



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institute)

Approved by AICTE & Permanently affiliated to JNTU GV
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute
NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

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II BoS ECE -DIET(A) for DR23 B.Tech and M.Tech(VLSI) Regulations MoM

Date:27/06/2024

Time:10:AM to 12:00PM

Mode: Blended Mode

Agenda:

1. Presentation of the proposed course structure for 2-1, 2-2, 3-1, 3-2, 4-1, and 4-2 semesters of DR23-B.Tech and M.Tech(VLSI)ECE.
2. Discussion of the changes made in the syllabus.

Minutes:

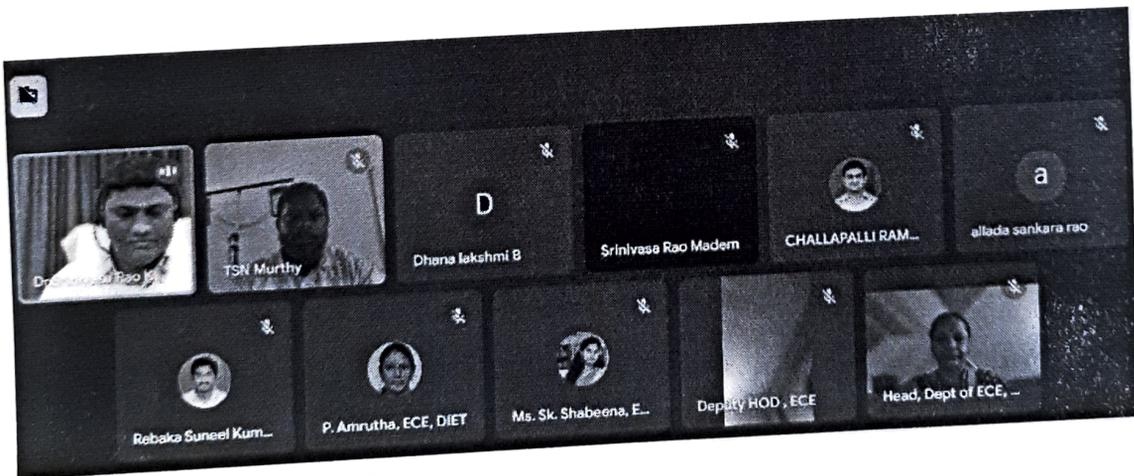
1. All panel members joined the meeting, which commenced with a presentation of the proposed course structure for the 2-1, 2-2, 3-1, 3-2, 4-1, and 4-2 semesters of DR23B.Tech ECE.
2. Discussion of changes:
 - o Semester 2-1:
 - Skill Enhancement Course: PCB Design and Prototype Development swapped with Python Programming from semester 3-1 to align with the introduction of Python Programming as an elective. - **Approved**
 - o Semester 2-2:
 - No changes; follows the JNTUGV-R23 course structure - **Approved**
 - o Semester 3-1:
 - Skill Course: PCB Design and Prototype Development moved to semester 2-1- **Approved**
 - Professional Elective-1: Renamed "Machine Learning" to "Machine Learning & Artificial Intelligence" using the syllabus from JNTUK-R19. - **Approved**
 - Professional Core Course (PCC): Removed "Antennas and Wave Propagation" and selected "Wireless and Mobile Communication" (Professional Elective-2 in semester 3-2) and included one chapter on antennas. - **Needs approval**
 - o Semester 3-2:
 - Professional Core Course (PCC): "Microwave and Optical Communications" moved to semester 4-2. Two 3-credit courses and one 2-credit course are added to the 4-2 semester to engage students along with project work. - **Needs approval**

