

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

Minutes of the Second Board of Studies meeting of Electrical and Electronics Engineering held on 24th April 2018 at Government College of Engineering, Bargur.

The Second Board of studies meeting of Electrical and Electronics Engineering for the B.E(EEE) Full Time and B.E(EEE) Part Time Degree program from the academic year 2017-2018 onwards was convened and held on 24th April 2018 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. J.S.Christy Manoraj	Assistant Professor/EEE, Govt. College of Engg., Salem-11.
3.	Er.Imayavaramban RM	Manager-Field Application Engineering, Storage & Electronic Devices Solutions Division, Toshiba India Private Limited, Bangalore-560 001, Karnataka.
4.	Er. M.Malayappan,M.E.,	Director,Pantech Prolabs India Pvt Ltd, 41, Rajeswari Street,Santosh Nagar, Kandanchavadi,Chennai – 600096.
5.	Prof.K.Mohan	Assistant Professor/HoD, EEE, GCE,Bargur
6.	Prof.A.Thangaraj	Assistant Professor, EEE, GCE,Bargur
7.	Prof.M.Bhavani	Assistant Professor, EEE, GCE,Bargur
8.	Prof.V.Arivumani	Assistant Professor, EEE, GCE,Bargur
9.	Dr.I.Thangaraju	Assistant Professor, EEE, GCE,Bargur
10.	Prof.P.Sakthivel	Assistant Professor, EEE, GCE,Bargur
11.	Dr.R.Francis	Assistant Professor, EEE, GCE,Bargur
12.	Dr.V.Adhimoorthy	Assistant Professor, EEE, GCE,Bargur
13.	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 member has expressed unable to attend the meeting due to prior commitment to other works.

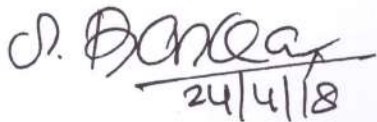
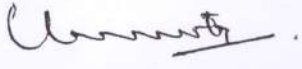


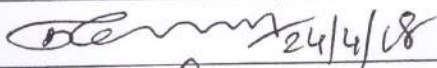
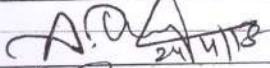
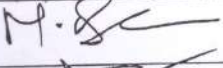
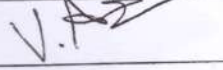
S.No.	NAME	ADDRESS	AFFILIATION
1.	Dr. S.Subramaniam	Professor/EEE, Faculty of Engineering, Annamalai University. Chidambaram-608002	Subject Expert

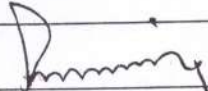


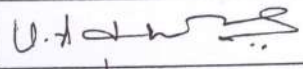
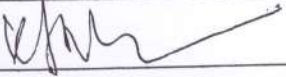
The following points were discussed among Board of Studies members and got approved.

- In power system analysis fourth unit unsymmetrical fault in transmission line is added instead of unsymmetrical fault.
- Committee suggested that all Cos start as 'After successful completion of the course, students will be able to -----'
- In Synchronous and Asynchronous machine laboratory new experiment 'winding configuration of two pole and three pole connections' is added in FT- B.E. (EEE).
- In Power System Operation and Control committee suggested to delete software applications in power system operation topic in 2nd unit and Analysis using matlab in 4th unit and the same are deleted.
- In Power Electronics Laboratory AC to DC Fully controlled converter experiment Changed as 'Determination of control characteristics of AC to DC fully controlled converter (1 phase and 3 phase).
 - In Power Electronics Laboratory, AC to DC half controlled converter experiment changed as 'Determination of control characteristics of AC to DC half controlled converter (1 phase and 3 phase).
 - Committee suggested to delete Cycloconverter experiment and added SMPS (Half bridge, Fly back and Forward converter modes).
 - Committee suggested to delete AC to DC Converter DC Drive experiment and added Quasi Resonant Converter.
 - Committee suggested to delete DC to AC Converter based AC Drive experiment.
- IN IGBT Based PWM Inverter single phase and three phase added.
- In Microprocessor and Micro controller Applications Laboratory ' Measurement of Frequency of the given wave form' is added.

