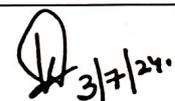
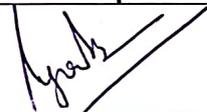
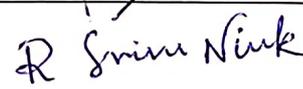
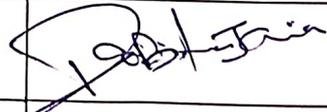
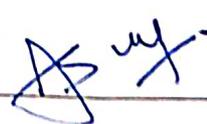


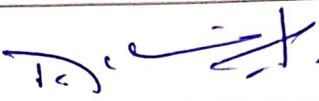
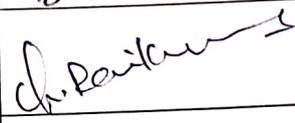
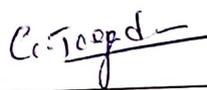
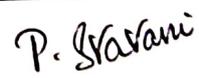
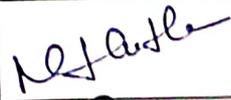
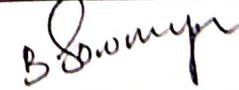
**DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE**  
(An AUTONOMOUS Institute )  
AICTE APPROVED AND PERMANENTLY AFFILIATED TO JNTU-GV,VIZIANAGARAM

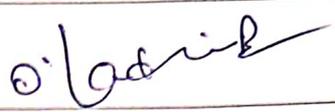
**MINUTES OF BOARD OF STUDIES IN THE FACULTY OF**  
**ELECTRICAL AND ELECTRONICS ENGINEERING**

Minutes of Boards of studies in the faculty of Electrical and Electronics Engineering, as per the orders of the Principal Lr.No. DIET(A)/BOS-EEE/2024-25/02 Dated: 03-07-2024 the board of studies meeting was held on 03-07-2024 at 10:00 AM at the media center and discussed the UG & PG DR23 course structure along with detailed syllabus for B. Tech and M.Tech ( Power & Industrial Drives) courses. The following members have attended the meeting.

**Members Present:**

S.No	Name of the member	Signature
1	Dr. A S L K Gopalamma, HoD,EEE, DIET	
2	Dr. K Srikumar, Principal, JNTU-GV, VZM	
3	Dr. G V Nagesh Kumar, Prof & HoD EEE, JNTU Pulivendula	
4	Dr. R Srinu Naik, Assoc Prof, Dept. of EE, AUCE(A)	
5	Sri. K V Rao, General Manager ( Projects), RINL, VSKP	
6	Mrs. R Rongali Ramya, Commodity Buyer, FORD Motors,Alumni DIET	
7	Dr.Babita Jain, Faculty member	
8	Dr.K.Durga syam prasad, Faculty member	
9	Dr. S. Ramana Kumar Joga, Faculty member	

10	Mr.K.Vijay Kumar, Faculty member	
11	Mr.A.Krishna Nag, Faculty member	
12	Mr.J.Deleep Kumar, Faculty member	
13	Mr.Ch.Ravi Kumar, Faculty member	
14	Mr.K.Srinivas Rao, Faculty member	
15	Mrs. K.Alfoni Jose, Faculty member	
16	Mr.G.Jagadeesh, Faculty member	
17	Mr B V Veeranjanyulu, Faculty member	
18	Mrs.B.Aiswarya, Faculty member	
19	Mrs.P.Jagruthi, Faculty member	
20	Mrs.Ch.Lakshmi Prasanna, Faculty member	
21	Mr.V.Sudhakar, Faculty member	
22	Mrs.P.Sravana Lakshmi, Faculty member	
23	Mrs. M Hemalatha, Faculty member	
24	Ms. B.Sowmya, Faculty member	
25	Mrs. G. Swathi, Faculty member	

26	Mrs. O. Lakshmi Bhavana, Faculty member	
27	Mr K S Gangadhar, Faculty member	
28	Mrs P. Aswini, Faculty member	

At the onset of the meeting, the BoS chairman welcomed all the members and introduced internal BOS members to external BOS members. The meeting began with a presentation of the curriculum of DR23 Electrical and Electronics Engineering for B.Tech, M.Tech I & II semesters. He then presented the syllabus of the all electrical subjects in all semesters for both UG & PG prepared by internal BOS members.

