



# SATHYABAMA UNIVERSITY

(Established under Section 3 of the UGC Act, 1956)

Declared as Category 'A' University by MHRD, Govt. of India  
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119, Tamil Nadu. India..



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Minutes of BOS meeting

DATE: 05.04.2017

TIME: 10AM TO 12.30PM

VENUE: VLSI LAB

- Dr.E.Logashanmugam, Faculty Head of school of electrical and electronics greeted all the members of the board. Dr.G.Sundari, Professor and Head of the ECE department welcomed the external and internal members of the board of studies. The guidelines of the syllabus given by the management were explained by HOD to all the members of the BOS. The external members also ratified the decision to revise the syllabus under the mentioned guidelines. The HODs of ECE, EEE, E&I, E&C and ETCE under the Faculty of Electrical and Electronics, Staff members from the faculty attended the meeting to have an effective interaction with the members as and when required.
- Dr.G.Sundari, Prof. & Head Department of Electronics and Communication started the meeting by welcoming both the external and the internal numbers to the Board of Studies meeting. The guidelines of the syllabus given by the management were explained by HOD to all the members of the BOS. The external members also ratified the decision to revise the syllabus under the mentioned guidelines.
- Dr.T.Ravi, proposed syllabus revision in 'Nano Electronics' Dr.M. Madhavi Latha, Professor, JNTU College of Engineering, Hyderabad accepted the changes.
- Dr.P.Chitra suggested the inclusion of topic synchronization in 'Digital Communication' subject. Dr.Ram Bilas Pachori, Professor, IIT Indore suggested to add the topics such as Tracking and acquisition, application of spread spectrum techniques and types of sampling.
- Dr. M. Madhavi Latha accepted the changes incorporated in the subject 'Advanced Electronic Test Engineering' suggested by Dr.P.kavipriya. The new courses introduced are Computer Architecture and operating systems, Professional Training-2 and Project Work (Phase 1).
- Dr.T.Ravi also presented the new course introduced for PG courses are Pervasive Computing, Fundamentals of IoT, Microcontrollers, Network Programming, Design of Embedded Systems, Advanced Digital Signal Processing and Microcontrollers and IoT Lab. The Syllabus Revision carried out in PG courses is RF Circuit Design and MEMS technology
- Dr.Sivakumaran accepted the changes made in the subject 'Discrete Electronic circuits' by adding the oscillators as suggested by Mrs. Sujatha.



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- Dr.V.Sivachidambaranathan, Prof.& Head, Dept. of Electrical and Electronics Engineering requested Dr.Sundarsingh, Faculty/EEE to present the curriculum revisions before the board.
- He presented the old and new syllabus for Power System Analysis before the board and discussed the valid additions made in the syllabus.
- Dr.V.Sivachidambaranathan put forth the syllabus of the new courses, 'Electrical Power Quality' 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 2017 to review and finalize the syllabus revision process.

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

INTERNAL MEMBERS	SIGNATURE
1. Dr.E.Logashanmugam	
2. Dr.G.Sundari	
3. Dr.N.M.Nandhitha	
4. Dr.V.Sivachidambaranathan	
5. Dr.V.Vijaya Baskar	
6. Dr.S.Lakshmi	
7. Dr.T.Ravi	
8. Dr.V.G.Sivakumar	
9. Dr. P. Kavipriya	
10. Dr.P.Chitra	



