Prof.A.Thangaraj	Assistant Professor, EEE, GCE, Bargur
8.	Prof.M.Bhavani	Assistant Professor, EEE, GCE, Bargur
9.	Prof.V.Arivumani	Assistant Professor, EEE, GCE, Bargur
10.	Dr.I.Thangaraju	Assistant Professor, EEE, GCE, Bargur
11.	Prof.P.Sakthivel	Assistant Professor, EEE, GCE, Bargur
12.	Dr.R.Francis	Assistant Professor, EEE, GCE, Bargur
13.	Dr.V.Adhimoorthy	Assistant Professor, EEE, GCE, Bargur
14.	Dr.K.Asokan	Assistant Professor, EEE, GCE, Bargur




S.No.	EX OFFICIO MEMBERS
1.	PRINCIPAL, GCE,BARGUR
2.	CONTROLLER OF EXAMINATIONS, GCE,BARGUR



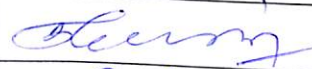



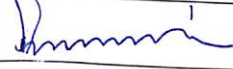
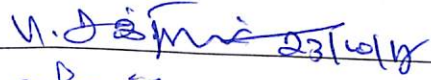


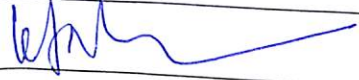
The following points were discussed among Board of Studies members and got approved.

- The Course title “Circuit Theory” has been changed to “Electric Circuit Analysis” in Full Time (FT) B.E. (EEE).
- The Course title “Fundamentals of Microprocessors and Microcontrollers” has been changed to “Microprocessors, Microcontrollers and Applications” in FT- B.E. (EEE).
- The Course title “Digital Signal Processing” has been changed to “Signals and Systems” in FT- B.E. (EEE).
- The Course title “Electric Circuits and Simulation Lab” has been changed to “Electric Circuits Lab” in FT- B.E. (EEE).
- Based on the suggestion from the members of BoS, “Measurements and Instrumentation” course has been changed to fourth Semester and “Digital Logic Circuits” course to third semester in FT- B.E. (EEE).
- Based on the suggestion from the members of BoS, “Control Systems” course has been changed to fifth Semester and “Signals and Systems” course to fourth semester in FT- B.E. (EEE).
- Based on the suggestion from the members of BoS, “Signals and Systems” course Syllabus is kept with common to B.E (ECE).
- Based on the suggestion from the members of BoS, Course Outcomes has been changed based on Outcome Based Education (OBE).
- Embedded Systems course is included as elective-III subject in FT- B.E. (EEE).
- Internet of Things course is included as elective-VII subject in FT- B.E. (EEE).
- Based on the suggestion from the members of BoS, “Electrical Machine Design” course has been changed to seventh Semester and Protection and Switchgear course to sixth semester in FT- B.E. (EEE).

- The Course title “Power System Simulation Lab” has been changed to “Power System Lab” in FT- B.E. (EEE).
- Based on the suggestion from the members of BoS, the Course title “Analysis and Design of Power Converters” has been changed to “Analysis and Design of Converters” in PG-Power Electronics and Drives (PED).
- Based on the suggestion from the members of BoS, the Course title “Power Electronic Circuits Lab” has been changed to “Advanced Power Electronics Lab” in PG (PED).
- In the Course title “Electrical Drives Lab” of PG (PED), speed control of PMSM is added instead of Cycloconverter fed induction motor drives experiment.
- In the Course title “Power Semiconductor Devices” of PG (PED), the advanced industrial devices GAN, SiC, and IEGT are added under Voltage controlled devices Unit.
- In the Course title “Analysis and Design of Converters” of PG (PED), Half and Full bridge Converters are added under DC-DC Converters Unit.
- In the Course title “Analysis and Design of Converters” of PG (PED), Phase Shift Full bridge Converters are added under Resonant DC-DC Converters Unit.
- In the Course title “Analysis and Design of Inverters” of PG (PED), Grid Tied Inverters are added under Current Source Inverters Unit.
- In the Course title “Analysis and Design of Inverters” of PG (PED), Online UPS Various types are added under Resonant Inverters and Power Conditioners Unit.
- The Course title “Circuit Theory” has been changed to “Electric Circuit Analysis” in Part Time (PT) - B.E. (EEE).
- The Course title “Fundamentals of Microprocessors and Microcontrollers” has been changed to “Microprocessors, Microcontrollers and Applications” in PT- B.E. (EEE).
- The Subjects titled “Control Systems” and “Control and Instrumentation Lab” offered under PT- BE (EEE) in semester-III will be adapted under FT BE (EEE) in V semester.
- The Subjects titled “Synchronous and Asynchronous Machines offered under PT-BE (EEE) in semester-IV will be adapted under FT-BE (EEE) in V semester.
- The Subjects titled “Microprocessors, Microcontrollers and Applications” and “Power Electronics” offered under PT-BE (EEE) in semester-IV will be adapted under FT-BE (EEE) in VI semester.
- B.E. (EEE)-FT, First and Second Semester – Curriculum and Syllabi are approved.