**Agenda:**

1. To approve the UG DR23 B.Tech and M.Tech (Power & Industrial Drives ) Syllabus and to discuss other matters with the permission of chair.
2. To contribute your valuable suggestion in revising the Curriculum & Syllabus based on the industrial requirement and latest technology prevailing in Electrical and Electronics Engineering which can help the student's community to shape themselves for their bright future.
3. The Board of Studies shall recommend the following to the Academic Council:

- (a) Courses of studies;
- (b) Measures for the improvement of the standards of teaching and research;
- (c) Any other academic matters

**Resolutions:**

After thorough discussions, the following points are resolved unanimously,

1. Discussed the proposed course structure and finalized the course structure and syllabus for II B.Tech and M.Tech II year w.e.f. 2024-25 onwards.
2. Discussed about minor modifications in UG Syllabus to inculcate experiential and participatory learning in line with Outcome based education.
3. Discussed about the customized syllabus of Design thinking lab in II-II as course based project with project based learning.
4. Discussed to adopt project based learning topics in PG Syllabus to enrich Industrial-Research oriented studies at PG level *and will follow the R19 Regulation only*
5. The Board authorized BOS Chairman for any minor corrections / additions required in the framed course structure and syllabi.

*Anegopalamma*

*[Signature]*

**BOS Chairman**  
Head of the Department  
Electrical & Electronics Engg.  
Dadi Institute of Engg. Tech.  
Anakapalle - 531 002

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# Department of Electrical and Electronics Engineering

## Report on Minutes of Meeting of Second BoS Members held on 3rd July,2024( A.Y 2024-25)

The Second meeting of the Board of Studies of the Electrical & Electronics department was held on **3rd July, 2024** at 10:00 AM through hybrid mode at DIET campus.

The following points were discussed in the meeting & the minutes were recorded as below:

1. The meeting started with a welcome note by **Dr. K.Durga Syam Prasad, Prof in EEE, Vice Principal**, extending a warm welcome to the Board of Studies (BoS) members.
2. **Dr. K.Durga Syam Prasad** narrated the purpose of the BoS meeting and presented the process being followed in evolving the Department's Vision, Mission, Program Educational Objectives & Program Specific Outcomes.
3. **Dr. K.Durga Syam Prasad** narrated the Academic year wise progress of the department as follows:
  - Teaching Learning process, Industrial Trainings, Online courses & Internships
  - Performance in end semester examination with details of branch toppers
  - Placement & Higher studies details- Year wise
  - Student support systems such as feedback system, Student Mentoring, Co-Curricular & extra-curricular activities
  - Faculty information & contributions in FDPs, Workshops, Industrial Visits
  - Academic research & Academic- Industry interaction through MoUs
  - Department Achievements
4. After the detailed presentation, the suggestions for improvement, operational planning were invited from the members.
5. Initially the members congratulated the progress of the department growth with the involvement of stakeholders.
6. **Dr. K.Durga Syam Prasad** presented the Course structure of B.Tech and M.Tech ( Power & Industrial Drives) and invited suggestions from BoS members.
7. **Dr. A S L K Gopalamma, HoD,EEE** explained the customized syllabus for the II B.Tech curriculum and the importance in line with AICTE Insights (in Virtual Mode)
8. **Dr.K Srikumar , Professor & Principal ,EEE of JNTU GV , VZM ( University Nominee)** suggested
  - Suggested to confine the meeting for II B.Tech course structure and syllabi only

