



Jawaharlal Nehru Technological University Kakinada,
Kakinada-533003, Andhra Pradesh, INDIA.

University College of Engineering Kakinada (A)

Curriculum Analysis for BOS - B.Tech. – Electrical & Electronics Engineering (R20)


Student Feedback – Suggestions Received:

- Latest Technological courses should include into the curriculum.
- Industry related oriented course should be included.
- There should be more focus on practical knowledge to the students.
- Skill enhancement courses should be included to improve the personality development.
- Computer related courses should be include.

Faculty Feedback – Suggestions received:

- Suggested to add new subjects like IoT applications in Electrical Engineering, AI techniques & Machine Learning.
- Advanced topics suggested to include in EMF subject and grid integration of renewable energy resources subject to be include.
- Solar PV and Wind turbines topics need to be modified.
- In switched mode power conversion course average switch modelling technique topic to be added.
- In PSOC subject, advanced topics like state space techniques and MATLAB programs suggested to be include.


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Action Taken over the suggestions received:

1. The new skill based electives were introduced in the curriculum in the area of emerging trends to improve the knowledge of the students.
2. Most of the courses offered by EEE department are focused based on employability/skill development and as per the stakeholder's suggestion, curriculum of the course was restructured and reviewed to meet the student demands.
3. More Open Elective courses are included to the curriculum which develops knowledge in other engineering streams also.

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