



Management Review System Formats

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MINUTES OF THE MEETING

Date of the meeting: Saturday, 20<sup>th</sup> November 2021

Name of the meeting: Board of Studies Meeting -EEE - UG

Attended by:

External Expert members

1. Dr. R. Latha, Associate Professor, Dept. of EEE, PSG College of Technology, Coimbatore (University Nominee)
2. Dr. R. Gnanadass, Professor, Department of Electrical and Electronics Engineering, Pondicherry Engineering College
3. Dr. Sishaj P Simon, Associate Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Trichy
4. Dr.V.Chandrasekar, Joint director, Power Electronics group, CDAC, Vellayambalam, Thiruvananthapuram
5. Dr.P.Prenkumar Lead Engineer, GE Global Research, Bangalore
6. Mr.Abhishek Jain, Technical Lead, Honeywell Technology Solutions, Madurai

Internal Expert members

Dr.C.K.Babulal, Dr.S.Baskar, Dr.N.Kamaraj, Dr.M.Saravanan, Dr.P.Venkatesh, Dr.K.Selvi, Prof.S.Sivakumar, Dr.V.Sureshkumar, Dr.V.Saravanan, Dr.S.Latha, Dr.M.Geethanjali, Dr.N.Shanmugavadivoo, Dr.L.Jessi Sahaya Shanthi, Dr.R.Rajian Prakash, Dr.S.A.E.Xavier, Dr P.S.Manoharan, Dr.R.Helen, Dr.D.Kavitha, Dr.D.N.Jayakumar, Dr.G.Sivasankar, Dr.B.Ashok Kumar, Prof.M.Varatharajan, Prof.G.R.Hemanth, Dr.K.Sharmila Devi

S.No.	Points discussed	Action Plan	Responsibility	Target date						
1.	HOD welcomed all BOS Members. HOD presented Agenda of the meeting, Vision, Mission of the department, PEOs and Pos/ PSOs of UG (B.E EEE) programme after 1 min silence for the demise of the following BOS members. <b>Dr. K. Chandrasekaran,</b> Asst. Professor and Head Department of Electrical and Electronics Engineering National Institute of Technology Puduchery,	To scrutinize and approve the syllabi of the following Engineering Science elective courses of B.E.EEE Degree programme for the students admitted from the year 2021-22 onwards. <table border="1"> <thead> <tr> <th>S.No</th> <th>Course code</th> <th>Course Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18EEEB0</td> <td>Python Programming</td> </tr> </tbody> </table>	S.No	Course code	Course Name	1	18EEEB0	Python Programming	HOD	
S.No	Course code	Course Name								
1	18EEEB0	Python Programming								
		2. To scrutinize and approve the syllabi of the following Industry supported courses for B.E.EEE Degree programme students admitted from the year 2018-19 onwards.								

Karikkal,  
Puducherry  
Mr. P. Siniyasa Raghavan,  
Consultant – AEG Group,  
TVS Motor Company Ltd.,  
Hosur

<p>2. Agenda-I: Dr.DK presented Python Programming course</p>	<table border="1"> <thead> <tr> <th>S.No</th> <th>Code</th> <th>Title of the course</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18EE1F0</td> <td>Industrial Drives and Automation</td> <td>1</td> </tr> <tr> <td>2</td> <td>18EE1G0</td> <td>ASIC Design for UDSM nodes</td> <td>1</td> </tr> <tr> <td>3</td> <td>18EE2H0</td> <td>Energy Storage systems</td> <td>2</td> </tr> <tr> <td>4</td> <td>18EE2J0</td> <td>Solar Photovoltaic Systems</td> <td>2</td> </tr> </tbody> </table>	S.No	Code	Title of the course	Credits	1	18EE1F0	Industrial Drives and Automation	1	2	18EE1G0	ASIC Design for UDSM nodes	1	3	18EE2H0	Energy Storage systems	2	4	18EE2J0	Solar Photovoltaic Systems	2	<p>3. To scrutinize and approve the minor modification in the syllabi of 18EE351 - Signals and Systems for the B.E.EEE students admitted from the year 2021-22 onwards</p> <p>4. Discussion of UG/PG Programme Performance Assessment.</p> <p>5. Discussion on the revamp of syllabus for the academic year 2022-23.</p> <p>Library related to preprocessing and visualizing of data may be included. Google colab may be explored.</p>
S.No	Code	Title of the course	Credits																			
1	18EE1F0	Industrial Drives and Automation	1																			
2	18EE1G0	ASIC Design for UDSM nodes	1																			
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<p>3. Agenda-II: The following courses are presented by Dr.BAK</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Code</th> <th>Title of the course</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18EE1F0</td> <td>Industrial Drives and Automation</td> <td>1</td> </tr> <tr> <td>2</td> <td>18EE2H0</td> <td>Energy Storage systems</td> <td>2</td> </tr> <tr> <td>3</td> <td>18EE2J0</td> <td>Solar Photovoltaic Systems</td> <td>2</td> </tr> </tbody> </table>	S.No	Code	Title of the course	Credits	1	18EE1F0	Industrial Drives and Automation	1	2	18EE2H0	Energy Storage systems	2	3	18EE2J0	Solar Photovoltaic Systems	2	<p>1. Sensors information that are used in control algorithms may be included in drives course. PLC may be touched.</p> <p>2. Hybrid energy storage system may be included along with hybrid source system in the last chapter</p> <p>3. Solar design calculations can be included. Bifacial solar panels may be included</p> <p>4. Experts suggested more references for all the above courses</p>	<p>Dr.PSM, Dr.DK, Prof.MV</p> <p>26.11.2021</p>				
S.No	Code	Title of the course	Credits																			
1	18EE1F0	Industrial Drives and Automation	1																			
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<p>4. Dr.DK presented the following industry supported course</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Code</th> <th>Title of the course</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18EE1G0</td> <td>ASIC Design for UDSM nodes</td> <td>1</td> </tr> </tbody> </table>	S.No	Code	Title of the course	Credits	1	18EE1G0	ASIC Design for UDSM nodes	1	<p>Some illustration videos may be used while delivering content.</p>	<p>-</p>												
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1	18EE1G0	ASIC Design for UDSM nodes	1																			



