

FACULTY OF ENGINEERING & TECHNOLOGY-ELECTRONICS AND COMMUNICATIONS ENGINEERING DEPARTMENT

S.No	Name of the Supervisor	Designation , Email id, Contact Mobile No	Area of Specialization	Experience in years	No of Slots available for January 2024 admission
1	Dr. Arun Balodi	Professor & Chairman, arunbalodi-ece@dsu.edu.in, 9634305552	PhD from the Department of Electrical Engineering, Indian Institute of Technology, Roorkee, India, 2018, M. Tech., Digital Signal Processing (Gold Medal). My research areas are Biomedical Signal and Image Processing, Medical Image Analysis, Machine Learning, Pattern Recognition, and Artificial Intelligence. Google Scholar Website	11	8
2	Dr. BM Ashwin Desai	Associate Professor, ashwin-ece@dsu.edu.in , 7259867378	Dr. Desai (MS and PhD- IIT Madras) co-leads along with Dr. Pronama Biswas (SBAS) an innovative and interdisciplinary research lab 'SynTech Bio Solutions', managing a significant SERB-DST (Rs. 31.2 lakhs) project alongside 2 seed grant projects (Rs. 12.4 lakhs). His current research interests focus on sustainable nanotechnology applications, nano-vehicles for medical interventions, AI-driven drug discovery, molecular docking simulations, applications of High-Voltage and Electrical grounding. Googlescholar Personalwebsite	7.2	6
3	Dr.Arun Ananthanarayanan	Associate Professor, arunananthanarayanan@dsu.edu.in,9840183062	Wireless Networks,Speech compression and Coding. https://scholar.google.co.in/citations?user=WX9n9c0AAAAJ&hl=en	11	2
5	Dr. Shirshendu Roy	Assistant Professor, shirshenduroy-ece@dsu.edu.in, ph - 9330324297	VLSI Signal Processing (Digital Hardware Implementation of signal, image, video processing algorithms, machine learning algorithms, compressed sensing algorithms etc.)	6.5	3

6	Dr. Pushpa P V	Professor, pushpa-ece@dsu.edu.in 9448955325	Wireless sensor networks, Context aware computing, soft computing, quantum computing https://scholar.google.co.in/citations?user=1uO7hDgAAAAJ&hl=en	27	3
7	Dr.Vinu R	Associate Professor vinur-ece@dsu.edu.in 9633440988	Wireless Communication, Wireless Sensor Networks, Internet of things, Neural Networks, Control and Optimization Techniques https://scholar.google.com/citations?user=uShr5B8AAAAJ&hl=en	16	6
8	Dr. Bhawani Patnaik	Assistant Professor, dr.bhawani-ece@dsu.edu.in	Power optimization from solar photovoltaic array under NUI	15	4
9	Dr. Supraja Eduru	Assistant Professor, supraja-ece@dsu.edu.in, 8903648705	Wireless Communications, Massive MIMO, VLSI System Design	14	4
10	Dr. Rupam Bhaduri	Professor, dr.rupambh-ece@dsu.edu.in, (M) 8095065200	AI-ML for IC-MAP Project Funded by Govt. of India (DST, MST). AI-ML applications for Renewable Energy Systems, Control Systems, AI-ML for Robotics, Renewable Energy Systems- Micro-Grid, Smart-Grids, EVs,	20	5
11	Dr. Godfrey D	Assistant Professor, godfrey-ece@dsu.edu.in, ph - 7904020564	VLSI, Simulation of GaN HEMT, Deep Learning for GaN HEMT, machine learning algorithms for Devices.	9.5	2
12	Dr. Rashmita sahoo	Assistant Professor, rashmita-ece@dsu.edu.in, ph- 8971275871	Completed Ph.D. from IIT MADRAS, 2023. Current Project: submarine detection from high altitude platform using laser communication. M.Tech: Jadavpur University, Kolkata. Area of interest: optical wireless communication, Wireless channel modelling, performance analysis and improvement. Machine learning, computer vision, statistical signal processing.	6 years	2

13	Dr.Theodore Chandra S	Associate Professor, theodore-ece@dsu.edu.in, ph - 9585595328	VLSI, Device Modeling	12.5	2
14	Dr. Sneha Sharma	Assistant Professor snehasharma-ece@dsu.edu.in ph- 9475949378	optical fiber communication, microwave and photonics	11	0
15	Dr. Saara K	Associate professor, saara-ece@dsu.edu.in, ph- 9620461641	MEMS, BIO-MEMS, RF-MEMS, MOEMS, FBG, PHOTONICS, MICRO Fluidic devices	15	5
16	Dr. Gayathri K M	Associate Professor, gayathri-ece@dsu.edu.in, ph.9886498417	RF communication, VLSI, signal processing	15	4
17	Dr Pushpa Mala S	Associate Professor, pushpa.mala-ece@dsu.edu.in, 9986911191	VLSI Sub System Design, Signal Processing, Image Processing	15	1
18	Dr Puttamadappa C	Registrar, registrar@dsu.edu.in, 9845716228	Wireless Networks, Electronics Devices	28	0
19	S. Arungalai Vendan	Professor, arungalai-ece@dsu.edu.in, 9994748264	Electromechanical, Electro-Magnetic, Electronics in manufacturing	17	3