



Management Review System Formats

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MINUTES OF THE MEETING

Date of the meeting: Saturday, 08th December 2018

Name of the meeting: BOS -UG (B.E.EEE) & PG (M.Tech C&I, M.E PSE)

Attended by: External Expert members Mr. P.Sinivasa Raghavan, Dr.Elan Seralathan, Dr. Sishaj P Simon, Dr. J. Prakash and 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, Mission of the department, PEOs and POs of UG (B.E.EEE) programme. HoD summarizes the various activities of the department since last Board of Studies meeting held on 14.07.2018	1. 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; 2. To scrutinize and approve the syllabi of second semester courses for B.E.EEE Degree programme for the students admitted from the year 2018-19 onwards;	HOD	
2.	Agenda – I EEE HOD Dr.S.Baskar explained the CDIO framework and discussed categorization and Scheduling of courses for B.E.EEE Degree programme for the students admitted from the year 2018-19 onwards	<ul style="list-style-type: none">Dr.Elan seralathan suggested to schedule Power electronics lab in 5th or 6th semester.Members emphasize the importance of Signals and Systems and scheduling of it in earlier semesters.	HOD	14.12.18
3.	Agenda – II Dr.A.L.Subramaniam presented syllabus for 18ee220- Materials Science For Electrical Engineers	Standards may be included	DR.ALS	14.12.18
4.	Dr.CKB discussed 18EE230- Electric Circuit Analysis.	<ul style="list-style-type: none">Members asked to verify the content with GATE syllabus	Dr.CKB	14.12.18
5.	DR.VP presented syllabus for 18EE240- Electromagnetic fields	Members wanted to focus the course towards application and designers are requested to remove topics discussed in first semester	Dr.VP	14.12.18
6.	Dr.SAEX discussed 18EE250- Electronic Devices and Circuits and 18EE270- Electronic Devices and	<ul style="list-style-type: none">For laboratory course, applications such as UJT relaxation oscillator, Opto devices may be included. All	Dr.SAEX	14.12.18

	Circuits Lab	the practical experiments should be analyzed through suitable software in parallel. Study of power dissipation and effect of temperature shall be included		
7.	Dr.VS presented 18ES280- Workshop	Study of tolerance value may be done	Dr.VS	14.12.18
8.	Dr.SB presented 18ES290 - Lateral thinking	Mr.Sinivasaraghavan suggested to allot similar course on 'problem solving'	HOD	
9.	HoD thanked all the members for their active participation and constructive suggestions.			

Prepared by Dr.D.Kavitha Date 11.12.18 Approved by D. Banerjee Date... 17/12/18



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MINUTES OF THE MEETING

Date of the meeting: Saturday, 08th December 2018

Name of the meeting: BOS - PG (M.Tech C&I, M.E PSE)

Attended by: External Expert members Dr. Sishaj P Simon, Dr. J. Prakash, Mr. P.Sinivasa Raghavan, Dr.Elan Seralathan and 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, Mission of the department, PEOs and POs of PG (M.Tech C&I, M.E PSE) programmes. HoD summarizes the various activities of the department since last Board of Studies meeting held on 14.07.2018	1. To scrutinize and approve the syllabi for the elective courses of M.E.Power Systems programme for the students admitted from the year 2018-19; 2. To scrutinize and approve the syllabi for the elective courses of M.E. Control and Instrumentation programme for the students admitted from the year 2018-19;	HOD	
2.	Agenda – I - Presentation of PSE elective syllabus Dr. CKB presented 18PSPD0 - Power System Voltage Stability	Syllabus is approved without modifications.	-	14.12.18
3.	Dr.RRP presented the following courses 18PSPE0- Electrical Transients in Power system 18PSPP0 - HVDC Transmission	Syllabus is approved.	-	14.12.18
4.	Dr.NSV presented the following courses 18PSPF0 - Design of Power Distribution systems 18PSPG0 - Distributed Generation Systems	Syllabus is approved. Standards governing the distributed generation & its integration to grid can be touched upon in the DGS syllabus (IEEE & IEC)	Dr.NSV	14.12.18
5.	Dr.SL discussed 18PSPH0 - Flexible AC Transmission	Syllabus is approved.	Dr.SL	14.12.18

	Systems			
6.	Dr. SCR presented 18PSPM0- Power System Reliability	Syllabus is approved.	-	14.12.18
7.	Dr.VS discussed 18PSPJ0 - Energy Conservation and Management	Energy Audit case studies can be done in joint with TNEB. Conventional AC system and LVDC system (48VDC) buildings can be taken as case studies.	Dr.VS	14.12.18
8.	Dr.DK showed 18PSPK0 - Power Quality syllabus for discussion	Shunt Hybrid Active Filters (SHAF), Static Power Balancer (SPB) techniques of the STATCOM and Mitigating Cable capacitance can be included.	Dr. VSK	14.12.18
9.	Dr.MG presented the following courses 18PSPL0 - Power Plant Instrumentation and Control 18PSPR0 - Substation Automation	Latest version of books may be provided.	Dr.MG	14.12.18
10.	Dr.GSS presented 18PSPN0 - SCADA Systems and Applications	No separate course is required. Important concepts may be combined with substation automation course.	Dr.GSS	14.12.18
11.	Dr.SB presented 18PSPQ0 - Soft Computing Techniques	Introduction to other learning methods may be given.	Dr.SB	14.12.18
12.	Dr.SAEX presented 18PSPS0 - Electric and Hybrid Vehicles	State of Charging and its estimation, fast charging schemes may be included. x-EVs (EV & HEV) in Transportation, power system, Hybrid Energy Storage Systems may also be included.	Dr.SAEX	14.12.18
13.	Agenda II - Presentation of PSE elective syllabus Mr.MV presented 18CIPC0 - Adaptive Control	Syllabus is approved.	-	14.12.18
14.	Mr.MV 18CIPD0 - System Identification	Relay feedback identification can be renamed as closed loop identification	Mr.MV	14.12.18
15.	Mr.SS 18CIPE0- Non linear control	Chaos and bifurcation analysis may be added.	Mr.SS	14.12.18
16.	18CIPF0- Model Predictive control	DMC, GPC, should be explicitly specified. Course first section should contain optimization methods applicable to MPC and segregate control methods to remaining units. New books may be added.	Mr.MV	14.12.18
17.	Mr.MV 18CIPG0- Robotics	Syllabus is approved.	Mr.MV	14.12.18
18.	Dr.SB 18CIPH0- Intelligent Controllers	Introduction to Machine and Deep learning may be included.	Dr.SB	14.12.18
19.	Mr.MV 18CIPJ0- Optimal Control And Filtering	Anna university and MIT syllabus may be referred	Mr.MV	14.12.18

