



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Accredited with "A" Grade by NAAC  
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 51 / 52 / 54 / 55 Fax: 044 - 2450 2344  
www.sathyabama.ac.in



School of Electrical and Electronics Engineering

Minutes of Board of Studies Meeting held on 21<sup>st</sup> May, 2018

(Venue: Conference Hall, IEC, Sathyabama Institute of Science and Technology,  
Chennai 119)

Time: 9.00 AM – 11.30 AM

In the beginning of the meeting Dr. N. M. Nandhitha, Dean, School of EEE welcomed all the members and briefed them about the progress of the Department. The BOS members expressed their highly appreciation and satisfaction about the courses and activities of the Department. After that the BOS discussed and resolved the following items:

**The Agenda for the meeting was as follows:**

- Discussions were held on course structure and course outcomes.
- New & Revised Syllabus
- Inclusion of branch specific and new elective subjects
- Bringing down the overall credits to 180.
- Dr M D Selvaraj. Professor, IIITDM accepted the changes suggested by Dr T.Ravi in the subject 'Programming in HDL'. Dr.Sivakumaran, Prof., NIT, Trichy suggested to include Modeling a test bench, timing and delays , Switch level modeling.
- Dr.S.Lakshmi suggested the change in 'Optical Communication'. Dr.sivakumaran accepted the change.
- The new courses introduced are RF and Microwave Engineering, Data communication and networking, Satellite Communications and Project Work (Phase - II).
- Dr.T.Ravi also presented the new course introduced for PG courses are RTOS Programming, Cloud Computing, High Performance Computing, Advanced Digital Image Processing , Big Data Technologies, RTOS Programming lab.
- The Syllabus Revision carried out in PG courses is VLSI circuit Design for Imaging Applications.
- Dr.Selvaraj suggested specific mentioning should be made in the curriculum with regard to:

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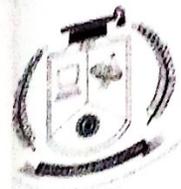
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- a) Program outcomes
  - b) Program specific outcomes
  - c) Course objectives
  - d) Course outcomes
- Dr.Ramadevi suggested the inclusion of Field and HART protocol in 'Logic and Distributed Control system'. Dr.sivakumaran accepted the change.
  - Dr.V.Sivachidambaranathan, Prof.& Head, Dept. of Electrical and Electronics Engineering requested Dr.Sundarsingh, Faculty/EEE to present the curriculum revisions before the board for the subject Power System Protection and Switch gear and High Voltage Engineering.
  - Dr.V.Sivachidambaranathan, Prof.& Head, Dept. of Electrical and Electronics Engineering requested Dr.Rameshbabu, Faculty/EEE to present the curriculum revisions for the subject Analysis of Inverters before the board.
  - They presented the old and new syllabus before the board and discussed the valid additions made in the syllabus.
  - Dr.V.Sivachidambaranathan put forth the syllabus of the new courses, 'Industrial Instrumentation and Automation' for the approval of the board. Dr. A.Amalin Prince approved the Syllabus for this new course.

The next BOS meeting may be scheduled on Oct 2018 to review and finalize the syllabus revision process.



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The following internal and external members were present in the meeting.

INTERNAL MEMBERS	SIGNATURE
1. Dr.N.M.Nandhitha	
2. Dr.S.Lakshmi	
3. Dr.V.Vijaya Baskar	
4. Dr.V.Sivachidambaranathan	
5. Dr.T.Ravi	
6. Dr. P. Kavipriya	
7. Dr.P.Chitra	
8. Dr.S.Karthikeyan	
9. Mrs.K.Srilatha	
10. Dr.V.Balamurugan	
11. Mrs.L.Magthelin Therase	
12. Mrs.I.Rexiline Sheeba	
13. Dr.Ramadevi	
14. Mrs.K.Sujatha	
15. Dr.Susitra	



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## External members

**Dr.N.Shivakumaran**

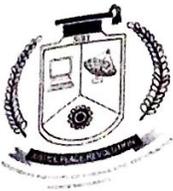
Professor,  
Dept. of I & C  
NIT, Trichy

*PS*  
*21/5/18*

**Dr.M.D.Selvaraj,**

Associate Professor,  
IIITDM, kancheepuram

*Selvaraj*  
*21/5/18*



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**School of Electrical and Electronics Engineering**  
**Minutes of Board of Studies Meeting held on 16<sup>th</sup> NOV, 2018**  
**Venue: Conference Hall, IEC**

**Date: 16-11-18**

**Time: 9.00 AM – 11.30 AM**

- Dr. N. M. Nandhitha, Dean, School of EEE welcomed all members of Board of Studies. On the suggestions of various Experts, the contents are designed by the Board of Studies Members considering the various aspects and need of the society. The members appreciated the contents of the syllabus and it was resolved as under:
- Course outcomes for each course has been discussed and modified.
- Dr.T.Ravi put forth the introduction of new courses 'Advanced Microprocessors', 'Automatic Speech recognition', Pattern Recognition and Image Vision' and 'Advanced Electronic Test Engineering'.
- Dr M D Selvaraj. Professor, IIITDM suggested that RF and Microwave Engineering can be renamed as RF Engineering in VIII semester.
- Dr.Sivakumaran, Prof., NIT, Trichy suggested to have Optical Fibre Communication in VII semester can be replaced with visible light communication. Microprocessor Interfacing and its Applications can be modified as Microprocessor and Microcontrollers.
- Dr.Sivakumaran suggested that subject name can be changed from "Control Engineering" to "Modern Control Systems". The members Dr M D Selvaraj advised to revise the fifth unit of Electronic Devices syllabus.
- Dr.T.Ravi also presented the new course introduced for PG courses are AI and Soft Computing, Network Oriented OS, Scada Systems Applications. The Syllabus Revision carried out in PG courses is Computational Nanoelectronics.
- Dr.V.Sivachidambaranathan requested Dr.Susitra to put forth the syllabus of the new courses, 'Testing and Commissioning of Electrical Equipment' for the approval of the board. Dr. A.Amalin Prince approved the Syllabus for this new course.
- Dr.N.M Nandhitha putforth to revise the syllabus of B.E by incorporating the following



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Develop curricula with relevance to:

- Local needs
- National needs
- Regional needs
- Global needs

Develop existing courses with focus on:

- Employability
- Entrepreneurship
- Skill development.
- Note: If any collaboration is made with any organizations to facilitate the courses, MoU's should be signed with them.

Develop existing courses with focus on:

- Gender
- Environment and Sustainability
- Human Values and Professional Ethics.
- Introduce either Field Projects/research projects or Internships at the end of second and fourth semesters.
- New elective courses namely Advanced microprocessor, Automatic Speech recognition, Pattern recognition and image vision, Advanced Electronic Test Engineering has been introduced.
- The Dean reported the members about the efforts of all the members of Board of Studies to prepare the syllabus of the subject B.E for the academic year 2018-19. The next BOS meeting may be scheduled on April 2019 to review and finalize the syllabus revision process. It was resolved as under, "Resolved that the Appreciation of Board of Studies members who contributed to prepare syllabus be noted." There being no other matter, the meeting was concluded with a vote of thanks .



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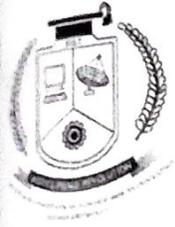
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## EXTERNAL MEMBERS

Dr.N.Shivakumaran

Professor

Dept. of I & C

NIT, Trichy

*NS*  
16/11/18

Dr.M.D.Selvaraj,

Associate Professor,

IIITDM, kancheepuram

*Selvaraj*  
16/11/18