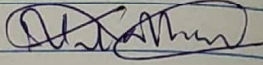
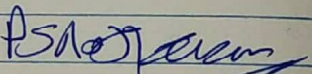
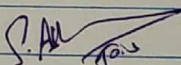

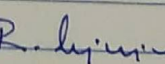



EEE - Dept. Seminar Hall (BOS)

BOS Meeting

Minutes of Board of Studies (U.G./PG) Towards
Approval of the call (U.G./PG) held on 04/11/2017
Saturday EEE-Dept Seminar Hall at 10 AM.

Name - Member Present	Signature
1) Dr. Elan Seralathan, Puducherry	
2) Dr. Sishaj Simon - Trichy	S.S.
3) Dr. J. Prakash - Chennai	Not attended Meeting (BOS)
4) Prof. P. Srinivasa Rajaram - Hosur.	
5) Dr. P. Prem Kumar - Bangalore	P. Prem Kumar.
6) Dr. S. Abhishek Jais - Madurai	
7) Dr. N. Theivarajam - Chennai	
8) Dr. S. Baskar. TCE.	S. Baskar
9) R. Suganya - TCE	R.S.
10) R. Medeswaran - TCE	Medeswaran
11) R. Rajan Prakash	R. Rajan Prakash
12) G. SIVASANKAR	
13) N. Kiamaraj	N. Kiamaraj

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			Date	14-06-2004
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MINUTES OF THE MEETING

Date of the meeting: Saturday, 4th November 2017
 Name of the meeting: BOS -UG (B.E EEE) & PG (M.Tech C&I, M.E PSE)
 Attended by: External Expert members of EEE BOS (UG/EEE) & PG (C&I, PSE)) and Internal EEE faculty

S.No.	Points discussed	Action Plan	Responsibility	Target date																								
1.	<p>HoD welcomed all BOS Members and presented Agenda of the meeting, Vision, Mission of the department, PEOS and POs of UG (B.E EEE) & PG (M.Tech C&I, M.E PSE) programmes.</p> <p>HoD summarizes the various activities of the department since last Board of Studies meeting held on 26.11.2016</p> <p>A) Dr.Simon discusses the usage of TEQIP fund to students for GATE exam registration.</p> <p>B) Mr.Srinivasa Raghavan pointed out less number of placement in core companies.</p>	<p>1. To scrutinize and approve the syllabi for the following elective courses of B.E:EEE Degree programme for the students admitted from the year 2014-15;</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>S.No.</th> <th>Course Code</th> <th>Course Title</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>14EEPW0</td> <td>HVDC Transmission</td> <td>3</td> </tr> <tr> <td>2.</td> <td>14EERA0</td> <td>Power Electronics for Renewable Energy Systems</td> <td>3</td> </tr> <tr> <td>3.</td> <td>14EERB0</td> <td>Simulation of Power Electronic Systems</td> <td>3</td> </tr> <tr> <td>4.</td> <td>14EEPU0</td> <td>Data Structures</td> <td>3</td> </tr> <tr> <td>5.</td> <td>14EERG0</td> <td>Electrical Machine Design (for students admitted from 2016-17)</td> <td>3</td> </tr> </tbody> </table> <p>2. To scrutinize and approve the syllabi for One credit courses - (i)IoT and (ii) Industrial Drives and Automation</p> <p>3. To scrutinize and approve the categorization of courses for CBCS - B.E.EEE Degree programme for the students admitted in the year 2015-16.</p> <p>4. To scrutinize and approve the categorization of courses for CBCS - B.E.EEE Degree programme for the students admitted from the year 2016-17 onwards revisiting the pre-requisites.</p> <p>5. Approval of Online courses for Skill/Proficiency based courses of B.E (Electrical and Electronics) programme for students admitted from the year 2015-16 onwards.</p> <p>6. To revise the Bloom's assessment pattern for all the UG courses based on the amendments in CBCS regulation and continuous assessment tests approved in</p>	S.No.	Course Code	Course Title	Credits	1.	14EEPW0	HVDC Transmission	3	2.	14EERA0	Power Electronics for Renewable Energy Systems	3	3.	14EERB0	Simulation of Power Electronic Systems	3	4.	14EEPU0	Data Structures	3	5.	14EERG0	Electrical Machine Design (for students admitted from 2016-17)	3	HOD	
S.No.	Course Code	Course Title	Credits																									
1.	14EEPW0	HVDC Transmission	3																									
2.	14EERA0	Power Electronics for Renewable Energy Systems	3																									
3.	14EERB0	Simulation of Power Electronic Systems	3																									
4.	14EEPU0	Data Structures	3																									
5.	14EERG0	Electrical Machine Design (for students admitted from 2016-17)	3																									