- Second Semester B.E (EEE)-FT – Electric Circuit Analysis [Theory], Electric Circuits Laboratory, Engineering Practices Laboratory (Electrical and Electronics) Syllabus are approved.
- Second Semester B.E (CSE)-Basic Electrical, Electronics and Measurement Engineering [Theory], B.E (Mechanical) – Basic Electrical, Electronics and Instrumentation Engineering [Theory], Basic Electrical, Electronics and Instrumentation Lab Syllabus are approved.
- Third Semester B.E (ECE)-Basic Electrical and Instrumentation Engineering [Theory], Electrical Engineering Lab Syllabus are approved.
- B.E. (EEE)-FT, Third and Fourth Semester – Curriculum and Syllabi are approved.
- B.E. (EEE)-PT, First, Second, Third and Fourth Semester – Curriculum and Syllabi are approved.
- B.E. (EEE)-FT, Fifth Semester to Eighth Semester – Curriculum (with Electives) are approved.
- B.E. (EEE)-PT, Fifth Semester to Seventh Semester – Curriculum (with Electives) are approved.
- The List of Open Electives offered for other Departments are approved.
- The List of One Credit Courses are approved.
- M.E., (Power Electronics and Drives) – Curriculum and Syllabi for all Semesters are approved.

S.No.	Name	Signature
1.	Dr. S.Baskar, University Nominee, Professor and Head, Department of EEE, Thiagarajar College of Engg.,Madurai- 625015	 23/6/18
2.	Dr. S.Subramaniam, Subject Expert Professor/EEE, Faculty of Engineering, Annamalai University, Chidambaram	 23/10/17
3.	Dr.J.S.Christy Manoraj, Subject Expert Assistant Professor/EEE, Govt. College of Engg., Salem – 636011	 23/10/17

4.	Er.Imayavaramban RM, Manager-Field Application Engineering, Storage & Electronic Devices Solutions Division, Toshiba India Private Limited, Prestige Terraces, 2 <sup>nd</sup> Floor, #5/1, Union Street, Bangalore-560 001, Karnataka.	
5.	Er. M.Malayappan, M.E., Alumni Director, Pantech Prolabs India Pvt Ltd, 41, Rajeswari Street, Santosh Nagar, Kandanchavadi, Chennai - 600096.	
6.	Prof.K.Mohan, Assistant Professor, EEE, GCE, Bargur	
7.	Prof.A.Thangaraj, Assistant Professor, EEE, GCE, Bargur	
8.	Prof.M.Bhavani, Assistant Professor, EEE, GCE, Bargur	
9.	Prof.V.Arivumani, Assistant Professor, EEE, GCE, Bargur	
10.	Dr.I.Thangaraju, Assistant Professor, EEE, GCE, Bargur	
11.	Prof. P.Sakthivel, Assistant Professor, EEE, GCE, Bargur	
12.	Dr.R.Francis, Assistant Professor, EEE, GCE, Bargur	
13.	Dr.V.Adhimoorthy, Assistant Professor, EEE, GCE, Bargur	
14.	Dr.K.Asokan, Assistant Professor, EEE, GCE, Bargur.	

  
CHAIRMAN

BOARD OF STUDIES FOR EEE