- 
- Asserted not to have any deviation in allocation of credits as per the university-considering a student who wishes to transfer from other colleges/universities to DIET should not face any credits problems.
  - Suggested Inclusion of analog circuits as a separate subject in II-II instead of analog and digital circuits in III-I, considering GATE examination point of view.
  - Suggested to separate Analog and Digital Circuits subject to Analog Circuits and Digital Circuits, which is a vast subject and difficult to complete the syllabus by a faculty in time.
  - In II-II, Induction and Synchronous Machines subject we can include special electrical machines in unit V.
  - Dr.A.S.L.K.Gopalamma, HoD took approval to customize the syllabus (lab experiments) in Design Thinking & innovation lab in II-II.
  - M.Tech II Semester syllabus is to be followed w.r.t R19 regulations.

9. **Dr.G.V.Nagesh Kumar, Professor & HOD,EEE of JNTU Pulivendula** suggested the following points by presenting a presentation:

- The progress of the department in all aspects is going on the right path and he suggested the points related to accreditation.
- The collaborative learning using self-interest groups can be done with other department students which will help the students to get more exposure.
- Discussed the importance of Design/project oriented hands on experience of experiments based on the societal needs and with industry experts.
- Proposed to include simulation(console software) part in II-I electromagnetic field theory and Electrical Machine subject
- Suggested to include current status of power generation part in each unit of power systems – I in II-II
- Suggested to include Design and modeling using micro simulator in each unit of DC machines and Transformer in II-I

10. **Dr. R. Srinu Naik, Assoc. Prof, Dept. of EEE AUCE(A)** suggested to improve research oriented studies followed by importance of AICTE Initiatives in curriculum.

11. **Mrs. R. Ramya**, Commodity Buyer, Ford Motors ( Alumni) shared her vision and thoughts regarding industrial oriented Skill courses implementation like Industrial automation at campus to upgrade the student skill level.She herself happy with the initiatives taken by the department for the betterment of student fraternity.

12. The meeting was closed by extending a heartfelt thanks to all the BoS members by **Dr. K.Durga Syam Prasad** for their valuable suggestions shared by each member towards the progress of the department and assured that the suggestions will be implemented in the forthcoming semesters.

Finally, he thanked all the members for attending the BoS meeting with a request to provide long term support for the prospective development of the department. He requested all the BoS members to authorize the BoS chairman for any minor corrections/additions required in the framed course structure and Syllabi. All the members accepted the request.