- In Electrical Machine Design subject Introduction to Computer Aided Design of Electrical Machine (Simple treatment) is added in first unit.
- In Special Electrical Machines Inductance Profile topic is added in second unit before microprocessor based control.
- In Energy Utilization, Conservation and Auditing subject, fourth unit Solar Radiation and Solar Energy Collectors changed as Energy Conservations and Fifth unit Wind Energy changed as Energy Auditing.
- In Power System Laboratory 'Design and Analysis of Transmission Line' is changed as 'Modelling and Analysis of Transmission Line'
 - In Stability analysis of SMIB and MMIB system experiment, MMIB is deleted.
 - Characteristics of Circuit Breakers is changed as Performance parameters of Circuit Breakers (ACB and VCB),
- In Electrical System Design Laboratory all experiments prefixed as Design, Analysis and Fabrication of-----
- In Advanced Control System Subject, Unit I Titled as State Variable Controller Design instead of State Variable Design.
- In microcontroller based system design, unit-II and Unit-III are merged, Unit-V Applications is added
- In Principles of Robotics Subject, entire syllabus modified to fit to Electrical Engineers.
- In Computer Aided Design of Electrical Apparatus subject, Syllabus modified suitably for B.E Students.
- In Internet of Things subject 5th unit 'Cloud Data applications' topic is added.
- In MatLab Programming 5th unit 'Engineering Applications- Optimization' topic is added.
- In Mat Lab Programming 4th unit 'GUI' topic is added.
- In one credit course Solar PV Design changed as Solar PV System Design.
- Three week AICTE Mandatory induction Program is added in curriculum for First year new admission students from the Academic Year 2018-2019 onwards and same is passed by the Committee.
- All Grouped professional Electives are merged in curriculum and passed by the Committee.

- Fifth Semester to Eight Semester B.E (EEE)-Full Time Syllabi are passed.
- Fifth Semester to Seventh Semester B.E (EEE)-Part Time Syllabi are passed.
- List of Professional Electives syllabi offered for the Full Time EEE are passed.
- List of Open Electives syllabi offered for other Departments are passed.
- List of One credit courses syllabi for B.E (EEE)-Full Time Syllabi are passed.
- List of Professional Electives syllabi offered for the Part Time EEE are passed.

S.No.	Name	Signature
1.	Dr. S.Baskar, University Nominee, Professor and Head, Department of EEE, Thiagarajar College of Engg.,Madurai- 625015	 24/4/18
2.	Dr.J.S.Christy Manoraj, Subject Expert Assistant Professor(Senior Grade)/EEE, Govt. College of Engg., Salem – 636011	
3.	Er.Imayavaramban RM, Industrial Expert Manager-Field Application Engineering, Storage & Electronic Devices Solutions Division, Toshiba India Private Limited, Prestige Terraces, 2 nd Floor, #5/1, Union Street, Bangalore-560 001, Karnataka.	
4.	Er. M.Malayappan,M.E., Alumni Director, Pantech Prolabs India Pvt Ltd, 41, Rajeswari Street, Santosh Nagar, Kandanchavadi, Chennai – 600096.	
5.	Prof.K.Mohan, Chairman/ BoS Assistant Professor, EEE, GCE, Bargur	 24/4/18
6.	Prof.A.Thangaraj, Internal Member Assistant Professor, EEE, GCE, Bargur	 24/4/18
7.	Prof.M.Bhavani, Internal Member Assistant Professor, EEE, GCE, Bargur	
8.	Prof.V.Arivumani, Internal Member Assistant Professor, EEE, GCE, Bargur	

9.	Dr.I.Thangaraju, Internal Member Assistant Professor, EEE, GCE, Bargur	
10.	Prof. P.Sakthivel, Internal Member Assistant Professor, EEE, GCE, Bargur	
11.	Dr.R.Francis, Internal Member Assistant Professor, EEE, GCE, Bargur	
12.	Dr.V.Adhimoorthy, Internal Member Assistant Professor, EEE, GCE, Bargur	
13.	Dr.K.Asokan, Internal Member Assistant Professor, EEE, GCE, Bargur.	


CHAIRMAN 24/4/18

BOARD OF STUDIES FOR EEE