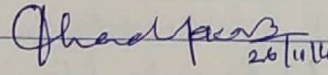
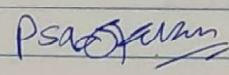
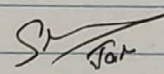
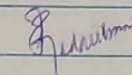
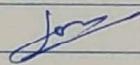
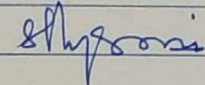
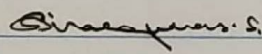
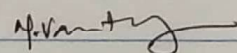
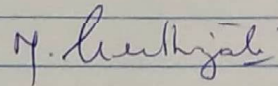
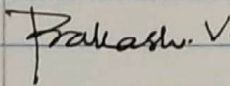



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EEE Seminar Hall (B.O.S.)

MINUTES OF BOS MEETING
 Minutes of Board of Studies
 (UG-EEE) towards approval of all
 B.E held on 26-11-2016 Saturday, EEE
 department Seminar Hall at 11. A.M.

MEMBER PRESENT.

Name	Signature
1) DR. K. CHANDRASEKARAN AP & HEAD / EEE, NITPY	 26/11/16
2) P. SRINIVASARAGHAVAN AEG TVSM	
3) ABHISEKH JAIN (HONEYWELL)	
4) T. K. RADHAKRISHNAN, NIT, TRICHY	
5) L. JESSI SAHAYA SHANTHI	
6) S. RAJARAM (English)	
7) S. SIVAKUMAR	
8) M. VARATHARAJAN	
9) M. GEETHANJALI.	
10) V. PRAKASH	
11) V. RAMANATHAN	

12.	C. K. BABUJAN	C. K. Babujan
13.	N. Shanmuga Vadivoo	N. Shanmuga Vadivoo
14.	S. LATHA	S. Latha
15.	S. Charles Keji	S. Charles Keji
16.	K. Selvi	K. Selvi
17.	R. Rajan Prakash	R. Rajan Prakash
18.	M. Saravanan	M. Saravanan
19.	V. Suresh Kumar	V. Suresh Kumar
20.	V. SARAVANAN	V. Saravanan
21.	P. S. MANOHARAN	P. S. Manoharan
22.	J. S. Boopathi Manielcum	J. S. Boopathi Manielcum
23.	D. Kanithan	D. Kanithan

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MINUTES OF THE MEETING

Date of the meeting: Saturday, 26th November 2016

Name of the meeting: BOS -UG (EEE)

Attended by: External Expert members of EEE BOS (UG(EEE) & PG (C&I)) and All Internal EEE faculty, Dr.Boopathi Manickam, Dr.S.Rajaram

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	HoD welcomed all BOS Members and presented Agenda of the meeting, Vision, Mission, PEOs and POs of EEE programme at 10.30 A.M	<ul style="list-style-type: none"> To scrutinize and pass the curriculum and syllabi based on OBE for VI, VII and VIII semester core and elective courses in B.E:EEE Degree programme (2014-15 batch); (Including General electives and TVS Electives); To review the categorization of courses for CBCS - B.E:EEE Degree programme and pass the curriculum and syllabi for 15EE520 – Power Electronics (2015-16 batch); To scrutinize and pass the curriculum and syllabi for CBCS - B.E:EEE Degree programme for the following courses (2016-17 batch); <ol style="list-style-type: none"> 16EE250 – Electronic Devices and Circuits 16EE320 – Linear Integrated Circuits 16EE330- DC Machines and Transformers 16ES370 – C and C++ Programming 16EE280 – Electronic Devices and Circuits Lab 16EE390 – Integrated circuits Lab 16EE440 – AC Machines 	Respective course designers and expert members	26 th November 2016
2.	Agenda – I Dr.S.Rajaram presented 14EE670- Professional communication.	Members review the the CO-PO mapping. In CO-PO mapping, PO8, PO11 and PO12 may be mapped.	Dr. S.Rajaram	02.12.2016
3.	Dr. Boopathi Manickam presented 14EE610 - Accounting and Finance	<ul style="list-style-type: none"> It is found that CO-PO mapping is missing. New Books may be included Introduction to ERP tools may be included 	Dr. Boopathi Manickam	02.12.2016