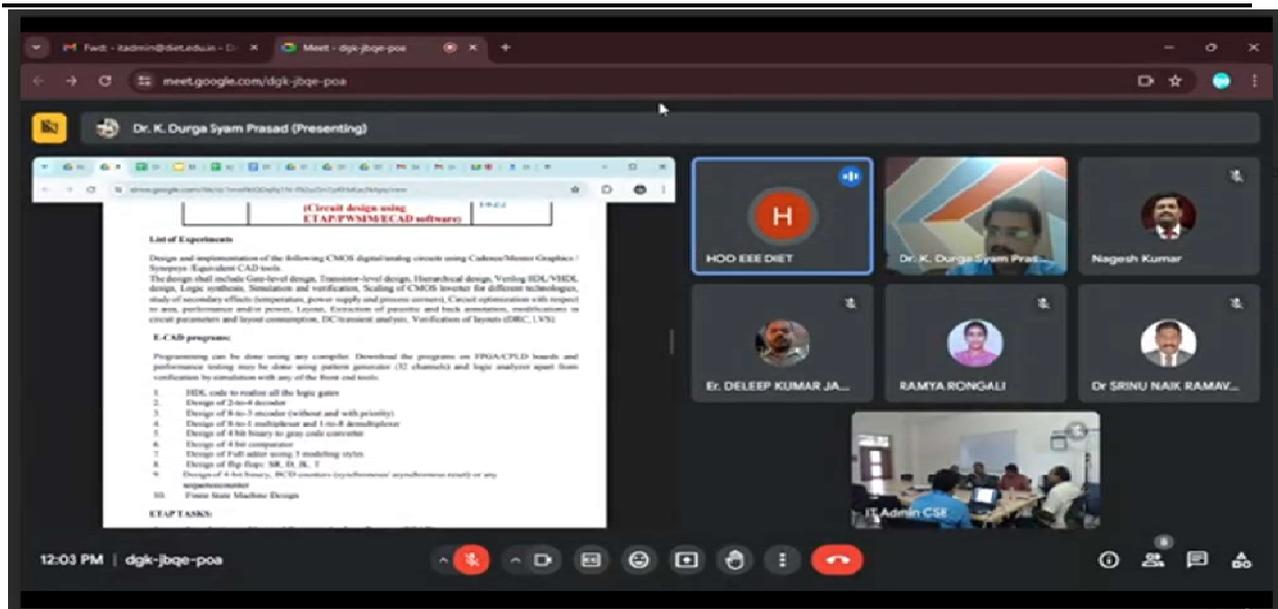
The screenshot shows a Google Meet interface. The main window displays a presentation slide with two tables. The first table is titled 'SIR' and lists 'Skill Enhancement Course' and 'Audit Course' with their respective credit values. The second table is titled 'B.Tech II Year II Semester' and lists various courses with their credit values across four semesters (L, T, P, C) and a total. The presentation is being shared by 'Dr. K. Durga Syam Prasad'. The meeting participants are visible in a grid on the right, including HOO EEE DIET, kalluri Srinivasarao, Nagesh Kumar, Veduta Vishakar, Er. DEEPEE KUMAR, JA..., and RAMYA RONGALI. The bottom status bar shows the time as 11:44 AM and the meeting ID as dgk-jbqe-poa.

SIR		L	T	P	C
8	Skill Enhancement Course	0	1	2	2
9	Audit Course	2	0	0	-
Total		2	1	2	2

