GOVERNMENT POLYTECHNIC, TADIPATRI

DIPLOMA IN ELECTRONICS AND COMMUNICATION ENGINEERING SECTION

FACULTY DETAILS

1. Faculty Profile

Name	SUNIL KUMAR RAMANATHULA
Designation	LECTURER IN ECE
Department	ELECTRONICS AND COMMUNICATION ENGG.
Phone Number	9966148219
Email ID	sunil.rsk04@gmail.com
Date of joining in the Department	17-10-2013
Date of joining in the Present institute	13-01-2022

2. Educational Qualifications

Qualification	Specialization	Date of Passing(DD-MM-YYYY)	University/Board
UG(B.Tech)	ECE	APRIL-2009	ALFA COLLEGE OF ENGINEERING & TECHNOLOGY, ALLAGADDA Affiliated to JNTUA, ANNATHAPURAMU
PG	Digital Electronics & Communication Systems	July-2018	JNTUA, ANATAPUR
PG	M.B.A in Digital Governance & Management	July-2022	Indian Institute of Management (IIM), Visakhapatnam
Ph.D	VLSI	Pursuing	V University College of Engineering, Sri Venkateswara University, Tirupati, India

3. Teaching & Industry Experience

Experience Type	Institution/ Organization	Duration (From – To)	Total Years
Teaching	Govt. Polytechnic for Women, Hindupur	17-10-2013 to 12-01-2022	14
	Govt. Polytechnic, Tadipatri	13-01-2022 to till Date	
	Alfa College of Engineering Technology, Allagadda	01-06-2010 to 30-11-2012	

5. Research & Publications

Publications in International / National Journals:

Authors	**Sunil Kumar Ramanathula , and B. Anuradha,**
Title	Performance Analysis of Graphene Nanoribbon Based through Silicon Vias for 3D-ICs
Journal	*, Russian Microelectronics, 2024,. © Pleiades Publishing, Ltd., 2024.*
Volume no	*Vol. 53*
Issue No	2
Page No ,ISSN-No	*175–181 , ISSN 1063-7397*
Year	February 10, 2024
Publisher	*Russian Microelectronics*,
Place	On line journal

Authors	**Sunil Kumar Ramanathula , and B. Anuradha,**
Title	Reduced Crosstalk Effects in Integrated Circuits Based on Through Silicon Vias
Journal	*Russian Microelectronics*
Volume no	*Vol. 53*
Issue No	*Suppl. 1*
Page No ,ISSN-No	*. S79–S83, ISSN 1063-7397*
Year	October 20, 2024
Publisher	*Pleiades Publishing, Ltd.*
Place	On line journal

6. Professional Memberships (Membership in Professional Bodies (IEEE, ISTE, IEI, etc.))

S.No	Name Of the Professional Bodies	Type Of Membership	Membership Number
1.	IEI	LIFE TIME MEMBER	047270
2.	IEENG	LIFE TIME MEMBER	244153

7. Workshops / FDPs / STTPs Attended

S. No	Academic Year	Name Of The Training Program	Institute & Place Of The Training	Duration
1.	**2025-26**	**Industrial Training Programme for EIE and ECE**	NITTTR Chennai	3 weeks
2.	2023-24	Design of Smart Digital Integrated Circuits by using CADENCE	CENTRAL INSTITUTE OF TOOL DESIGN, HYDERABAD	3 weeks
3.	2023-24	Exploring the cutting – edge World of Chip Design	JNTUA COLLEGE OF ENGINEERING, Anantapuramu	1 Weeks
4	2021-22	Simulation using ORCAD-PSPICE	NITTTR Chennai	1 Weeks
5	2018-19	Laboratory Instruction in Digital Electronics	NITTTR, ECV,	1 Weeks
6	2018-19	Web Designing	NITTTR Chennai	1 Weeks
7	2018-19	MATLAB and Lab VIEW programming	NITTTR Chennai	2 Weeks
8	2017-18	Cisco, CCENT instructor	SBTETAP	2 Week
9	2017-18	VHDL Programming and Implementation in FPGA	NITTTR Chennai	1 Week

10	2017-18	Cisco, IT Essentials	SBTETAP	1 Week
11	2016-17	Mobile Communication	NITTTR, ECH	1 Week
12	2015-16	Mobile Computing	NITTTR Chennai	1 Weeks
13	2015-16	Induction Training Programme for newly Recruited Teachers	NITTTR Chennai	2 Weeks
14	2014-15	E-learning and ICT Teaching Learning	JNTUH, Hyderabad	1 Weeks

- **MOOCs/NPTEL/SWAYAM Certifications:**

S. No	Academic Year	MOOCs/NPTEL/ SWAYAM	Course Name	Duration
1	2025-26	MOOCS	Government Officials Training Program (Basic) on"Introduction toBlockchain Technology"	1 week
2	2025-26	MOOCS	Research Documentation and Proposal Writing:LaTeX, IPR & Beyond	1 week
3	2024-25	MOOCS	Software & Network Security Fundamentals	1 week
4	2024-25	MOOCS	Machine Learning for Cyber Security	1 week
5	2023-24	NPTEL	VLSI Interconnects	
6	2023-24	NPTEL	System Design Through Verilog	8 weeks
7	2023-24	NPTEL	Research Methodology	8 weeks

8	2024-25	MOOCs	Module 1: Orientation towards Technical Education and Curriculum Aspects	8 weeks
9	2024-25	MOOCs	Module 2: Professional Ethics and Sustainability	8 weeks
10	2024-25	MOOCs	Module 3: Communication Skills, Modes and Knowledge Dissemination	8 weeks
11	2024-25	MOOCs	Module 4: Instructional Planning and Delivery	8 weeks
12	2024-25	MOOCs	Module 5: Technology Enabled Learning and Life-long Self Learning	8 weeks
13	2024-25	MOOCs	Module 6: Student Assessment and Evaluation	8 weeks
14	2024-25	MOOCs	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	8 weeks
15	2024-25	MOOCs	Module 8: Institutional Management and Administrative Procedures	8 weeks