

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::RAJAMPET**

**(AN AUTONOMOUS INSTITUTION)**

Thallapaka Panchayath, New Boyanapalli, Rajampet, Kadapa Dist, A.P. 516126.

(Approved by A.I.C.T.E, New Delhi & Affiliated to Jawaharlal Nehru Technological University Anantapur, Anantapuramu)

**Department of Electrical & Electronics Engineering**

**Minutes of Meeting of the Board of Studies of EEE Department held on 05.10.2020**

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**Members Present:**

1. Dr. M.Padma Lalitha	Chairman
2. Dr. S.Narayana	Member
3. Dr.M.Sydulu	“
4. Dr.K.Sivakumar	“
5. Dr.B.Jagadeesh Chandra Prasad	“
6. Mr.O.Hemakesavulu	“
7. Mr.P.Bhaskara Prasad	“
8. Mr.P.Suresh Babu	“
9. Mr.K.Jagan Mohan Reddy	“

**Resolutions:**

**Item No: 09-BOS-1:**

**To prepare detailed syllabi for III & IV B.Tech courses in ‘R19’ Regulation.**

i) Resolved to prepare detailed syllabi for III & IV B.Tech courses in ‘R19’ Regulation as enclosed in Annexure-I.

**Item No: 09-BOS-2:**

**The following discussions are methodically carried out related to the syllabus of ‘R19’ Regulation.**

i) Resolved to interchange the **Unit-2** as Unit-1 & **Unit-1** as Unit-2 for the subject “**Network Analysis and Synthesis**” in II B.Tech-II semester.

ii) After a long discussion BOS members suggested to take out the subject ‘**Fluid Dynamics & Hydraulic Machines**’ and ‘**Fluid Dynamics & Hydraulic Machines**’ lab in II B.Tech-I semester. But taking into consideration commencement of the I semester it was decided to execute it in the next regulation.

iii) Few BOS members suggested to follow the syllabi of AICTE in III B.Tech-I semester for ‘**Electrical & Electronics Measurements**’ but it is integrated subject with lab for 2 credits in that curriculum. So resolved to include some advanced topics from that curriculum in the subject ‘**Electrical & Electronics Measurements**’.

iv) Resolved to include the topics 'Brief introduction of Thyristor family, Basic operation of Power BJT, Power MOSFET and Power IGBT' in **Unit-1**, 'Three phase Voltage source inverter for 180 degree mode' in **Unit-5** for the subject "**Power Electronics**" in III B.Tech-I semester .

v) Resolved to include the topics 'Need for current limiting reactors and their location', 'The selection of circuit breakers' in **Unit-3**, 'Modified Eulers method-Multimachines stability' in **Unit-5**, Also removed the topic ' Bus Incidence Matrices. Ybr and Zloop formation using singular transformation method' from **Unit-1** for the subject "**Power System Analysis**" in III B.Tech-I semester.

vi) After extensive discussion BOS members suggested to reduce syllabus content of the subject '**Smart grid**' in IV.Tech-I semester.

vii) After broad discussion BOS members suggested to reduce syllabus content of the subject '**Power Semiconductor Drives**' in IV.Tech-I semester as it carries 2 Credits and suggested to have 3 credits. Taking this suggestion into consideration it was decided to implement 3 credits for professional subjects in the next regulation.

**Item No: 09-BOS-3:**

**To include AICTE mandatory course Universal Human Values-2.**

i) Resolved to include AICTE mandatory course Universal Human Values-2 in III B.Tech-I semester

**Item No: 09-BOS-4:**

**To suggest Panel of Examiners and Paper Setters from external experts.**

i) Resolved to approve the list of Examiners for **M.Tech and B.Tech** from IITs, NITs, Private Universities and Autonomous Colleges as enclosed in Annexure-II.

**Item No: 09-BOS-5:**

**Resolved to send the recommendations for the approval of the Academic Council.**

**Dr. M.Padma Lalitha**  
Chairman