

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by AICTE New Delhi)

MINUTES OF THE 4th BOARD OF STUDIES MEETING

Name of the Body	Board of Studies
Name of the Board	Electrical and Electronics Engineering
Meeting No.	04
Date & Time	27.02.2016, 10.00 am
Venue	Simulation Lab Nandha Engineering College (Autonomous) Erode – 638 052

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Minutes of 4th Board of Studies Meeting (BoS) held on 27.02.2016

The 4th Board of Studies (BoS) meeting was held on 27.02.2016 by 10.00 am at Simulation lab, Nandha Engineering College, Erode - 52. The members attended the meeting are given in Annexure I.

The Chairman of the BoS, Dr.A.Satheesh, Professor & Dean, Electrical and Electronics Engineering welcomed the members for the meeting. Then, the items listed below were taken for discussion.

AGENDA	
Item 4.01	To note and approve the minutes of 3 rd BoS meeting, Electrical and Electronics Engineering held on 18.04.2015.
Item 4.02	To review and approve the curriculum and Syllabi under Regulation R13 for 7 th & 8 th Semesters of B.E., Electrical and Electronics Engineering for the batch of students admitted in the year of 2013-14. (Academic Year 2016 - 17).
Item 4.03	To review and approve the curriculum and Syllabi under Regulation R15 for 3 rd & 4 th Semesters of B.E., Electrical and Electronics Engineering for the batch of students admitted in the year of 2015-16. (Academic Year 2016 - 17).

Item 4.04	To assess and authorize the titles for one credit courses conducted during 5 th Semester & 3 rd Semester B.E – Electrical and Electronics Engineering students in the Academic Year 2015 - 16.
Item 4.05	Any other matters

The proceedings of BoS started and the minutes of the meeting are recorded as follows:

Item -4.01	To consider and approve the minutes of 3 rd BoS meeting, Electrical and Electronics Engineering held on 18.04.2015.	
Resolution	Resolved to approve the minutes of 3 rd BoS meeting.	
Item -4.02	To review and approve the curriculum, syllabi under Regulation R13 for 7 th & 8 th Semesters of B.E., Electrical and Electronics Engineering for the batch of students admitted in the year 2013-14. (Academic Year 2016 - 17).	
Discussion	<ul style="list-style-type: none"> • Dr. Indra Getzy David suggested to include two textbooks and three references uniformly based on coverage of syllabus. • Prefer the updated versions of text books and references. <p>7th Semester: <u>Power System Operation and Control:</u> Dr. Indra Getzy David suggested to change the topic Economic Dispatch Control from 2nd Unit to 4th Unit.</p>	<p>✓ Included</p> <p>✓ Changed</p>

	<p><u>Power System Protection and Switch Gear :</u> Dr.L.Ashokkumar recommended to consider M.L.Soni, P.V.Gupta, U.S.Bhatnagar, A.Chakrabarti, "A Text Book on Power System Engineering" as Text Book and B.Rabindranath and N.Chander, "Power System Protection and Swith Gear" as Reference.</p> <p>8th Semester: Dr.L.Ashokkumar suggested to replace "Smart Grid" instead of "Cryptography and network security" for Elective VII.</p> <p>Dr. Kanthalakshmi recommended to add some more electronics based papers in open electives.</p> <p>Dr. Indra Getzy David advised to remove the Unit 1- Electric Drives and Control from "Energy Utilization".</p>	<p>✓ Modified</p> <p>✓ Replaced</p> <p>✓ Changed</p> <p>✓ Unit Removed</p>
Resolution	Resolved to approve the curriculum, syllabi under Regulation R13 for 7 th & 8 th Semesters of B.E., Electrical and Electronics Engineering for the batch of students admitted in the year 2013-14	
Item -4.03	To review and approve the curriculum and Syllabi under Regulation R15 for 3 rd & 4 th Semesters of B.E., Electrical and Electronics Engineering for the batch of students admitted in the year of 2015-16. (Academic Year 2016 - 17).	

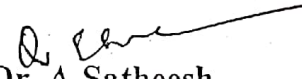
Discussion	<p>R15 Curriculum: 3rd Semester:</p> <p><u>Power plant engineering:</u></p> <p>Dr.L.Ashokkumar advised to remove Unit 5 – Economics.</p> <p><u>Semiconductor Devices and Circuits:</u></p> <p>Dr. Indra Getzy David recommended to remove H.Cotton author as reference and asked to add Nagarath Gothari author as text book.</p> <p><u>DC Machines and Transformers:</u></p> <p>Dr.L.Ashokkumar suggested to change Unit II – DC Generators instead of that add some recent machines applications.</p> <p><u>Electromagnetic Field Theory:</u></p> <p>Dr.L.Ashokkumar advised to consider K.A.Gangadar as author.</p> <p><u>Semiconductor Devices and Circuits Lab:</u></p> <p>Dr.L.Ashokkumar suggested to remove the word Design from Design of rectifier experiment.</p>	<p>✓ Unit Removed and changed.</p> <p>✓ Reference removed and Text book added.</p> <p>✓ Changed</p> <p>✓ Changed</p> <p>✓ Removed</p>
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<p>Dr.L.Ashokkumar and Dr. Kanthalakshmi recommended to frame 10 experiments uniformly for syllabus and 2 experiments beyond the syllabus for all labs. And also asked to add study experiments beyond the syllabus.</p>	<p>✓ Changed</p>
<p><u>DC Machines and Transformers Lab:</u></p> <p>Dr.L.Ashokkumar advised to frame 5 experiments for DC machines and 5 experiments for Transformers.</p>	<p>✓ Changed</p>
<p>4th Semester: <u>AC Machines:</u></p> <p>Dr. Indra Getzy David is advised to combine the Unit 3 & 4 in that add the starting of 3 phase induction motor and speed control of AC machines.</p>	<p>✓ Combined and added the topic.</p>
<p><u>Analog Integrated Circuits:</u> Dr.L.Ashokkumar suggested to change the unit names of Unit 4 & 5.</p>	<p>✓ Changed</p>
<p><u>Digital logic system design:</u></p> <p>Dr.L.Ashokkumar suggested to remove the topic Concurrent and sequential statements from Unit 5.</p>	<p>✓ Modified</p>

	<p><u>Analog and Digital Electronics Lab:</u></p> <p>Dr. Kanthalakshmi advised to add the sequential circuit relevant experiments and to remove the verification of Logic gates.</p> <p>Dr.L.Ashokkumar suggested to consider the high voltage engineering may be as elective and add the Renewable energy systems in core.</p>	<p>✓ Added some experiments and removed the gates.</p> <p>✓ Considered</p>
Resolution	Resolved to approve the curriculum, Syllabi under Regulation R15 for 3rd and 4th Semesters of B.E., Electrical and Electronics Engineering	
Item - 4.04	To review and ratify the titles for one credit courses conducted title Industrial Micro Controllers for 5 th Semester & PCB designing for 3 rd Semester B.E - Electrical and Electronics Engineering students in the Academic Year 2015 - 16.	
Discussion	To allot and finalize the credits for one credit courses in Grade Sheets	
Resolution	Resolved to approve the titles for one credit courses conducted during 5 th Semester & 3 rd Semester B.E - Electrical and Electronics Engineering students in the Academic Year 2015 - 16.	
Item 4.05	Any other matters	
Resolution	NIL	

The Chairman thanked all the members for their active participation.

Date: 27.02.2016


 Dr. A. Satheesh
 (Chairman, BoS / Prof & Dean /EEE)

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