		<p>the 54th Academic Council meeting conducted on 17.06.2017.</p> <p>7. To revise the Bloom's assessment pattern for all the PG courses (M.E(PSE)/M.Tech(C&I)) based on the amendments in CBCS regulation and continuous assessment tests approved in the 54th Academic Council meeting conducted on 17.06.2017.</p> <p>8. To approve Programme Specific Outcomes (PSO) statements - for B.E (Electrical and Electronics) programme and attainment level for Program Outcomes (POs) and Program Specific Outcomes (PSOs)</p> <p>9. Mapping of Course Outcomes (CO) to Programme Specific Outcomes (PSO) for all courses for B.E (Electrical and Electronics) programme.</p> <p>10. Expected Proficiency level and Expected Attainment Level of Course Outcomes for all courses for B.E (Electrical and Electronics) programme.</p> <ul style="list-style-type: none"> Members wanted to include more examples and some advanced topic may be included Support from industry may be obtained to run the course Mr.Theivarajan informed about more materials Mr.Abhishek informed to add house-hold applications. The applications may be both industrial and domestic. Members suggested of doing real time photovoltaic projects for small/ large scale applications More number of Power electronic packages may be included Open source packages may be given Comparison of packages may be included Thermal management of Power electronics circuits may be analyzed. Dr.Elan Seralathan suggested to include design and selection of insulation materials with reference to voltage level Basic information about mechanical design may be provided. Standards may be included. Members suggested to provide content regarding elements of IoT that are interconnected. Low Power hardware /Processors details may be included Most of the content resembles microelectronics. Hence interconnection through devices may given priority Members pointed out the new standard for Industrial IoT Industry 4.0 can be included Content should not be specific to particular drive. The categorization is in accordance with the CBCS regulation with mandatory 		
2.	Agenda - I Mr.Prasanna, AP/CSE presented 14EEP10 -Data structures		Mr.Prasanna	10.11.2017
3.	Dr. G.Sivasankar presented 14EEPW0 - HVDC		Dr. G.Sivasankar	10.11.2017
4.	Dr. G.Sivasankar presented 14EERA0 - Power Electronics for Renewable Energy Systems		Dr. G.Sivasankar	10.11.2017
5.	Dr.L.Jessi Sahaya Shanti presented 14ERB0- Simulation of Power Electronic Systems		Dr.L.Jessi Sahaya Shanti	10.11.2017
6.	Dr.S.Latha presented 14ERG0 - Electrical Machine design.		Dr.S.Latha	10.11.2017
7.	Agenda - II Dr.M.Saravanan presented one credit course - IoT		Dr.M.S	10.11.2017
8.	Dr. G.Sivasankar presented Industrial Drives and Automation		Dr.BAK	10.11.2017
9.	Agenda - III		Faculty of EEE	10.11.2017

	HoD, Dr.S.Baskar explained the categorization of courses for CBCS - B.E.EEE Degree programme for the students admitted in 2015-16 batch.	core courses.		
10.	Agenda - IV HoD, Dr.S.Baskar explained the categorization of courses for CBCS - B.E.EEE Degree programme for the students admitted in 2016-17 batch onwards.	<ul style="list-style-type: none"> The categorization is in accordance with the CBCS regulation with mandatory core courses. Mathematics - IV is included as pre-requisite for courses 'Control System Design and Digital signal processing'. 	Faculty of EEE	10.11.2017
11.	Agenda - V HoD, Dr.S.Baskar presented the Bloom's assessment pattern for all the UG courses	<ul style="list-style-type: none"> Revision of assessment pattern of all B.E. EEE courses based on the amendments in CBCS regulation and continuous assessment tests approved in the 54th Academic Council meeting conducted on 17.06.2017. 	Faculty of EEE	10.11.2017
12.	Agenda - VI HoD, Dr.S.Baskar presented the Bloom's assessment pattern for all the PG courses	<ul style="list-style-type: none"> Revision of assessment pattern of all M.E (PSE) and M.Tech (C&I) courses based on the amendments in CBCS regulation and continuous assessment tests approved in the 54th Academic Council meeting conducted on 17.06.2017. 	Faculty of EEE	10.11.2017
13.	Agenda - VII HoD, Dr.S.Baskar presented the list of MOOCs (Massive Online open courses) for Skill/Proficiency based courses of B.E (Electrical and Electronics) programme for students admitted from the year 2015-16 onwards.	<ul style="list-style-type: none"> Members suggested to allow students to take technical / non technical skill based courses to earn credits. One credit = 12 hours of online activity. 	Faculty of EEE	10.11.2017
14.	Agenda - VIII HoD, Dr.S.Baskar presented Programme Specific Outcomes (PSO) statements - for B.E (Electrical and Electronics) programme and attainment level for Program Outcomes (POs) and Program Specific Outcomes (PSOs)	<ul style="list-style-type: none"> Members advised to select words/statements carefully. Mr.Srinivasa Raghavan asked for the methodologies followed to study the effectiveness of new teaching - learning methods used. 	Faculty of EEE	10.11.2017
15.	Agenda - IX HoD, Dr.S.Baskar presented Mapping of refined Course Outcomes (CO) to Programme Specific Outcomes (PSO) and Program Outcomes (POs) for all	<ul style="list-style-type: none"> Program articulation matrix is fixed. Mapping of various course outcomes with PSOs need to be refined. 	Faculty of EEE	10.11.2017