20.	Mr.MV 18CIPK0- Robust Control	All control courses may have practical components	Mr.MV	14.12.18
21.	Mr. MV presented 18CIPL0- State Estimation	Syllabus is approved.	-	14.12.18
22.	18CIPM0- Bio-Medical Instrumentation	All the design topics may be explicitly given in syllabus	Dr.RH	14.12.18
23.	18CIPP0- MEMS	Syllabus is approved.	-	14.12.18
24.	18CIPQ0- Multi sensor data fusion	Syllabus is approved.	Mr.SS	14.12.18
25.	Mr. SS presented 18CIPR0- Advanced Digital Signal Processing	Random sampling may be added	-	14.12.18
26.	18CIPS0- Power Plant Instrumentation and Control	Syllabus is approved.	Mr.SS	14.12.18
27.	18CIPT0- Machine Learning	Reinforcement learning may be included	Dr.PSM	14.12.18
28.	Dr.PSM discussed 18CIPU0- Internet of Things	IP Protocols and network security aspects may be included. IOT architecture may be included.	-	14.12.18
29.	18PS GA0 - Industrial safety - a general elective course is presented.	Syllabus is approved.		
30.	HoD thanked all the members for their active participation and constructive suggestions.			

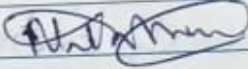
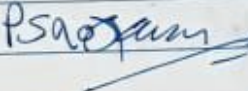
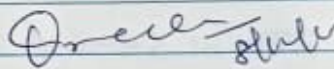

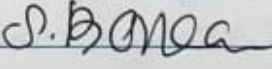
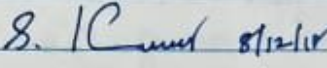

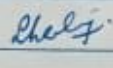
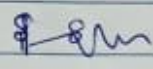
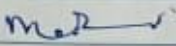
Prepared by Dr.D.Kavitha Date 11.12.18 Approved by *D.Kavitha* Date.....11.12.18

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

Minutes of Board of Studies (UG/PG) towards

Approval of the all (UG/PG) held on 8/12/18
at 9.30 AM Saturday (EEE-Dept. Seminar Hall)

Name-Member Present	Signature
1) Dr. S. Anul Daniel, Prof /EEE, NIT, Trichy	—
2) Dr. K. Elan Seralathan Asso. Prof /EEE, PEC, Puducherry	
3) Mr. P. Sainivasa Raghavan TVS Motor Company Ltd, Hosur.	
4) Er. S. Abhishek Jain, Honeywell Tech solns, Madurai	—
5) Dr. J. Prakash, Prof & Head Dept. of Instrumentation, MIT.	
6) Dr. Sishaj P. Simon AP/EEE NIT, Trichy	
7) DR. S. BASKAR, HOD/EEE, TCE	
8) DR. N. KAMARAJ, DEAN/EEE, TCE	
Dr. P. Venkatesh, Asso Prof /EEE, TCE	
10) DR. V. SARAVANAN, Asso Prof /EEE, TCE	 08/12/2018
11) Dr. S. CHARLES RAJA, AP/EEE, TCE	
12) Dr. G. SIVASANKAR AP/EEE, TCE	
13) Dr. Medeswaram.	

14) Dr. V. Mahesh, AP/EEE

[Signature]

15) V. Prakash, AP/EEE

[Signature]

16) Dr. P. Venkatesh
Assoc Prof

[Signature]

17) Dr. A.L. Subramanyam
Asst prof physics

[Signature]

18) M. VARATHARAJAN Asst. Prof. DEEE

[Signature]

19) Dr. M. Saravanan
PFE, TCE

[Signature]

20) Dr. R. HELEN
Asst. Prof. EEE

[Signature]

21) Dr. L. JESSI SATHYASITAMATHI

[Signature]

22) Dr. N. SHANMUGA VADIVOD

[Signature]

23) Dr. S. LATHA

[Signature]

24) Dr. S. Arackia Edwin Xavier

[Signature]

25) Dr. P. S. MANOHARAN

[Signature]

26) Dr. K. Selvi

[Signature]

27) Dr. R. Rajan Prakash

[Signature]

28) Dr. M. GEETHANALI.

[Signature]

S.NO	NAME	SIGNATURE
29	Dr. C.K. Bahad	C.K. Bahad
30	S.SURFANDHAR	Surf
31.	B-Ashok kumar	B.Ashok
32.	V. Suresh Kumar	V. Suresh
33.	S. SIVAKUMAR	Sivakumar.S.
34.	D. KAVITHA	D.Kavitha