

LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

Minutes of the BOS meeting Held on 7th Dec 2019.
FOR UG Program

Members Present:

External BoS Members

Dr. S.Sivanaga Raju

Er. Ch. Sri Prakash

Mr.Y.Naresh

Signature





Internal BoS Members

Signature

Dr. M.S.Giridhar

Dr. K.Harinadha Reddy




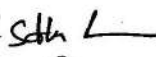



Dr. M.Uma Vani

Dr. P. Sobha Rani

Dr.K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

1. Finalization of course structure for UG Program (EEE) under R-20 regulation- Suggested & Approved
2. List of Core & Elective courses, Open Electives of R20 course structure- Suggested & Approved
3. Stake holder's feedback- Discussed
4. Academic activities (FDP / Certification programs, etc.)- Discussed
5. Implementation of B.Tech degree with minor- Discussed

Note: Detailed resolutions are enclosed as Annexure-I.



Annexure- I

Minutes of BOS Meeting held on 07-12-2019

After thorough discussions and deliberations, following resolutions are arrived in the proposed **R20 Course Structure**:

I. Suggestions in course structure:

1. It is suggested to have three Mathematics subjects instead of four Mathematics subjects.
2. The following titles are suggested for electronics subjects:
 - Electronic circuits and Devices
 - Electronic circuits and Devices Lab
 - Digital Electronic Circuits
 - Digital Electronic Circuits Lab
 - Analog Integrated Circuits
 - Analog Integrated Circuits Lab
3. It is recommended to place 'Economics for Engineers in V semester and 'Management Science for Engineers' as OE.
4. It is suggested that contact hours should be 3hrs for core lab courses.

II. Other changes in course structure:

1. 'Basic Mechanical Engineering'(in sem-I) course title is changed as 'Basic Mechanical and Civil Engineering'.
2. 'Engineering Workshop'(in sem-I)title is changed as 'Mechanical Workshop'.
3. 'Basic Mechanical Engineering Lab'(in sem-I)course title is changed as 'Basic Mechanical and Civil Engineering Lab'.
4. 'Fundamentals of Electronics' (in sem-II) title is changed as 'Electronic circuits and Devices'
5. 'Electrical Circuits Lab'(in sem-IV) title is changed as 'Electrical Circuits and Simulation Lab'.
6. 'Electrical Circuits-I'(in sem-III) course title is changed as Electrical Circuit Analysis-I.
7. 'Measurements & Instrumentation'(in sem-III) course title is changed as 'Electrical Measurements'.
8. It is suggested to take 'Instrumentation' subject as an Elective course.
9. 'Electrical Circuits-II'(in sem-IV) course title is changed as Electrical Circuit Analysis-II.

- 10 'Fundamentals of Electronics' (in sem-II) is swapped with Electrical Circuit Analysis-I (in sem-III).
- 11 'Digital circuits'(in sem-III) course title is changed as 'Digital Electronic circuits'.
- 12 'Digital circuits Lab'(in sem-III) course title is changed as 'Digital Electronic circuits Lab'.
- 13 'Electric & Magnetic Fields'(in sem-IV) course title is changed as 'Electro Magnetic Fields'.
- 14 'Power Systems-III' (in sem-V) course title is changed as 'Power System Analysis'.
- 15 'Electrical Workshop Lab' is suggested in the place of 'Fundamentals of Electronics Lab' (in sem-II).
- 16 'Digital Electronic circuits' (in sem-III) is swapped with 'Power systems-I' (in sem-IV).

III. Other Suggestions:

1. Drawing of LT modules, NOC contacts may be introduced in 'Electrical Workshop Lab' course
2. Computer Organization basic concepts may be introduced as first unit in 'Programming for Problem solving using C' course in Sem-II.
3. It is suggested to plan experiments based on flow measurements in 'Basic Mechanical and Civil Engineering Lab'.
4. Experiments based on soft starters for motor control may be planned in 'Electrical Machines -II Lab'.
5. Students are suggested to select required courses in specific domain of interest (other than specialization) to get B.Tech degree with minor.



Head of the Department
Dept. of Electrical and Electronics Engg.
Lakireddy Bali Reddy College of Engg.
Mylavaram-521230, Krishna Dt., A.P.

LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

Minutes of the BOS meeting Held on 7th Dec 2019.
FOR PG Program

Members Present:

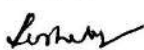
External BoS Members

Dr. S.Sivanaga Raju

Dr Y.S.Kishore Babu

Mr T.Sesha Sai Babu

Signature



Internal BoS Members

Dr. M.S.Giridhar

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

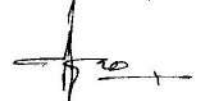
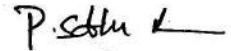
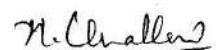
Dr. P. Sobha Rani

Dr.K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

Signature



1. Finalization of course structure for PG Program (PED) under R 20 regulation- Suggested & Approved
2. List of Core & Elective courses, Open Electives of R20 course structure- Suggested & Approved
3. Stake holder's feedback-Discussed
4. Research and consultancy works to be taken up by EEE Department - Discussed
5. Academic activities (FDP / Certification programs, etc.)- Discussed

Note: Detailed resolutions are enclosed as Annexure-II.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. Reddy Nagar , Mylavaram-521 230, Andhra Pradesh, INDIA
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi
New Delhi & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Phone: 08659-222933/Extn: 203

hodees@lbrce.ac.in, eeelbrce@gmail.com

Annexure-II: Minutes of BoS meeting for M.Tech (Power Electronics & Drives) held on 07-12-2019.

The course structure of **M.Tech (Power Electronics & Drives)** program of R20- regulation is approved as per AICTE model curriculum with the following program core, program elective and open elective courses:

Program Core 1: Analysis Of Power Converters

Program Core 2: Control of Motor Drives-I

Program Electives-I

1. Power Quality
2. FACTS
3. HVDC Systems

Program Electives-II

1. Modern Control Theory
2. Artificial Intelligent Techniques & Applications
3. Meta Heuristics Optimization Techniques

Program Core 3: Switched Mode Power Converters

Program Core 4: Control of Motor Drives-II

Program Electives-III

1. Machine Modelling and Analysis
2. Emerging Trends in Power Converter Technologies
3. Micro and Smart Grid Technologies

Program Electives- IV

1. Hybrid Electrical Vehicles
2. Wind Energy Conversion Technologies
3. Electro Magnetic Interference and Compatibility

Program Electives-V

1. DSP & FPGA Controllers
2. Advanced Microprocessors & Microcontrollers
3. Advanced Power Semiconductor Devices & their protection

Open Elective

1. Industrial Safety
2. Operations Research

Note:

- It is suggested to give three courses in each program elective separately instead of giving pool of six courses under two program electives.

Head of the Department
Dept. of Electrical and Electronics Engineering
Lakireddy Bali Reddy College of Engineering
Mylavaram-521230, Krishna Dt, A.P.