

LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
Minutes of the BOS meeting Held on 18th June 2019.
FOR UG Program

1. Course structure, list of core courses and program elective courses for R-20 PG programs of
EEE department. -Discussed/Suggested.
2. Stakeholder feedback on curriculum -Discussed/Suggested.
3. Syllabus and CO refinement of Electrical Engineering Materials (Code: 17EE15) of V- Sem
R17 regulation-Suggested/Approved
4. Blended learning for teaching learning process- Discussed/Suggested.
5. Improvement in research component in the areas of current interest- Discussed/Suggested.

Note: Detailed resolutions are enclosed as **Annexure-I**.


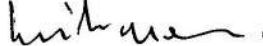
Members Present:

External BoS Members

Dr. S.Siva Naga Raju

Er. Ch. Sri Prakash

Signature

Internal BoS Members

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

Dr. P.Sobha Rani

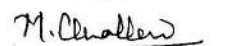
Dr K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

Signature




M.Challan
18/6/19


P. Sobha


Prasad


Rao


Sivavara Prasad

Annexure-Minutes of BOS meeting held on 18-06-2019

After thorough discussions and deliberations following resolutions are arrived in the proposed R20 course structure:

I. Title changes for courses:

1. “Basic Electronics Engineering “course title is changed as “Electronic Devices and Applications”
2. “Basic Electrical Engineering” course title is changed as “Network Theory-I”
3. “Basic Electrical Engineering Lab” course title is changed as “Electrical Workshop Lab”
4. “Electrical Circuit Analysis” course title is changed as “Network Theory-II”.
5. “ Fundamentals of Management for Engineers” course title is changed as “Managerial Economics and Financial Analysis (MEFA)”
6. “Power System Operation and Control” course title is changed as “Power System-III”.
7. “Power System Lab “course title is changed as “Power System and Simulation Lab “

II. Other changes in course structure:

- 1.“Engineering Physics” course (in SemII) is swapped with “Basic Electronics Engineering “course (in Sem I)
- 2.“Engineering Mechanics” course (in III Sem) is swapped with “Basic Electronics Engineering “course (in Sem I)
3. “Control Systems” course (inVSem) is swapped with “Data Structures” (in Sem IV)
4. “Power Systems-I” course (inVSem) is swapped with “Measurements and Instrumentation” course (in Sem IV).
5. “Control Systems Lab” course (inVSem) is swapped with “Data Structures Lab” (in Sem IV)
6. Program elective-I is not recommended in IV semester.
7. “Economics for Engineers” course (in V Sem) is shifted to open elective.
8. “Analog and Digital Signal Processing” course is introduced in place of “Economics for Engineers” course.

III. Other Suggestions :

1. Drawing of switchgear modules may be introduced in Electrical Workshop Lab course
2. Hysteresis motors and Eddy current motor concepts may be incorporated in Special Electrical Machines.
3. Some experiments on Digital Signal Processing may be added in Micro Processors Lab.
4. Blended learning and flipped classes methodology is suggested to make the students understand the topics more effectively.

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3. Blending Learning for teaching learning process- Discussed/Suggested
4. Improvement in research component in the areas of current interest- Discussed/Suggested.

Note: Detailed resolutions are enclosed as **Annexure-II**.

Members Present:

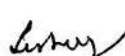
External BoS Members

Dr. S.Siva Naga Raju

Dr. Y.S.Kishore Babu

Mr. T.Sai Babu

Signature



Internal BoS Members

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

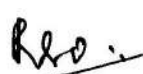
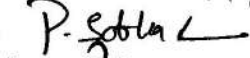
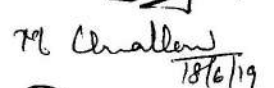
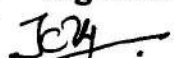
Dr. P.Sobha Rani

Dr K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

Signature



Annexure-II: Minutes of BoS meeting for M.Tech (Power Electronics & Drives) held on 18-06-2019.

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 and program elective courses:

Core 1: Power Electronic Converters

Core 2: Control of Motor Drives-I

Program Electives-I & II

1. Power Quality
2. Optimization Techniques in Electrical Engineering
3. Machine Modelling and Analysis
4. Custom Power Devices
5. Advanced Power Semiconductor Devices & their protection
6. Modeling & Simulation of Power Electronic Systems

Core 3: Switched Mode Power Converters

Core 4: Control of Motor Drives-II

Program Electives-III & IV

1. Hybrid Electrical Vehicles
2. DSP & FPGA Controllers
3. Advanced Microprocessors & Microcontrollers
4. Electro Magnetic Interference and Compatibility
5. PLC and Automation
6. Advanced Control Systems

Program Electives-V

1. HVDC Systems
2. Digital Control Systems
3. Wind Energy Conversion Technologies

Note: It is decided to provide “Internship” course in III Sem in place of “Open Elective” course.