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11. Dr.S.Karthikeyan

*Signature*

12. Ms.K.Srilatha

13. Dr.R.Ramadevi

*R.R. Ramadevi*

14. Mrs.K.Sujatha

15. Dr.Susitra

*Sujatha*

## EXTERNAL MEMBERS

Dr. M. Madhavi Latha  
Professor, JNTU College of Engineering  
Hyderabad

*MML*  
*5/4/17*

Dr.Ram Bilas Pachori  
Professor, IIT Indore

*Comp.*  
*5/4/17*

Dr.Sivakumaran,  
Professor, NIT, Thiruchirapaali

*AGL*  
*5/4/17*





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Minutes of BOS meeting

DATE:03.10. 2017

TIME: 10AM TO 12.30PM

VENUE: VLSI LAB

- Dr.N.M.Nandhitha ,Dean and Head, School of Electrical and Electronics Engineering greeted all the internal members of the board of studies. The HODs of ECE, EEE, E&I, E&C and ETCE under the Faculty of Electrical and Electronics, Staff members from the faculty attended the meeting to have an effective interaction with the members as and when required.
- Dr.T.Ravi, proposed syllabus revision in 'MEMS and its applications. Dr.M. Madhavi Latha, Professor, JNTU College of Engineering, Hyderabad accepted the changes. Dr.S.Karthikeyan presented the changes made in 'Pattern Recognition and Image vision'. Dr.Ram Bilas Pachori, Professor, IIT Indore accepted the changes.
- Dr.P.Chitra suggested the inclusion of topic synchronization in 'Digital Signal processing' subject. Dr.Ram Bilas Pachori, Professor, IIT Indore suggested to add the topics such as Applications of Multirate signal processing, Speech compression, Adaptive filter, Musical sound processing.
- Dr S Lakshmi, proposed syllabus revision in 'Analog integrated circuit'. Dr.M. Madhavi Latha, Professor, JNTU College of Engineering, Hyderabad accepted the changes. The new courses introduced are Telecommunication Systems and Services, Microprocessors and Microcontrollers and Embedded Systems.
- Dr.T.Ravi also presented the new course introduced for PG courses are Software Modeling For Embedded System, Wireless Sensor Networks for IoT, Embedded OS and Device Drivers, Embedded OS and device drivers lab, Industry 4.0, and Mobile Application Development. The Syllabus Revision carried out in PG courses is Robotics and Computer Vision.
- Dr.R.Ramadevi proposed the introduction of new subject 'Soft Computing techniques'. Dr.Sivakumaran suggested to add an unit on Genetic algorithm.



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- Dr.V.Sivachidambaranathan, Prof.& Head, Dept. of Electrical and Electronics Engineering requested Dr.Radhika.S, Faculty/EEE to put forth the feedback collected from Staff and 2014 – 2016 Batch Students and requested the board members to approve for the shift in the course titled “Digital Signal Processing & its Applications” (SEC1315) to Semester 6 in 2015 Regulations. With respect to this change the course titled “Principles of Embedded System” (SEC1317) is suggested to shift to Semester 7 in 2015 Regulations.
- Dr.V.Sivachidambaranathan, presented the old and new syllabus for Special Electrical Machines and Power Generation and Utilization before the board and discussed the valid additions made in the syllabus.
- Dr. V. Sivachidambaranathan requested Dr.Vanitha, Faculty /EEE to present the syllabus of the new course, ‘Energy Storage Systems’ 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 April 2018 to review and finalize the syllabus revision process.

The following internal members were present in the meeting.

## INTERNAL MEMBERS

## SIGNATURE

1. Dr.N.M.Nandhitha 
2. Dr.V.Sivachidambaranathan 
3. Dr.V.Vijaya Baskar 
4. Dr.S.Lakshmi 
5. Dr.T.Ravi 
6. Dr.V.G.Sivakumar 
7. Dr. P. Kavipriya 



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8. Dr.P.Chitra

*P. Chitra*

9. Dr.S.Karthikeyan

*S. Karthikeyan*

10. Mrs.K.Srilatha

*K. Srilatha*

11. Mrs.L.Magthelin Therase

*L. Magthelin Therase*

12. Mrs.I.Rexiline Sheeba

*I. Rexiline Sheeba*

13. Dr.Susitra

*Susitra*

14. Dr.Ramadevi

*R. Ramadevi*

15. Mrs. Sujatha

*S. Sujatha*

## EXTERNAL MEMBERS

Dr. M. Madhavi Latha

Professor

JNTU College of Engineering

Hyderabad

*MML*  
*30/10/17*

Dr.Ram Bilas Pachori

Professor, IIT Indore

*R. Pachori*  
*31/10/17*

Dr.Sivakumaran,

Professor, NIIT, Thiruchirappalli

*S. Sivakumaran*  
*30/10/17*