	courses for B.E (Electrical and Electronics) programme.			
16.	Agenda - X HoD, Dr.S.Baskar presented Expected Proficiency level and Expected Attainment Level of Course Outcomes for all courses for B.E (Electrical and Electronics) programme.	<ul style="list-style-type: none"> The level is fixed based on the result analysis of the last three year records. 	Faculty of EEE	10.11.2017
17.	Open Discussion other than agenda	<ul style="list-style-type: none"> Members informed that they don't require hard copy and instead soft copy may be sent to them prior to the BOS meeting. HoD asked for the provision of in-plant training and internships programs for EEE students from members Mr.Srinivasa Raghavan informed that all the relevant documents may be sent in prior to enable them to attend meeting with prepared suggestions and advised not to add any new courses on the fly. Suitable strategy should be devised for facilitating core placements. Alumnus bodies should be connected to department. Students should be trained with skill set required by core companies and staff competency need to be improved through industry interactions. 		
18.	HoD thanked all the members for their active participation and constructive suggestions.	<ul style="list-style-type: none"> 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. 	Course designers	10.11.17

Prepared by: D. KAVITHA, Date: 06.11.17

D. Kavitha

Approved by: *S. Baskar*

Date: 06.11.17

5)	B. Ashok kumar	B.A.S.
6)	D. Kantha	D. K.
7)	K. Selvi	K. Selvi
10)	Dr. V. SARAVANAN	V. Sar
12)	Dr. P. Venkatesh	P. Ven
20)	Dr. C. K. Babulal	C. K. Babulal
21)	S. PRASANNA.	S. Pr
22)	Dr. S. Charles Riji	S. Charles Riji
23)	Dr. S. LATISA	S. Latisa
23)		
24)	S. SWARNANAR	S. Swarnanar
25)	P. S. MANOHARAN	P. S. Man
26)	M. VARATHARAJAN	M. Var
27)	V. PRAKASH	V. Prakash
28)	V. Suresh Kumar	V. Suresh Kumar
28)	L. JESSI SAHAYA SHANTHI	L. Jessi Sahaya Shanthi
30)	N. SHANMUGA VADIVOD	N. Shanmuga Vadivod
31)	R. Helen	R. Helen

31)

Dr. P. Ranga

P. Ranga

32)

Dr. M. Saravani

M. Saravani

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EEE-Department (Seminar Hall) B.O.S.

Minutes of Board of Studies (V.G/PG) towards
Approval of the all (V.G/PG) held on 14/07/2018
at 10 AM - Saturday (EEE-Dept-Seminar Hall)

Name - Member Present	Signature
1) Dr. R. Ganapadas, Biduchery	R. Gan
2) Dr. J. Prakash, Chennai	J. Prakash
3) M. P. Srinivasa Raghavan, Hosur	P. Srinivasan
4) Dr. V. Chandra Selar, Thiruvananthapuram	V. Chandra Selar
5) Dr. P. Prem Kumar, Bangalore	P. Prem Kumar
6) Dr. Sishaj. P. Simm-Tricity	Sishaj
7) Dr. S. Bastar	S. Bastar
8) Dr. M. Geethanjali	M. Geethanjali
9) M. Varatharajan	M. Varatharajan
10) V. Prakash	Prakash, V.
11) S. Surendhar	S. Surendhar
12) K. Medeswaran	K. Medeswaran
13) M. Kameswari	M. Kameswari
14) G. SIVASANKAR	G. Sivasankar



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MINUTES OF THE MEETING

Date of the meeting: Saturday, 14th July 2018
 Name of the meeting: BOS -UG (B.E.EEE) & PG (M.Tech C&I, M.E.PSE)
 Attended by: External Expert members of EEE BOS (UG(EEE) & PG (C&I, PSE)) Dr. R. Gnanadass, Dr. Sishaj P Simon, Dr. J. Prakash, Mr. P. Srinivasa Raghavan, Dr. V. Chandrasekar, Dr. P. Premkumar and Internal EEE faculty