PTO (76)

4.	Dr. V. Suresh Kumar presented 14EE620 - Power Electronics	<ul style="list-style-type: none"> • Case study related to EEE may be given • Assessment questions to be included for CO5 CO6 can be mapped to PO12 • Mr. Srinivasa Raghavan wanted to include more outcome based topics including device packages, drivers etc. • Members need to promote product based learning and according changes in the content 	Dr. V. Suresh Kumar	02.12.2016
5.	Dr. V. Suresh Kumar presented 14EE690- Power Electronics and Drives lab	<ul style="list-style-type: none"> • Experiment on driver circuit may be added 	Dr. V. Suresh Kumar	02.12.2016
6.	Dr. N. Shanmuga Vadivoo presented 14EE630- Transmission and Distribution	<ul style="list-style-type: none"> • Recent edition books need to be included • Dr. Elan seralathan suggested IIT professor book 	Dr. N. Shanmuga Vadivoo	02.12.2016
7.	Dr. C. K. Babulal presented 14EPPB0/15EE620 Power system Analysis It is made compulsory elective for 2014-15 OBE batch students and made core for students batch 2015-16 onwards.	<ul style="list-style-type: none"> • Text book order may be rearranged 	Dr. C. K. Babulal	02.12.2016
8.	Dr. C. K. Babulal presented 14EE680 - Power systems Laboratory	<ul style="list-style-type: none"> • Dr. Prakash suggested not to mention the software name like 'MATLAB' in the syllabus since for implementation students may use any software. Dr. S. Baskar justified that the syllabus content should be clear stating the software to be used. • Power world simulator may be included 	Dr. C. K. Babulal	02.12.2016
9.	Prof. S. Sivakumar presented 14EE710 - Project Management	<ul style="list-style-type: none"> • Dr. Elan seralathan asks for the opportunity to include case studies on new start-ups. • As this course is offered as general elective for previous batch students, the contents may be compared. • Real time application of the course in final year projects should be measured by suitable rubrics • Assignments for real implementation may be given • All members approved the syllabus 	Prof. S. Sivakumar	02.12.2016
10.	Dr. S. Arockia Edwin Xavier presented 14EE720 - Drives and			02.12.2016

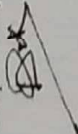
11.	control Dr.V.Prakash presented 14EE730-Industrial Automation	presented	14EE730-	<ul style="list-style-type: none"> Mr.Srinivasa Raghavan commented the syllabus as vast and all members agree to him Final outcome of this course should be a product. Books required to re visit The content may be coordinated with Mechanical department 	Dr.V.Prakash	02.12.2016
12.	Mr.M.Varatharajan presented 14EE780- Automation Lab	presented	14EE780-	<ul style="list-style-type: none"> Target level need to be revised Specific product name need not to be specified 	Mr.M.Varatharajan	02.12.2016
13.	Mr.P.Vairaprakash presented 14EPA0 -Modelling of Electrical Machines	presented	14EPA0	<ul style="list-style-type: none"> Recent books need to be included Dr.Elan seralathan pointed out basic contents in the first chapter and may be removed Simulations may be included in assignments All members approved the syllabus 	Mr.P.Vairaprakash	02.12.2016
14.	Dr.S.Charles Raja presented 14EPPD0-Smart grid	presented	14EPPD0-	<ul style="list-style-type: none"> Power system analysis may be made as pre requisite 	Dr.V.Ramanathan	02.12.2016
15.	Dr.V.Ramanathan presented 14EPE0- Power system operation and control	presented	14EPE0-	<ul style="list-style-type: none"> Books may be revisited. 	Dr.V.Ramanathan	02.12.2016
16.	Dr.V.Ramanathan presented 14EPPF0-Power system stability	presented	14EPPF0-	<ul style="list-style-type: none"> It is suggested to move as a core course instead of Elective 	Dr.V.Ramanathan	02.12.2016
17.	Dr.K.Sc'vi presented 14EPPG0 - Switchgear and Protection	presented	14EPPG0-	<ul style="list-style-type: none"> It is suggested to co-ordinate with ECE department Common syllabus across different disciplines can be adopted. Product level output is expected. Labview/ Matlab based practical applications in EEE domain may be given 	Dr.R.Helen	02.12.2016
18.	Dr.R.Helen presented 14EPPJ0-FPGA based system design	presented	14EPPJ0-	<ul style="list-style-type: none"> Mr.Abisekh jain informed about the brainwave technology and may be included in the syllabus All members approved the syllabus 	Dr.R.Helen	02.12.2016
19.	Dr.R.Helen presented 14EPL0-Biomedical Instrumentation	presented	14EPL0-	<ul style="list-style-type: none"> The difference between RTOS from conventional OS should be clearly addressed. More contents are related to Embedded system design Hands on may be included to understand the syntaxes 	Dr.P.S.Manoharan	02.12.2016
20.	Dr.P.S.Manoharan presented 14EPPK0-Digital signal processor	presented	14EPPK0-		Dr.P.S.Manoharan	02.12.2016
21.	Dr.P.S.Manoharan presented 14EPPM0-Real time operating systems	presented	14EPPM0-		Dr.P.S.Manoharan	02.12.2016