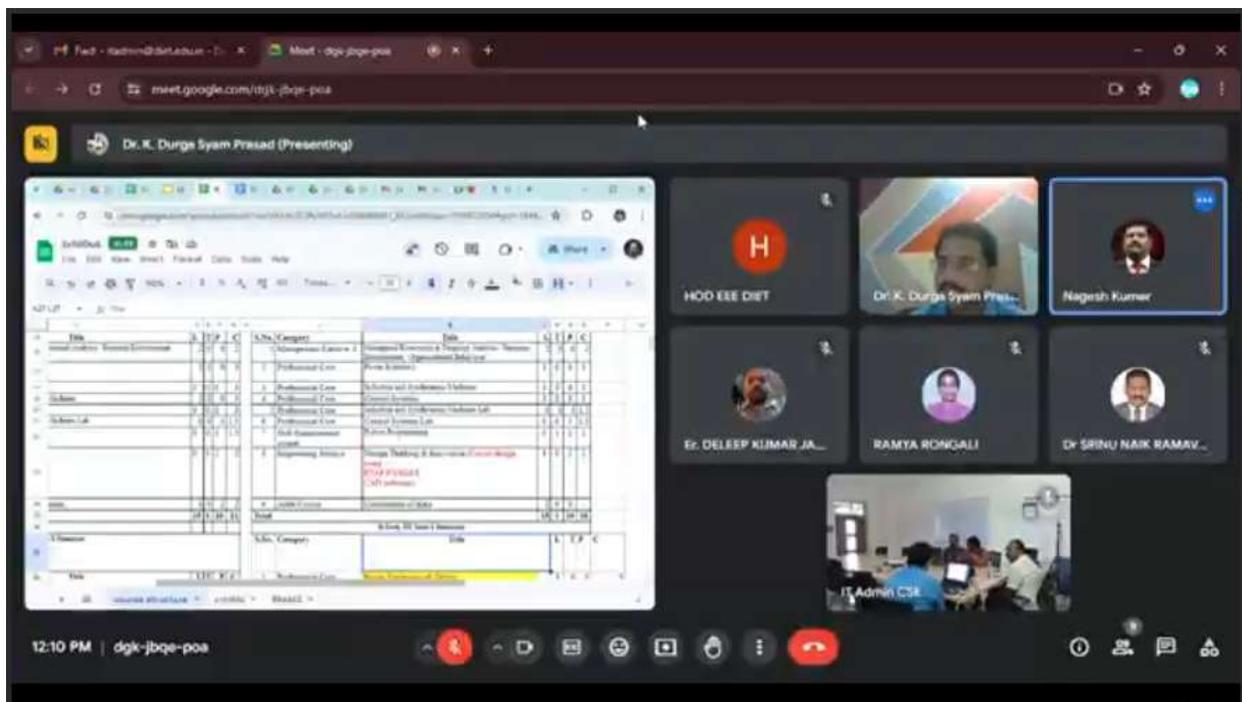
  

B.Tech II Year II Semester		L	T	P	C
1	Management Elective I Managerial Economics & Financial Analysis / Business Environment / Organizational Behaviour	2	0	0	2
2	Professional Core Process Systems-I Introduction and Synthesis Mechanics	3	0	0	3
3	Professional Core Control Systems	3	0	0	3
4	Professional Core Introduction and Synthesis Mechanics-2	0	0	3	3
5	Professional Core Control Systems-2	0	0	3	3
6	Professional Core Control Systems-2	0	1	3	2
7	Skill Enhancement course Python Programming	0	1	3	2
8	Engineering Elective Design Thinking & Innovation AI based design using IT SOFTWARES (CAD software)	1	0	2	2
9	Audit Course Constitution of India	2	0	0	-
Total		15	1	18	18

**Dr. K.Durga Syam Prasad, Prof in EEE, Vice Principal, presenting the department presentation**



**Dr. A S L K Gopalamma, Head of the Department EEE presenting proposed syllabus**



**Dr.G.V.Nagesh Kumar, Professor & HOD,EEE of JNTU Pulivendula suggestions**

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Modeling and Simulation of Power Electronic Systems (Program Electro-V)". The slide content includes:

Sl. No.	Modeling and Simulation of Power Electronic Systems (Program Electro-V)	L-T-P	Credits
		3-0-0	3

**Pre-requisites:** Analysis of Power Electronic Converters

**Course Educational Objectives:**

- To learn the simulation techniques in Power Electronic Converters.
- To learn the modeling of Power Electronic Converters.
- To simulate control methods for Power Electronic Converters.

