AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)
NAAC "A+" Accredited Institute with CGPA: 3.38/4
Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162.
www.aietta.ac.in, principal@aietta.ac.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1st Board of Studies Meeting

Mode: Through Hybrid Mode

Date and Time: 01-08-2024 and 10.30 AM to 11.45 AM

Link: Join Zoom Meeting

https://us06web.zoom.us/j/87674704911?pwd=TagwCmcHYFbAioCopKcm2tou1BlpI

M.1

Minutes of the 1st Board of Studies (BoS)

The Meeting of the 1st Board of studies of Electrical and Electronics Engineering, Avanthi Institute of Engineering and Technology (Autonomous), Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162 will be held on 01-08-2024 at 10.30 to 11.45 AM, Venue: E Class Room.

Members Present:

Dr. K. Sri Kumar, Professor & Principal, Jawaharlal Nehru Technological University Gurajada-Vizianagaram, JNTU-GV.

Dr. Dr. B. Kalyan Kumar, Professor, Department of Electrical Engineering, IIT-Madras.

Dr P. Chandra Shekhar, Assistant Professor, Department of Electrical Engineering, IIT Bhubaneswar.

Sri. M Dharma Raju, DE Technical, APEPDCL, Visakhapatnam.

Sri. Y.L.V.Santosh Kumar, HSE Manager, L&T Hydrocarbon, Visakhapatnam.

All the Department Faculty, Department of Electrical and Electronics Engineering, AIETTA (A).

Dr. R. Sasidhar, Associate Professor & Head, Chairperson Board of Studies, AIETTA (A)

Item 1:

- Welcome and Introduce the BoS Members.

Resolutions:

- Welcome address, introduce and opening remarks by Chairperson, Board of studies in the department of Electrical and Electronics Engineering, with the permission of members and also chairperson introduce the institution and department profiles.
- All the members of BoS assured that they will give the best of their knowledge to prepare the curriculum and syllabus as per the OBE & industrial requirements.

Item 2:

- To discuss, Review and Approve proposed curriculum in Program B.Tech Electrical and Electronics Engineering for I B. Tech-I & II Semesters affect from the academic year 2024-2025 to 2026-2027

Members Suggestions:

- Keep the Curriculum as it is without any modifications.

Resolutions:

- Members approved the curriculum programs of B.Tech Electrical and Electronics Engineering for I B. Tech-I & II Semesters affect from the academic year 2024-2025 without any modifications. **---Annexure-I**

Item 3:

- To discuss, review and approve proposed curriculum in Program M.Tech Power Systems & Power Electronics for I & II Semesters affect from the academic year 2024-2025.

Members Suggestions:

- Change the title Advanced Power Systems Protection to Digital Power Systems Protection
- Added Solar and Wind Power generation, PMSG and DFIG topics in Control and Integration of Renewable Energy Sources
- Textbooks :Power System Stability and Dynamics by Prabha Kundur added
- Text Book: Power system Dynamics and stability by M.A.Pai added

Resolutions:

- Members reviewed and approved the curriculum and syllabus in Programme in M.Tech Power Systems & Power Electronics for I & II Semesters affect from the academic year 2024-2025. **--- Annexure: II, III, IV and V**

Item 4:

- To discuss and finalize the syllabus for the following:
  a) Basic Electrical & Electronics Engineering for I B. Tech I semester (Common for UG programs EEE,ECE and MECH) & I B. Tech II semester (Common for UG programs CSE, CSE (Data Science), and CSE(AI &ML).
  b) Electrical & Electronics Engineering Workshop for I B. Tech I semester (Common for UG programs EEE,ECE and MECH & I B. Tech II semester (Common for UG programs CSE, CSE (Data Science), and CSE(AI &ML).
  c) Network Analysis for I B. Tech II Semester Electronics and Communications Engineering.
  d) Network Analysis & Simulation Laboratory for I B. Tech II Semester Electronics and Communications Engineering.
  e) Electrical Circuit Analysis-I for I B. Tech II Semester Electrical and Electronics Engineering.
  f) Electrical Circuits Lab for I B. Tech II Semester Electrical and Electronics Engineering.