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	<p>HoD welcomed all BOS Members and presented Agenda of the meeting, Vision, Mission of the department, PEOs and POs of UG (B.E. EEE) & PG (M.Tech C&I, M.E.PSE) programmes.</p> <p>HoD summarizes the various activities of the department since last Board of Studies meeting held on 04.11.2017</p>	<ol style="list-style-type: none"> To scrutinize and approve the syllabi for the core and elective courses of M.E.Power Systems Degree programme for the students admitted from the year 2018-19; To scrutinize and approve the syllabi for the core and elective courses of M.E. Control and Instrumentation Degree programme for the students admitted from the year 2018-19; To scrutinize and approve one credit courses 14EE1W0 - Python for Electrical Engineers and 14EE1V0- Embedded Solutions - A system Perspective. To scrutinize and approve the categorization and Scheduling of courses for B.E.EEE Degree programme for the students admitted from the year 2018-19 onwards; 	HOD	
2.	<p>Agenda - 1</p> <p>Dr.Kameshwari of Maths department presented 18PS110- Applied Mathematics for Power Engineers and 18CI110 - Applied Mathematics for Control Engineers.</p>	<ul style="list-style-type: none"> Members wanted to include non linear algebraic equations and optimization. The students might have already studied Numerical methods in their UG and that portion may be removed. 	Dr.Kameshwari	17.07.2017
3.	<p>Dr. CKB presented the following courses 18PS120- Power System Dynamics and Stability 18PS170- Power Engineering Laboratory</p>	<ul style="list-style-type: none"> Time domain analysis/stability analysis may be included. Synchro phase technology may be introduced. 	Dr. CKB	17.07.2017

4.	Dr. VS discussed 18PS130 - Design of renewable energy system	Dr. VS	17.07.2017
5.	Dr.PV presented the following courses: 18PS160 - Analysis of modern power systems 18PS210- Power System Security and control	Dr.PV	17.07.2017
6.	Dr.MG presented 18PS260- Power system Protection	Dr. MG	17.07.2017
7.	Dr. SCR presented 18PSPB0- Smart grid	Dr.SCR	17.07.2017
8.	Dr.MS discussed 18PSPC0- Power Converters for Power System Applications	Dr.MS	17.07.2017
9.	Dr.SB presented 18PSPA0/18CI120 - Systems Theory	Dr.SB	17.07.2017
10.	Agenda - II Prof M.Varatharajan presented the following syllabus: 18CI130 - Process Control 18CI170 - Control and Instrumentation Laboratory 18CI270 - Control and Automation Laboratory 18CI210 - Industrial Automation 18CI260 - Digital Control system Design	Prof MV	17.07.2017
11.	DR.VP presented 18CI160 - Transducers Engineering 18CIPA0 - Industrial Instrumentation	Dr.VP	17.07.2017
12.	Dr.MS presented 18CIPB0 - Embedded System Design	Dr.MS	17.07.2017
13.	Agenda - III Syllabuses of Two one credit courses	Dr.DK	17.07.2017

T14EE1W0 - Python for Electrical Engineers and 14EE1V0- Embedded Solutions - A system Perspective are presented by Dr.MS and Dr.RRP respectively.			
14. Agenda - IV HoD, Dr.S.Baskar explained the categorization and scheduling of courses for CBCS - B.E.EEE Degree programme for the students admitted in 2018-19 batch.		HOD	17.07.2017
15. Discussion other than agenda	<ul style="list-style-type: none"> 'DSP' course may be offered as elective and 'Signals and systems' can be provided as core course 	HOD	17.07.2017
16. HoD thanked all the members for their active participation and constructive suggestions.			

Prepared by Dr.D.Kavitha Date 16.07.18 Approved by M. Suresh Date 18/7/18
 f HDIE

15)	Dr. P. KAVITHA	Dr. K
16)	R. Suganya S	RSF
17)	S. Charles Reji	Cherj
18)	V. Seetharaman	FFV
19)	S. LATHA	S. Latha
20)	V. Suresh Kumar	U. S. V
21)	V. Mahesh	M. V
22)	R. HELEN	Helen
23)	L. JESSI SAITHAYA SHAMTHI	Jm
24)	M. Saravanan	M. Sman
25)	P. Venkatesh	P. Venkatesh
26)	C. K. Bahad	C. K. Bahad
27)	V. SARAVANAN	V. Saravanan
28)	R. PAVAN PRAKASH	R. Pavan
29)	N. Shanmuga Vadiva	N. Shanmuga Vadiva