- New PCC: "Internet of Things" course selected. - **Needs approval**
 - PCC-Lab: "Microwave and Optical Communication Lab" replaced with "IoT Lab."
 - Only one elective kept- **Approved**
 - Semester 4-1:
 - Professional Elective-3: "DIVP" (syllabus from JNTUK-R19) replaces "DIP."-**Approved**
 - Professional Elective-4: "Satellite Communications" added-**Approved**
 - Skill Course: "Autonomous Drones" (syllabus from VIT Vellore) replaces "Industrial IoT Automation." -**Approved**
 - Semester 4-2:
 - Structure: Two 3-credit courses and one 2-credit course to ensure student engagement along with project work - **Needs approval**
 - Professional Elective-5: "MEMS and its Applications" (syllabus from R19) introduced. - **Approved**
 - PCC: "Microwave and Optical Communication Engineering" from semester 3-2 – **Needs approval**
 - Skill Course: "AI & Signal Processing" moved from semester 3-2 to 4-2. - **Needs approval**
 - Credit Distribution:
 - Total credits remain unchanged at 160.
 - Credit distribution across all subject categories adjusted as per AICTE guidelines.
3. After discussing these changes, BoS members from outside JNTUGV suggested following the parent university regulations. The BoS member from JNTUGV suggested not to deviate beyond 10% from APSICHE regulations.
 4. There was a discussion on the removal of the subject "Antennas and Wave Propagation" in semester 3-1, which led to a suggestion to incorporate essential fundamentals of that subject into other relevant subjects. A detailed syllabus for these subjects will be prepared, investigated, and approved later.
 5. There was a discussion on including subjects in the 4-2 semester along with the project. Approval for this will be updated after consulting higher authorities.
 6. The detailed curriculum and syllabi need to be submitted for verification and approval.





Dr. T. S.N.Murthy, Assistant Professor, JNTU-GV attended the BoS meeting



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MINUTES OF BOARD OF STUDIES

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Boards of studies in the Department of Electronics and Communication Engineering, as per the orders of the Principal Lr.No. DIET(A)/BOS-ECE/2023-24/01 Dated: 19.12.2023 the board of studies meeting is held on 27-06-2024 in hybrid mode at DIET campus and discussed DR23 - B.Tech and M.Tech (VLSI) course structure and detailed syllabus. The following members have attended the meeting.

Members Present:

S.No	Name of the BOS Member	Designation	Signature
1	Dr.P.Poorna Priya	Professor and HoD ECE, DIET	P-Poorna Priya 27/6/24
2	Dr. T.S.N.Murthy	Assistant Professor, ECE JNTU-GV CEV(A), VZM	T.S.N. Murthy 27/6/24
3	Dr. K Padma Priya	Professor, ECE, JNTU Kakinada	K. Padma Priya
4	Dr. K Srinivasa Rao	Professor, Dept .of ECE, KLEF(Deemed to be University)	K. Srinivasa Rao
5	Sri. M. Srinivasa Rao	Scientist-G,NSTL, Visakhapatnam	M. Srinivasa Rao
6	Mr.J. Bharath Narayana	System Engineer, SONY Limited, India	J. Bharath Narayana
7	Dr.K.Parvathi	Professor	K. Parvathi
8	Dr.B.Anjanees Kumar	Associate Professor	B. Anjanees Kumar
9	Dr.A.Nalinees Kumari	Assistant Professor	A. Nalinees Kumari 27/6/24
10	Mr.K.S.N.V Someswara Rao	Assistant Professor	K.S.N.V Someswara Rao
11	Mrs.D.L.Mythri	Assistant Professor	D.L. Mythri
12	Mrs.B.T. Archana	Assistant Professor	B.T. Archana 27/6/24
13	Ms.Sk.Shabeena	Assistant Professor	S.K. Shabeena
14	Mr.R.Suneel Kumar	Assistant Professor	R. Suneel Kumar 27/6/24
15	Mr.A.Sankara Rao	Assistant Professor	A. Sankara Rao
16	Mrs.G.Siva Kumari	Assistant Professor	G. Siva Kumari
17	Mr.S.Veeraraju	Assistant Professor	S. Veeraraju
18	Mr.Ch.Ramana Babu	Assistant Professor	Ch. Ramana Babu
19	Mrs.Jyothsna Panigrahi	Assistant Professor	Jyothsna Panigrahi
20	Mrs.Dhana Lakshmi	Assistant Professor	Dhana Lakshmi
21	Mr.K Srinivasa Rao	Assistant Professor	K. Srinivasa Rao