22.	Dr.L.Jessi Sahaya Shanti presented 14EEPZ0- Special Machines and Drives	<ul style="list-style-type: none"> • More lab oriented applications should be included • May be converted as integrated course as more hands on is required 	Dr.L.Jessi Sahaya Shanti	02.12.2016
23.	Dr.V.Saravanan presented 14EERC0- Principles of energy conservation	<ul style="list-style-type: none"> • Case studies/ Actual testing may be given as assignments • Conservation at home level has to be insisted 	Dr.V.Saravanan	02.12.2016
24.	Dr.N.Shanmuga Vadivoo presented 14EERD0- Operation and maintenance	<ul style="list-style-type: none"> • The action verb in CO needs to be revisited. • The word 'equipment' it to be used instead of using 'equipments' 	Dr.N.Shanmuga Vadivoo	02.12.2016
25.	Dr.B.Ashok Kumar presented 14EERF0- Industrial instrumentation	<ul style="list-style-type: none"> • All members commented on the vast syllabus • Some contents which is not widely used may be removed • Full syllabus needs to be revisited. 	Dr.B.Ashok Kumar	02.12.2016
26.	Mr.M.Varatharajan presented 14EERE0- Autonomous vehicles	<ul style="list-style-type: none"> • Content related to course may be added 	Mr.M.Varatharajan	02.12.2016
27.	Dr.G.Sivasankar presented 14EEPV0- FACTS and custom power devices	<ul style="list-style-type: none"> • Year of edition of the book should be clear • Third internal marks need to be included in the assessment pattern table. 	Dr.G.Sivasankar	02.12.2016
28.	Dr.G.Sivasankar presented 14EEPV0- Power quality	<ul style="list-style-type: none"> • Pre-requisite code needs to be revisited • CO3 and CO4 are same. • Change in the words related to power factor • Power system operation and control is not required as pre requisite of this course • Electrical Power quality may be renamed as power quality. • Same problem may be given for assignments and the performance of fuzzy, neural and GA may be found out for the same problem. 	Dr.G.Sivasankar	02.12.2016
29.	Dr.S.Baskar presented 14EEPS0- Softcomputing			
30.	Agenda -II HOD explained the categorization of courses for CBCS - B.E.EEE Degree programme for the students admitted in 2015-16 batch.	<ul style="list-style-type: none"> • Power devices and power electronics courses offered for OBE batch (2014-15) is merged to form one course 15EE520- Power Electronics. The slot obtained is filled with 'power system analysis' which is previously elective course for OBE batch 	Dr.S.Baskar	02.12.2016
31.	Dr.G.Sivasankar presented 15EE520 - Power electronics	<ul style="list-style-type: none"> • All members approved the syllabus 		
32.	Agenda -III HOD explained the categorization	<ul style="list-style-type: none"> • Based on the students review and faculty reflection, the analog devices and circuits in II semester is enlit... 		02.12.2016

