

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

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BOARD OF STUDIES (UG)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year: 2024-2025

S. No	Name	Designation & Affiliation	Role
1.	Dr. Y. Rajesh Babu	Head of the Department, Dept. of EEE, KITS, Guntur, AP.	Chairman
2.	Dr. Ch Sai Babu	Professor of EEE Dept., UCE Director Academic Audit, JNTUK, Kakinada, AP.-533003	Subject Expert JNTUK University Nominee
3.	Dr. G. V.Siva Krishna Rao	Professor Dept. of EEE, College of Engineering (A) Andhra University Visakhapatnam, AP-530003.	Subject Expert-I Nominated by the Academic Council
4	Dr. Sankar Peddapati	Assist. Professor Dept. of Electrical Engineering, National Institute of Technology Andhra Pradesh, AP.	Subject Expert-II Nominated by the Academic Council
5	Er.N.LakshmanRao	Deputy Executive Engineer, Viduthsouda, AP Genco, Vijayawada, Andhra Pradesh, India	Industrial Expert Nominated by the Academic Council
6	Er.A. Kumar Babu	Assistant Loco Pilot, Nandyal Depot, Guntur Division, South Central Railways	Alumni Member Nominated by the Academic Council
7	Dr.M. Ravindrababu	Assistant Professor University College of Engineering JNTUK Narasaraopet, Narasaraopet, Andhra Pradesh, India-522601	Special Invitee Nominated by the Academic Council
8	Mr.S.Venkatesh	Assist. Professor Dept. of EEE, KITS, Guntur, AP.	Internal Member
9	Mr.M.RajaNayak	Assist. Professor Dept. of EEE, KITS, Guntur, AP.	Internal Member
10	Mr.M.Naveen Kumar	Assist. Professor Dept. of EEE, KITS, Guntur, AP.	Internal Member
11	Mrs.K.Vasanthi	Assist. Professor Dept. of EEE, KITS, Guntur, AP.	Internal Member
12	Mr.T.Nagaraju	Assist. Professor Dept. of EEE, KITS, Guntur, AP.	Internal Member
13	Mr.V.PrudviRaju	Assist. Professor Dept. of EEE, KITS, Guntur, AP.	Internal Member


PRINCIPAL





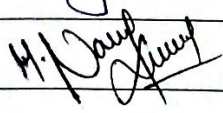

BOARD OF STUDIES MEETING

Department : Electrical and Electronics Engineering
Academic Year : 2024-25 Meeting No. : 04
Date : 11-07-2024 Time : 10.00AM
Venue : ONLINE (ZOOM)

AGENDA:

1. Introduction of Board of Studies
2. Review on 3rd BOS Meeting Minutes
3. Review on Course Structure from 1st Semester to 8th Semester
4. Finalization of syllabus for II B.Tech - Ist and IInd year courses
5. Selection of advanced skill orient courses and soft skill course
6. Selection of mandatory course
7. Summer internships regarding
8. Industry, Institute Interaction-Suggestions for excellence
9. Any other matter with the permission of the chairperson

MEMBERS ATTENDED:

S. No	Name	Role	Signature
1.	Dr. Y. Rajesh Babu	Chairman	
2.	Dr. Ch Sai Babu	Subject Expert from JNTUK	
3.	Dr. G. V.Siva Krishna Rao	Subject Expert-I	
4.	Dr. Sankar Peddapati	Subject Expert-II	
5.	Er.N.Lakshman Rao	Industrial Expert	
6.	Er. A. Kumar Babu	Alumni Member	
7.	Dr.M. Ravindrababu	Special Invitee	
8.	Mr.S.Venkatesh	Internal Member	
9.	Mr.M.RajaNayak	Internal Member	
10.	Mr.M.Naveen Kumar	Internal Member	
11.	Mrs.K.Vasanthi	Internal Member	
12.	Mr.T.Nagaraju	Internal Member	
13.	Mr.V.PrudviRaju	Internal Member	



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Department : **Electrical and Electronics Engineering**
Academic Year : **2024-25** Meeting No. : **04**
Date : **11-07-2024** Time : **10.00AM**
Venue : **ONLINE (ZOOM)**

Minutes of 4th Board of Studies Meeting (R23)

The Chairman of BOS, Department of Electrical and Electronics Engineering (EEE), has welcomed all members and briefed the meeting agenda that has been deliberately considered for discussion.

- Agenda-1** : Introduction of Board of Studies
Discussion : The Chairman has introduced the members .
Agenda-2 : Review on 3th BOS Meeting Minutes-R23 Regulation
Discussion : The Chairman has highlighted the resolution implementation that arrived in the 3rd BOS meeting.
Agenda-3 : Review on course structure from 3rd semester to 8th semester – R23 Regulation.
Discussion : The Chairman has reviewed the course structure from the 3rd semester to the 8th semester and ensured the sequence of the required prerequisite courses for the professions to tackle the most demanding challenges and advance global society's well-being.
Agenda-4 : Finalization of the syllabus for 3rd and 4th-semester courses –R23 Regulation
Resolution : The BOS has deeply analyzed the drafted curriculum and syllabus of II year - R23 regulation. The course content of all subjects from 3rd semester to 4th semester has been appropriately reviewed. The semester-wise details are:

III Semester (II/T):

Electromagnetic Field Theory: It comprises five units in which four units describe electrostatics, conductors, magneto statics, self and mutual inductances and the last unit deals with time varying fields. The syllabus contents were reviewed and approved.



Electrical Circuit Analysis-II: It comprises five units in which four units describe three phase balanced & unbalanced circuits, Laplace transforms, transient analysis, two port network parameters, Fourier analysis and the last unit deals with filters. With

the suggestion of Dr. M. Ravindra Babu, the title of Unit III Network Parameters renamed as **Two port Network Parameters**. The syllabus contents were reviewed and approved.

Electrical Circuits-II and Simulation Laboratory: The experiments are grouped as per the units 'order including the application of simulation tools. Dr. P. Sankar, suggested merging the simulation experiments and including new simulation experiments on uncovered unit topics in associated theory subject. In this context, three new simulation experiments including filters, harmonic analysis and measurement of power and power factor are added. The experiments are reviewed hardware and simulation experiments (using any software tool) and approved.

Electrical Machines-I: It comprises five units in which four units describe DC generators, DC Motors, Transformers and the last unit deals with three phase transformers. Dr. M. Ravindra Babu suggested shifting the topic 'characteristics and applications of DC motors' of unit-II, into Unit I and renaming the Unit I title as 'DC Generators to Introduction to DC machines'. In addition Dr. M. Ravindra Babu, also suggested including 'single phase offload and on load tapping changers of transformer' in Unit III. The syllabus contents were reviewed and approved.

Electrical Machines-I Laboratory: The experiments are grouped as per the units order. The experiments are reviewed and approved.

IV Semester (II/II):

Electrical Machines-II: It comprises five units in which four units describe three phase AC machines includes induction motors, synchronous motors, synchronous generators and its performances and one unit deals with single phase AC motors. The syllabus contents were reviewed and approved.

Electrical Machines-II Laboratory: The experiments are grouped as per the units order. The experiments are reviewed and approved.

Control Systems: It comprises five units in which four units describe mathematical modeling of physical systems, time response analysis, frequency response analysis, stability analysis and last unit deals with state space analysis of physical systems. The syllabus contents were reviewed and approved.

Control Systems and Simulation Laboratory: The list of experiments is grouped in correlation with the unit's order, and contents are reviewed and approved.

The meeting ended with a vote of thanks.

Place: Vinjanampadu

Date: 11-07-2024




Chairman