5.	Agenda-III: 18EE351 - Signals and Systems presented by Dr.RH	Syllabus approved	-	-
6.	Agenda-IV: Discussion of UG/PG Programme Performance Assessment: Dr.SB presented the minutes of PPAC meeting and explained the actions taken accordingly.	Continuous improvement shall be obtained by taking appropriate actions suggested by course handling faculty	Individual faculty	immediate
7.	Agenda-V: Dr.SB explained about the Hons/Minor degree to be introduced. Common grading system will be adopted by all the colleges under the Anna university. Syllabus for UG degree will be revamped during 2022-23.	Suitable electives may be introduced accordingly	HOD	December 2021
8.	Dr.DK thanked all the external expert members joined via google conferencing and internal expert members assembled at Seminar hall.			

The following External members are not able to join the BOS meeting due to preoccupied works.

i. **Dr.S.Arul Daniel**

Professor,  
Department of Electrical and Electronics Engineering,  
National Institute of Technology,  
Trichy - 15

ii. **Dr. K. Elan Seralathan**

Associate Professor,  
Department of Electrical and Electronics Engineering,  
Pondicherry Engineering College,  
Puducherry - 14

iii. **Er. N.Theivarajan,**

Electrical Power Section,  
Power Plant Control Division,  
104 A, Central Design office,  
IGCAR Kalpakkam,  
Chennai 603 102

Prepared by Dr.D.Kavitha Date 23.11.21 Approved by Dr.C.K. Baddial, Date 23.11.21





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1.	HOD welcomed all BOS Members. HOD presented Agenda of the meeting, Vision, Mission of the department, PEOs and POs of PG (Power System) programme after 1 min silence for the demise of the following BOS members. <b>Dr. K. Chandrasekaran,</b> Asst. Professor and Head Department of Electrical and Electronics Engineering	1. To scrutinize and approve the syllabi of the following elective courses of M.E. Power System Engineering Degree programme for the students admitted from the year 2018-19 onwards. <table border="1"><thead><tr><th>S.No</th><th>Code</th><th>Title of the course</th><th>Credits</th></tr></thead><tbody><tr><td>1</td><td>18PSPT0</td><td>Machine Learning</td><td>3</td></tr><tr><td>2</td><td>18PSPU0</td><td>Internet of Things</td><td>3</td></tr><tr><td>3</td><td>18PSPV0</td><td>Deep Learning</td><td>3</td></tr></tbody></table>	S.No	Code	Title of the course	Credits	1	18PSPT0	Machine Learning	3	2	18PSPU0	Internet of Things	3	3	18PSPV0	Deep Learning	3	HOD	
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<p>National Institute of Technology Puducherry, Karikal, Puducherry Mr. P.Srinivasa Raghavan, Consultant – AEG Group, TVS Motor Company Ltd., Hosur</p>	<p>2. To scrutinize and approve the minor modification in the syllabi of 18PS121 - Power System Dynamics and Stability and 18PSPB1 - Smart Power Grid for the M.E.Power System Engineering students admitted from the year 2021-22 onwards.</p>	Dr.RH	26.11.2021												
<p>2. Agenda-I: Dr.RH presented the following syllabus</p> <table border="1" data-bbox="933 515 1077 1108"> <thead> <tr> <th>S.No</th> <th>Code</th> <th>Title of the course</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18PSP10</td> <td>Machine Learning</td> <td>3</td> </tr> <tr> <td>2</td> <td>18PSPV0</td> <td>Deep Learning</td> <td>3</td> </tr> </tbody> </table>	S.No	Code	Title of the course	Credits	1	18PSP10	Machine Learning	3	2	18PSPV0	Deep Learning	3	<p>Applications from power systems may be included in Machine learning. Activation functions may be included in Deep learning</p>	Dr.RH	26.11.2021
S.No	Code	Title of the course	Credits												
1	18PSP10	Machine Learning	3												
2	18PSPV0	Deep Learning	3												
<p>3. Dr.PSM presented the following 18PSPU0 Internet of Things</p>	<p>Syllabus approved</p>	-	-												
<p>4. Agenda-II: Dr.DK presented 18PS121 - Power System Dynamics and Stability</p>	<p>Syllabus approved</p>	-	-												
<p>5. Dr. VS presented 18PSPB1 - Smart Power Grid</p>	<p>IEEE standards and battery can be included. Revamp of syllabus shall be made</p>	Dr.VS, Dr.SCR, Prof.GRH	26.11.2021												
<p>6. Dr.DK thanked all the external expert members joined via google conferencing and internal expert members assembled at Seminar hall after open discussions.</p>															

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Prepared by Dr.D.Kavitha Date 23.11.21 Approved by Dr.C.K.Babdal, Date 23.11.21