	of courses for CBCS - B.E.EEE Degree programme for the students admitted in 2016-17 batch.	<p>2016-17 batch as</p> <ol style="list-style-type: none"> 1. 16EE250 – Electronic Devices and Circuits 2. 16EE320 – Linear Integrated Circuits <p>Accordingly, analog devices and circuits lab and digital systems lab are revisited to form the following courses</p> <ol style="list-style-type: none"> 3. 16EE280 – Electronic Devices and Circuits Lab 4. 16EE390 – Integrated circuits Lab <p>DC machines , Transformers are merged to form single course.</p> <p>Design portions are removed.</p> <ol style="list-style-type: none"> 5. 16EE330- DC Machines and Transformers 6. 16EE440 – AC Machines <p>Previously problem solving by computers is now changed to</p> <ol style="list-style-type: none"> 7. 16ES370 – C and C++ Programming 	Dr.M.Saravanan
33.	Dr.M.Saravanan presented 16EE250 - Electronics circuits and devices	<ul style="list-style-type: none"> • ICs may be removed • Voltage regulator may be removed and correspondingly CO needs to be changed • Third internal test may be given in assessment table instead of mentioning separately 	Dr.M.Saravanan
34.	Dr.M.Saravanan presented 16EE280 - Electronics circuits and devices lab	<ul style="list-style-type: none"> • Voltage regulator experiment may be removed and correspondingly CO needs to be changed • New books are suggested by members 	Dr.M.Saravanan
35.	Dr.S.Arockia Edwin Xavier presented 16EE320- LIC	All members approved the syllabus	Dr.C.K.Babulal
36.	Dr.S.Arockia Edwin Xavier presented 16EE390 -LJC lab		
37.	Dr.C.K.Babulal presented 16ES370 - C & C++ Programming	<ul style="list-style-type: none"> • More hands on need to be included • May be integrated course • Debugging needs to be addressed. • Practical session is must 	Dr.P.Renuga
38.	Dr.P.Renuga presented 16EE330- DC machines and transformers	Conversion of 3 phase to 2 phase by Scot should be included	Dr.S.Latha
39.	Dr.S.Latha presented 16EE440-AC machines	Three internal tests are required	Dr.S.Baskar
40.	Dr.S.Baskar presented Capstone – I and Capstone –II courses	Syllabus may be cross checked with GATE syllabus and other competitive exam syllabuses	

		<ul style="list-style-type: none"> • For capstone – II course the comprehension exam may be conducted for courses from 4th to 6th semesters. • Members informed that they don't require hard copy and instead soft copy may be sent to them prior to the BOS meeting. • All the course designers are instructed to incorporate all the suggestions given by the experts and submit the final syllabus to HoD email id for submitting to Academic Council. 		
41.	Hard copy to be sent to BOS members			
42.	HoD thanked all the members for their active participation and constructive suggestions.			

Prepared by P. KAVITHA Date 28.11.16 Approved by C. D. BANERJEE 28/11/16



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MINUTES OF THE MEETING

Date of the meeting: Saturday, 26th November 2016
 Name of the meeting: BOS -PG (C&I)
 Attended by: External Expert members of EEE BOS (UG(EEE) & PG (C&I)) and All Internal EEE faculty

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	HoD welcomed all BOS Members and presented Agenda of the meeting, Vision and mission of the department, PEOs and POs of M.Tech C&I programme at 10 A.M	To review the OBE implementation – Reframe of Course outcomes and CO-PO Mapping along with the expected proficiency level and attainment of COs for M.Tech(C&I) programme.	HOD	
2.	Dr.S.Baskar, HOD/EEE overiewed about expected proficiency and expected attainment level. He also briefed how the index is fixed based on the past three year results for old courses.	Members suggested to merge the column for expected proficiency and attainment level as one index is calculated and used for all COs of the particular course	Programme coordinator	26 th November 2016
3.	Hard copy to be sent to BOS members	Members informed that they don't require hard copy and instead soft copy may be sent to them prior to the BOS meeting.		
4.	HoD thanked all the members for their active participation and constructive suggestions.	All the course designers are instructed to incorporate the suggestions given by the experts and submit the final syllabus to HoD email id for submitting to Academic Council.		

Prepared by **D. KAVITHA** Date. **27-11-16**.. Approved by **D. KAVITHA** Date. **28-11-2016**

(Signature)