

**Dept: Applied Sciences & Humanities and Social Sciences**

Sl No	Faculty (full Name)	Area(s)	Email
1.	Dr. Saidi Reddy Parne	Photonics, Fiber Bragg Grating Sensors, Radar Absorption Materials and Gas Sensing	psreddy@nitgoa.ac.in
2.	Dr. Velavan K	Inorganic Chemistry	velavan@nitgoa.ac.in
3.	Dr. Ravi Ragoju	Fluid Dynamics and Stability Analysis	ravi@nitgoa.ac.in
4.	Dr. Ravi Prasad K J	Mathematics of AI and Machine Learning	k.j.raviprasad@nitgoa.ac.in
5.	Dr. L. Shangerganesh	Partial Differential Equations, Mathematical Biology, Numerical Analysis	shangerganesh@nitgoa.ac.in
6.	Dr. Sarani Ghosal Mondal	Sri Aurobindo's Plays & Disability Studies in Literature	sarani@nitgoa.ac.in
7.	Dr. Sunil Kumar A	Economics of Innovation Industrial Economics	sunilkumar@nitgoa.ac.in
8.	Dr. Gundlapally Shiva Kumar Reddy	Differential equations, Artificial neural networks, Hydrodynamic stability, fluid flows in porous media	gshivakumarreddy913@nitgoa.ac.in
9.	Dr. Unais K T	Postcolonial Literature, Gothic Studies and Indian writing in English	unaiskt@nitgoa.ac.in
10.	Dr. Najiya V K	Spectral graph theory	najiyavk@nitgoa.ac.in
11.	Dr. Lasitha P	Study of the organic functional molecules for self-assembly, sensing and related applications	lasitha@nitgoa.ac.in

**Dept: Electrical and Electronics Engineering**

Sl No	Faculty (full Name)	Area(s)	Email
1.	Dr. Suresh Mikkili	Electric Vehicles: Off-board and on-board charge controllers, Smart Electric Grid, Renewable Energy Systems.	mikkili.suresh@nitgoa.ac.in
2.	Dr. Sree Raj E S	Power Electronics, Renewable Energy Systems	sreeraj@nitgoa.ac.in
3.	Dr. Soumitra Das	Power Electronics and Machine Drives	sdas@nitgoa.ac.in
4.	Dr. Amol D Rahulkar	Design of Deep learning architectures, Development of FPGA accelerators for Deep learning networks, ASIC development of Deep networks	amol.rahulkar@nitgoa.ac.in

**Dept: Mechanical Engineering**

Sl No	Faculty (full Name)	Area(s)	Email
1.	Dr. Prasenjit Dey	Numerical and Experimental Fluid Flow and Heat Transfer, Microfluidics, Cooling Technologies, Energy Harvesting, Multiphase Flow and Heat Transfer, Micro and Nano Heat Transfer	prasenjit.dey@nitgoa.ac.in
2.	Dr. Darius Diogo Barreto	Computational mechanics, FEM, magneto/electroelastic materials, soft robotics and artificial muscles, nonlinear solid mechanics, multiphysics modeling and simulation, and bio-inspired engineering systems.	darius.diogo@nitgoa.ac.in
3.	Dr. Sanjeev Kumar Singh	Computational Mechanics, Finite Element Analysis, Mathematical Modeling, Simulation, Smart Materials, Multiferroics, Piezoelectric Composites, Mechanics of Materials, Structural Health Monitoring	sanjeevks@nitgoa.ac.in
4.	Dr. B Santhi	Manufacturing, DFMA, Ergonomics, Product design	santhi@nitgoa.ac.in
5.	Dr. Chaitanya Vundru	Additive manufacturing, Cold spray process, Directed energy deposition (laser deposition), Computational mechanics, Impact on metamaterials	chaitanya.vundru@nitgoa.ac.in

**Dept: Computer Science Engineering**

Sl No	Faculty (full Name)	Area(s)	Email
1	Dr. Veena Thenkanidiyoor	Applied machine learning to speech, vision	veenat@nitgoa.ac.in
2	Dr. S. Mini	Internet of Things, Optimization Algorithms	mini@nitgoa.ac.in
3	Dr. Modi Chirag N	Cyber Security	cnmodi@nitgoa.ac.in
4	Dr. Venkatanareshbabu Kuppili	Artificial Intelligence, Soft Computing and Machine Learning	venkatanaresh@nitgoa.ac.in
5.	Dr. Meenakshi Panda	Machine Learning Approaches for Fault Detection, Diagnosis and Tolerance in WSN/IOT, Statistical approaches for Data analysis	meenakshipanda@nitgoa.ac.in

6.	Mr. Debojyoti Bhattacharya	Domination in Graph, Approximation algorithms , Parameterized algorithms, Graph coloring problems,	debojyoti@nitgoa.ac.in
7.	Mr. Nikhil Gajbhiye	Cryptography and network security, Machine learning, Android application development using java	ngajbhiye@nitgoa.ac.in
8.	Mrs. Sreedivya	Machine Learning	sreedivya@nitgoa.ac.in

**Dept: Electronics & Communication Engineering**

Sl No	Faculty (full Name)	Area(s)	Email
1.	Dr. Trilochan Panigrahi	Wireless Communication and IOT	tpanigrahi@nitgoa.ac.in
2.	Dr. Nithin Kr Y B	Microelectronics	nithin.shastri@nitgoa.ac.in
3.	Dr. Shivnarayan Patidar	Biomedical Signal Processing, AI in medicine, Multi resolution analysis, Tensor decomposition, Time-frequency analysis	shivnarayan.patidar@nitgoa.ac.in
4.	Dr. Vasantha M.H.	VLSI (Analog /FPGA based design)	vasasanthmh@nitgoa.ac.in
5.	Dr. Pragati Patel	RF and Microwave	pragati@nitgoa.ac.in
6.	Dr. T. Veerakumar	Acoustic Signal Processing, Medical Image Analysis, Hyperspectral Image Analysis, Deep Fake Detection	tveerakumar@nitgoa.ac.in
7.	Dr. Anirban Chatterjee	Antenna Array Synthesis	snanirban@nitgoa.ac.in
8.	Dr. Prashanth G R	Nanoscale Optimal devices for Sensing	grprashanth@nitgoa.ac.in
9.	Dr. E. Mallikarjun	Inverse problems, Neural Networks, Microwave Imaging	emallikarjuna@nitgoa.ac.in
10.	Dr. Lokesh Kumar Bramhane	VLSI	lokesh.bramhane@nitgoa.ac.in

**Dept: Civil Engineering**

Sl No	Faculty (full Name)	Area(s)	Email
1.	Dr. Harikumar M	Experimental Soil Mechanics, Hybrid Geosynthetics, Sustainable built environment.	harikumar@nitgoa.ac.in
2.	Dr. Srikanth Kandalai	Alkali activation of soils using industrial waste as precursors, Geomaterial Characterization	srikanthkandalai@nitgoa.ac.in
3.	Dr. Bapi Mondal	Material characterization, Structural Analysis, Design of RC and Steel structures, Reliability Analysis, Bamboo based structures	bapimondal@nitgoa.ac.in
4.	Dr. Sathishraj Mani	Geopolymer Concrete, Microstructure and Durability Studies in Concrete, Construction Management	sathishraj@nitgoa.ac.in
5.	Dr. Vinamra Mishra	Material Characterization: Aggregate, Bitumen, Soil Asphalt mix design: Marshall method and Superpave mix design specifications.	vinamramishra@nitgoa.ac.in