

**NATIONAL INSTITUTE OF TECHNOLOGY CALICUT**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**FACULTY LIST (last updated: 03-11-2022)**

Sl. No.	Name of the Faculty	Qualification (highest degree)	Graduating Institute	Designation	Area of Specialization
1	P S SATHIDEVI	Ph D	NIT Calicut (2003)	Professor	Speech and Audio Processing, Biomedical Signal Processing, Wavelets, Cryptography
2	A V BABU	Ph D	NIT Calicut (2008)	Professor	Wireless Communications, Communication Networks
3	S M SAMEER	Ph D	IIT Kharagpur (2009)	Professor	Wireless Communications, Estimation Theory
4	DEEPTHI P P	Ph D	NIT Calicut (2009)	Professor	Channel Coding, Cryptography, Multimedia Security and Secure Signal Processing
5	SREELEKHA G	Ph D	NIT Calicut (2009)	Professor	Image & Video Processing, Biomedical Signal Processing
6	G ABHILASH	Ph D	IISc Bangalore (2001)	Associate Professor	Signal Theory/Processing
7	LYLA B DAS	M Tech	NIT Calicut (1993)	Associate Professor	Machine Learning, Artificial Intelligence, Data Structures and Algorithms , Digital System Design ,Embedded Systems, Microprocessors and Microcontrollers
8	JAIKUMAR M G	Ph D	IIT Madras(2022)	Associate Professor	Semiconductor Devices: Modeling and Fabrication, Power Semiconductor Devices, SiC Power MOSFETs
9	R SURESH	M Tech	CUSAT (1995)	Associate Professor	Communication
10	DHANARAJ K J	Ph D	IIT Delhi (2016)	Associate Professor	Low Power Analog IC Design, VLSI Architectures for Signal Processing, Neuromorphic Chip Design
11	SUDHISH N GEORGE	Ph D	NIT Calicut (2014)	Associate Professor	Machine Learning, Image Processing, Computer Vision, Deep Learning
12	PRAVEEN SANKARAN	Ph D	Old Dominion University (ODU) (2009)	Associate Professor	Statistical pattern analysis, Computer Vision, Medical Image Analysis, Drone Analytics
13	SAKTHIVEL V	Ph D	NIT Calicut (2016)	Assistant Professor	Digital Signal Processing, Multirate Filter Banks
14	BHUVAN B	Ph D	IIT Delhi (2022)	Assistant Professor	Integrated circuit design and CMOS image sensors
15	RAGHU C V	Ph D	IISc Bangalore (2018)	Assistant Professor	Electronic System Design, Control Systems, Electronic Circuits ,Electronic Packaging, EMI/EMC
16	SUJA K J	Ph D	NIT Calicut (2015)	Assistant Professor	Microelectronics & VLSI Design
17	BINDIYA T S	Ph D	NIT Calicut (2014)	Assistant Professor	FPGA/ASIC Implementation of Signal Processing/Neural Network Architectures, Digital VLSI Circuits/Systems, DSP Algorithms/Architectures, Multirate Filters and Filter Banks
18	AMEER P M	Ph D	NIT Calicut (2013)	Assistant Professor	Wireless Networks
19	JAYAKUMAR E P	Ph D	NIT Calicut (2015)	Assistant Professor	Speech and Audio Processing, VLSI Architecture for Digital Signal Processing, Digital IC design
20	VENU ANAND	Ph D	IISc Bangalore (2017)	Assistant Professor	Microelectronics, Electronic Instrumentation, Soft Robotics
21	LINTU RAJAN	Ph D	NIT Jaipur (2017)	Assistant Professor	Semiconductor device fabrication and modelling. gas sensors, Sensors, Thinfilms, Nanotechnology, MEMS, Machine learning for device optimization

22	SUDEEP P V	Ph D	NIT Tiruchirappalli (2016)	Assistant Professor	Medical Image Analysis, Machine Learning, Deep Learning, Computer Vision, NLP
23	GOPI KRISHNA SARAMEKALA	Ph D	NIT Rourkela (2017)	Assistant Professor	Modeling, Simulation and Fabrication of Semiconductor Devices, 2D Materials based Devices, Machine Learning for Semiconductor Devices
24	VINAY JOSEPH	Ph D	The University of Texas at Austin (2013)	Assistant Professor	Resource allocation in communication networks, Stochastic optimization
25	ANUP APREM	Ph D	University of British Columbia, Vancouver (2018)	Assistant Professor	Statistical Signal Processing and Bayesian Machine Learning
26	CHANDAN YADAV	Ph D	IIIT Kanpur (2017)	Assistant Professor	Compact Modeling and Numerical simulation analysis of Semiconductor devices; Research in sub-THz and THz frequency range: Imaging, electrical characterization, Circuit and System Design; Electronics for Quantum Computing Application; Application of Machine Learning in Semiconductor device research.
27	SURYA PRAKASH M	Ph D	IIT Guwahati (2016)	Assistant Professor	Signal Processing algorithms and VLSI Architectures, VLSI for communications, VLSI for multimedia, ASIC design.
28	WAQUAR AHMAD	Ph D	IIT Kanpur (2015)	Assistant Professor	Speaker Recognition/Verification Automatic Speech Recognition Detection and Classification of Acoustic Scenes and Events speech enhancement
29	ASHUTOSH MISHRA	Ph D	IIT Kharagpur (2017)	Assistant Professor	VLSI Architecture Design, Image Processing, Medical Image Analysis, Multimedia Signal Processing, and Digital IC Design.
30	AKHIL P T	Ph D	IISc, Bangalore (2017)	Assistant Professor	Optimization, control and learning in networks
31	LALIT KUMAR	Ph D	IIIT, Design and Manufacturing, Jabalpur (2019)	Assistant Professor	RF/ Microwave Reconfigurable Filters and Antenna, Microwave and millimeter-wave devices characterization, and other microwave passive circuits
32	ASWATHI R NAIR	Ph D	IISc Bangalore (2018)	Assistant Professor	Semiconductor devices - modeling and fabrication; Neuromorphic devices; Flexible and wearable electronics
33	NUJOOM SAGEER KARAT	Ph D	IISc Bangalore (2020)	Assistant Professor	Coding Theory and Applications
34	JAILSINGH BHOOKIYA	Ph D	NIT Warangal (2021)	Assistant Professor	Electronic System Design, Internet of Things, Soft Computing, Optimization, AI/ML and Optimal Control
35	CHITHIRA P R	Ph D	IIT Madras (2019)	Assistant Professor	Statistical Timing Analysis, Digital circuit design, CAD for VLSI
36	BINI A A	Ph D	NIT Surathkal (2015)	Assistant Professor	Signal Processing, Image Processing
37	SRINIVASARAO CHINTAGUNTA	Ph D	NIT Tiruchirappalli (2018)	Assistant Professor	Array Signal Processing, MIMO radar, PAPR reduction of OFDM & OTFS
38	RAKESH R T	Ph D	IIT Kharagpur (2019)	Assistant Professor	Signal processing and resource allocation for wireless communications; Geometrical modeling of wireless channels; Machine learning for communications
39	NAJLAH C P	Ph D	NIT Calicut (2022)	Assistant Professor (Adhoc)	Communication
40	STEFFY MARIA JOSEPH	Ph D	NIT Calicut (2022)	Assistant Professor (Adhoc)	Signal Processing
41	ANUSHA P	M Tech	NIT Surathkal (2017)	Assistant Professor (Adhoc)	Nanotechnology