

GOVERNMENT POLYTECHNIC, TADIPATRI
DIPLOMA IN ELECTRONICS AND COMMUNICATION ENGINEERING SECTION
FACULTY DETAILS



1. Faculty Profile

Name	B. KRISHNA BHARATHI
Designation	LECTURER IN ECE
Department	ELECTRONICS AND COMMUNICATION ENGG.
PhoneNumber	8179688173
EmailID	nbatdpbharathi@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-2010	Bhoji Reddy Engineering College for Women
PG (M.Tech)	VLSI Design & Embedded Systems	Nov- 2013	Osmania University, Hyderabad

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	Optimizing Drain Thickness in Double Material Gate Charge Plasma TFET Enhanced Vertical and Lateral Performance	Journal in Springer Scopus	July 2025
2	Comparative Analysis of Charge Plasma Vertical TFET Structures with HfO ₂ and SiO ₂ Gate dielectric materials	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	Wavelets and It's applications	JNTU, Hyderabad	1 week
2.	2015-16	Induction Program for new recruited teachers	NITTTTR, Chennai	2 week

3.	2018-19	MATLAB and Lab View Programming	NITTTR, Chennai	2 week
4	2018-19	Advanced Communication Systems	NITTTR, Chennai	1 week
5	2020-21	Competency Based Instructions in ECE as per C-20 curriculum of AP	NITTTR, Chennai	1 week
6	2022-23	Competency Based Instructions and Evaluation in Microwave Communication & Antennas Lab	NITTTR, Chennai	2 week
7.	2022-23	Three weeks Industrial Training Program	Effotronics	3 week
8	2024-25	Nano scale semi conductor modeling and characterization	RGMCET, Nandyal	1 week
9	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 and Knowledge Dissemination	8 weeks
7	2024-25	MOOCs	Module 4: Instructional Planning and Delivery	8 weeks
8	2024-25	MOOCs	Module 5: Technology Enabled Learning and Life-long Self Learning	8 weeks
9	2024-25	MOOCs	Module 6: Student Assessment and Evaluation	8 weeks
10	2024-25	MOOCs	Module 7: Creative Problem Solving, Innovation and 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