GOVERNMENT POLYTECHNIC, TADIPATRI

DIPLOMA IN ELECTRONICS AND COMMUNICATION ENGINEERING SECTION

FACULTY DETAILS

1. Faculty Profile

Name	OBULESU DANDU
Designation	LECTURER IN ECE
Department	ELECTRONICS AND COMMUNICATION ENGG.
PhoneNumber	9393046522
EmailID	obulesu2421@gmail.com
Dateofjoininginthe Department	16-10-2013
DateofjoininginthePresent institute	13-01-2022

2. EducationalQualifications

Qualification	Specialization	Date of Passing(DD-MM-YYYY)	University/Board
UG (B.Tech)	ECE	APRIL-2005	RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY, NANDYAL,A.P
PG (M.Tech)	Electronic Systems & Communications	April- 2013	NIT, ROURKELA

3. Teaching&Industry Experience

Experience Type	Institution/Organization	Duration (From–To)	Total Years
Teaching	Govt. Polytechnic, Dharmavaram	16-10-2013to 12-01-2022	12
	Govt.Polytechnic,Tadipatri	13-01-2022to till Date	

5. Research& Publications

S.No	Title Of Paper Publication/Conference	Description Of Publication/Conference	Year
1	Enhancing Low-Power Performance of GAA-TFETs through work function optimization	IEEE	Jan 2025
2	Performance Analysis of Channel Engineered GAA-TFETs for Optimized Device Design	IEEE	Feb 2025

6. ProfessionalMemberships(MembershipinProfessionalBodies(IEEE,ISTE,IEI,etc.))

S.No	NameOftheProfessional Bodies	Type Of Membership	MembershipNumber
-	-	-	-

7. Workshops/FDPs/STTPs Attended

S. No	Academic Year	NameOfTheTraining Program	Institute&Place OfTheTraining	Duration
1.	2014-15	Schematic and simulation using MULTISIM	NITTTR, Chennai	1 week
2.	2015-16	Induction Programming for newly recruited teachers	NITTTR, Chennai	2 week

3.	2016-17	Human resource Management	NITTTR, Chennai	1 week
4.	2016-17	VHDL programming and Implementation in FPGA	NITTTR, Chennai	1 week
5.	2018-19	Electrical CAD and Microcontrollers	NITTTR, Chennai	2 week
6.	2021-22	MATLAB and Verilog Programming	NITTTR, Chennai	2 week
7.	2024-25	Three weeks Industrial Training for Faculty	ECIL, Hyderabad	3 week
8.	2025-26	Industrial Training Programme for EIE and ECE	NITTTR, Chennai	3 week

8. MOOCs/NPTEL/SWAYAM Certifications:

S. No	Academic Year	MOOCs/NPTEL/ SWAYAM	Course Name	Duration
1	2023-24	NPTEL	SystemDesign Through Verilog	8 weeks
2	2023-24	NPTEL	Research Methodology	8 weeks
3	2023-24	NPTEL	Intellectual Property Rights and Competition Law	8 weeks
4	2024-25	MOOCs	Module 1: Orientation towards Technical Educationand Curriculum Aspects	8 weeks
5	2024-25	MOOCs	Module 2: Professional Ethics and Sustainability	8 weeks
6	2024-25	MOOCs	Module 3: Communication Skills, Modes andKnowledge Dissemination	8 weeks

7	2024-25	MOOCs	Module 4: Instructional Planningand Delivery	8 weeks
8	2024-25	MOOCs	Module 5: Technology Enabled Learning and Life-longSelf Learning	8 weeks
9	2024-25	MOOCs	Module 6: Student Assessmentand Evaluation	8 weeks
10	2024-25	MOOCs	Module 7: Creative Problem Solving, Innovationand Meaningful R&D	8 weeks
11	2024-25	MOOCs	Module 8: Institutional Management and Administrative Procedures	8 weeks
12	2024-25	NPTEL	Semiconductor Devices for Next generation Field Effect Transistors (More than Moore); A Physical Perspective	12 weeks
13	2024-25	NPTEL	VLSI Physical Design	12 weeks
14	2025-26	NPTEL	Research Publication Ethics	12 weeks