



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 19-06-2021

Minutes of Board of Studies (BOS) Meeting

1. The meeting began by reviewing the course structure for R20 regulations. It was suggested to mention Computer networks as pre requisite for wireless sensor network course in VII semester.
2. It was suggested to include A to H categories in power amplifiers in Analog Circuit design. It was also suggested to make Feedback Amplifiers and Oscillator as Unit III and Power amplifiers as unit IV
3. It was felt that syllabus in Unit 5 is heavy and should be reduced to the possible extent.
4. Uniformity among number of text books and reference books should be there among all the courses as suggested.
5. Certain concepts of Signals & Systems can be studied in Mathematics and in such a case the same can be skipped from SS so that coverage of syllabus becomes comfortable.
6. In Random Variables and stochastic processes, Noise and Linear systems concepts can be swapped in Unit 5 so that noise can be studied in more depth.
7. Further it was also suggested to see the possibility of introducing noise in digital channels in RVSP.
8. In Python programming course the titles of the exercise programs need to be reframed as felt.
9. All the experiments in Analog circuit design lab should be reframed so that emphasis is more laid on design level.
10. As the course itself is transistor based, it was not necessary to include the word transistorized in the ACD lab.
11. Input and output impedances for one or two amplifier experiments should be estimated and such a way the experiments need to be structured.
12. In DSD lab, it was suggested to emphasize more on Verilog than VHDL as it is more sought in industry.
13. In Control systems, MATLAB oriented simulation experiments can be introduced as felt.

14. In Analog Communications, Noise and Analog Pulse Modulation topics can be swapped so that noise is not discussed in haste at the end.
15. Further Noise figure estimations for cascaded stages should be introduced as suggested.
16. In Analog Communications Lab ,it was suggested to replace the MATLAB with interactive programming lab
17. It was advised to purchase SDR kits for use in both AC lab and DSP lab
18. The contents in digital communication need to be refined by incorporating Maximum likely hood estimation and then digital modulation techniques. As Simon Haykin is the prescribed text book , it is better maintain same flow of concepts as felt.
19. In Antennas and wave Propagation, Radiation fundamentals should be studied first followed by antenna fundamentals.
20. In Microwave antennas, lens antennas can be introduced after parabolic antennas and comparison with reflector antennas should also be included.
21. John D. Kraus and G.S.N.Raju can be made text books for AWP than K.D.Prasad.
22. It was suggested to make Roy Choudhury as the text book than reference.
23. In EMI, it is not required to elaborate more on DC ammeters and volt meters and in turn Q meter and bridges can be more emphasized.
24. Further, Fundamentals of Sensors, Automotive and Bio-Medical sensors can be made unit II and remaining units will alter here by as suggested.
25. It was suggested to rename the Digital CMOS design course as CMOS Design and include few concepts related to analog IC design.
26. It was suggested see the possibility of simulating digital communication experiments using python.
27. In LICA lab, it was suggested to incorporate Op Amp characteristics as an experiment.
28. In Micro wave engineering, it is not required to include gyrator as suggested.
29. In Digital Image Processing, it better to have CO 4 should be at high level than at understand level.
30. It was suggested to arrange the courses under honors program module wise and semester wise so that the prerequisites are satisfied.
31. It was also advised to include basic courses under minor program as the parent program students may not have knowledge about the courses offered by the ECE.



HEAD
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List of BoS Members for UG programme for A.Y :2020-21

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Dr.Y.Amar Babu, Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.U.V.Ratnakumari	Professor, Department of ECE, University College of Engineering, JNTUK, Kakinada. E-Mail : vinayratna74@gmail.com Phone No:9989901433	University Nominee	Attended online
3.	Dr. N.V.S.N.Sarma Director ECU (Kakinada)	Indian Institute of Information technology, Trichy E-Mail : sarma@nitw.ac.in Phone No. 9849639262	External Member, Subject Expert	Attended online
4.	Dr.P.Srihari Rao, Associate Professor , Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : patri@nitw.ac.in Phone No. 8702462439,9441342324	External Member, Subject Expert	Attended online
5.	Dr. John Bedford Solomon, Principal Engineer	InSemi Technology Limited, 153/A, Balamrai Rasool Pura, Secunderabad, Telangana, 500003 Email:bedford.solomon@gmail.com, Ph.No:9642763415	External Member, Industry	Attended online
6.	Dr.B.Anil Kumar, Associate Professor, Department of ECE.	Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous),Hyderabad. Mobile No:9985054084 E-mail: anilkumar@griet.ac.in, anilbudati@gmail.com	Alumni	Attended online
7.	Dr.E.V.Krishna Rao Professor ,Dean of R & D	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Prof.B.Ramesh Reddy Professor & IQAC In Charge	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr. G.L.N.Murthy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
15.	Dr.B.Poornaiah, Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
16.	Dr.T.Satyanarayana, Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	