Resolutions:

- Members reviewed and approved the Syllabus "Basic Electrical & Electronics Engineering for I B. Tech I semester (Common for UG programs EEE,ECE and MECH) & I B. Tech II semester (Common for UG programs CSE, CSE (Data Science), and CSE(AI &ML). **---Annexure: VI**
- Members reviewed and approved the Syllabus "Electrical & Electronics Engineering Workshop for I B. Tech I semester (Common for UG programs EEE, ECE and MECH) & I

B. Tech II semester (Common for UG programs CSE, CSE (Data Science), and CSE (AI &ML). **---Annexure: VII**

- Members reviewed and suggested to add Basic filters in Network Analysis after Resonance Topic and approved the Syllabus "Network Analysis" I B. Tech II Semester Electronics and Communications Engineering. **---Annexure: VIII**
- Members reviewed and approved the Syllabus "Network Analysis & Simulation Laboratory" for I B. Tech II Semester Electronics and Communications Engineering. **---Annexure: IX**
- Members reviewed and approved the Syllabus "Electrical Circuit Analysis-I" for I B. Tech II Semester Electrical and Electronics Engineering. **---Annexure: X**
- Members reviewed and approved the Syllabus "Electrical Circuits Lab" for I B. Tech II Semester Electrical and Electronics Engineering. **----Annexure: XI**

Item 5:

- To discuss and suggest Teaching Learning Methodology, Co-Curricular and Extra-Curricular activities for the academic year 2024-2025.

Members Suggestions:

- Chairperson presented different Teaching learning methods, co-curricular and extra-curricular activities which are planned in the academic year 2024-2025.
- Members discussed and suggested to implement Co-curricular activities like guest Lectures, Tech fest, Workshops, Industrial Visits for the Academic Year 2024-2025.
- Members discussed and suggested to have Extra-curricular activities for the Academic year 2024-2025 to Sports meet yearly twice.
- For knowledge exploration advised to have Industrial visit for the students at least once in an academic year.
- Discussed on industrial needs and interaction with it.

Resolutions:

- Members advised that faculty has to take their own & independent methodology for the benefit of Student. And also advised different teaching Learning Methodology like PPT's, Video Based Lectures, Assignments, each one teach one, Lab protocols, Project Show case.
- Ro encourage the students to do Internships.

Item 6:

- To discuss and suggest examiners for paper setting and evaluations.

Members Suggestions:

- Chairperson presentation on continuous evaluation process.
- Members advised to make Question Paper Setting as per Bloom's Level.
- Members suggested that the internal faculty either has to prepare External Question paper or act as any one of the Evaluator for the course.
- For knowledge exploration advised to have Industrial visit for the students at least once in an academic year.

- Discussed on industrial needs and interaction with it.

Resolutions:

- Advised to make a subject faculty to be a paper setter or paper evaluator.

Item 7:

- Discuss on any other academic matter

Resolutions:

- No other Issues

Item 8:

- Miscellaneous issues.

Resolutions:

- No other Issues

Attendance Sheet

S.No.	Name of the Member & Affiliation	Signature
1	**Prof. K. Sri Kumar** Professor & Principal Dept. of EEE JNTU-GV College of Engineering Vizianagaram JNTU-GV, Vizianagaram	Approved through mail on 30-08-2024
2	**Dr. B. Kalyan Kumar** Professor Dept. of Electrical Engineering IIT, Madras	Approved through mail on 21-08-2024.
3	**Dr P. Chandra Shekhar** Assistant Professor Dept. of Electrical Engineering IIT, Bhubaneswar	Approved through mail on 23-08-2024.
4	**Mr. M Dharma Raju** D.E., Technical, APEPDCL, Visakhapatnam	Approved through mail on 21-08-2024.
5	Mr. Y.L.V.Santosh Kumar HSE Manager, L&T Hydrocarbon, Visakhapatnam	Approved through mail on 21-08-2024
6	All faculty members	—
7	Dr.R. Sasidhar Associate Professor & HoD	

All faculty members

Chairperson
Board of Studies (EEE)

Chairperson
Board of Studies (EEE)
Avanthi Inst. of Engg. & Tech. (Autonomous)
Cherukupally (V), Near Tagarapuvalasa
Bhogapuram (M), Vizianagaram (Dist) 531162