**ENET-1**

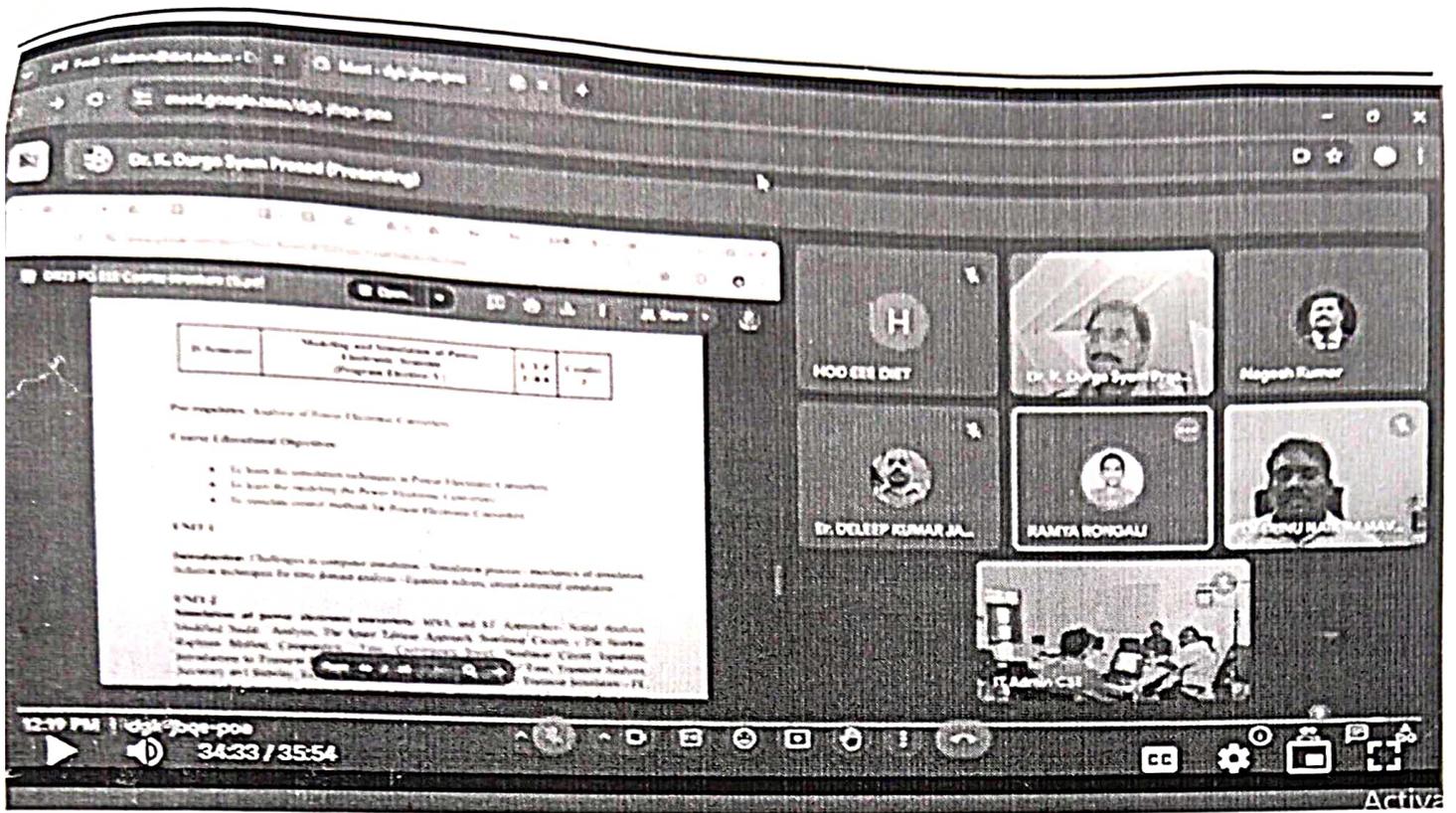
**Introduction:** Challenges in computer simulation - Simulation process - mechanics of simulation, Solution techniques for time domain analysis - Equation solvers, circuit-oriented simulation.

**ENET-2**

Simulation of power electronic converters: MSA and ST Approaches- Nodal Analysis, Modified Nodal Analysis, The State Equation Approach, Nonlinear Circuits - The Newton-Raphson Method, Comparative Time-Conversion Error, Nonlinear Circuit Equations, Introduction to Treatment of Time-Conversion Error, Treatment Analysis, Accuracy and Stability, Treatment Simulation - FT.

The meeting participants visible are: HOD EEE DIET, Dr. K. Durga Syam Prasad (Presenting), Nagesh Kumar, Er. DEEPEE KUMAR JA..., RAMYA RONGALI, and CV VINU NARAYAN MAV... The bottom of the screen shows a video player with a progress bar at 34:33 / 35:54.

**Alumni : Mrs. R. Ramya, Commodity Buyer, Ford Motors suggestions**



Alumni : Mrs. R. Ramya, Commodity Buyer, Ford Motors suggestions

  
 Anugopalamma  
 3/9/24  
 BoS Chairman  
 Head of the Department  
 Electrical & Electronics Engg.  
 Dadi Institute of Engg. Tech.  
 Anakapalle - 531 002