

# National Institute of Technical Teachers Training and Research, Chennai

## Faculty Members – Area of Specialization

S. No	Name of the Faculty	Department	Areas of Specialization	Mail Id
<b>Professor</b>				
1	Dr. S. Renuka Devi	Education	Engineering Pedagogy and Psychology, Training Technology, Instruction Design, Resilient Pedagogy, Heutagogy, Soft Skills, Student Guidance and Counselling, Mentoring, Emotional Intelligence, Neuro-Linguistic Programming, Universal Human Values and Ethics, Indian Knowledge Systems, Yoga, Mudras, and Healing techniques	bmrenuka@nitttrc.edu.in
2	Dr. G. Kulanthaivel	Electronics and Communication Engineering	Biomedical Engineering, Computer Networking, Communication Engineering, Virtual Instrumentation, Telemedicine, Cyber Physical Systems and Internet of Things (IoT)	gkvel@nitttrc.edu.in
3	Dr. P. Malliga	Computer Science and Engineering	Data and Text Mining, Media Processing and Analytics, NLP, Immersive Technologies, and Educational Technology, Natural Language Processing, Artificial Intelligence, Extended Reality (AR and VR), E-Learning	malliga@nitttrc.edu.in
4	Dr. G.A. Rathy	Electrical and Electronics Engineering	Power Electronics and Drives, Engineering Education, Curriculum Evaluation, Industrial Automation, IoT and Electric Vehicles	rathyga@nitttrc.edu.in
5	Dr. K.S. Giridharan	Rural and Entrepreneurship Development	Engineering Education, Management, Entrepreneurship, Rural Development, AI applications in HR, Education and Finance	ks.giridharan@nitttrc.edu.in
6	Dr. Umasanker Sahu	Electronics and Communication Engineering	Communication Engineering: Optical Fiber Communication; Digital Communication Engineering; Mobile communication; Computer Networks & Switching	usahu2000@nitttrc.edu.in

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7	Dr. G. Janardhanan	Civil Engineering	Sustainability, Geotechnical and Geoenvironmental, Engineering Education	jana@nitttrc.edu.in
8	Dr. M. Senthil Kumar	Mechanical Engineering	Energy Engineering, Solar Energy, Mechanical Engineering, Automobile Technology, Thermal Engineering, Refrigeration & Air-conditioning	senthilkumarm@nitttrc.edu.in
9	Dr. S. Somasundaram	Mechanical Engineering	Machining of composites, Cryogenic machining, Non-Traditional machining processes, Additive manufacturing, CAD/CAM	somasundaram@nitttrc.edu.in
10	Dr. K.S.A. Dinesh Kumar	Civil Engineering	Structural Engineering, Sustainable Building Materials, Construction concrete, GIS & Remote Sensing, Groundwater Modelling, Construction Materials, Sustainable, Polymer Composite Materials, Fiber Reinforced Concrete	dinesh@nitttrc.edu.in
11	Dr. P. Sivasankar	Electronics and Communication Engineering	Signal Processing, Wireless Communication, Embedded Systems, VLSI and SoC, IoT and Semiconductor Technologies	sivasankar@nitttrc.edu.in
12	Dr. E. Balasubramanian	Mechanical Engineering	Unmanned Aerial Vehicles, Additive Manufacturing, Robotics and Control	balasubramanian@nitttrc.edu.in
13	Dr. B. Yogameena	Educational Media and Technology	Computer vision, Video analytics, Deep Learning, AR VR, Image Processing, AI	yogameena@nitttrc.edu.in
14	Dr. M. Seenuvasan	Education	Advanced Technology in Environmental Remediation, Waste to Wealth, Nanotechnology in Enzyme Engineering	seenuvasan@nitttrc.edu.in

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15	Dr. V. Vandhana Devi	Education	Environmental Engineering, Sustainable Civil Engineering materials and Waste management, Engineering Pedagogy, Engineering Education, AI Applications in Education and Technology-Enhanced Teaching Learning Practices.	vandhanav@nitttrc.edu.in
16	Dr. S. Sakthivel Murugan	Electronics and Communication Engineering	Underwater Communication, Underwater Signal and Image Processing, Underwater Sensors, Hybrid Energy Harvesting, ROV and AUV	sakthivels@nitttrc.edu.in
17	Dr. G. Selvakumar	Rural and Entrepreneurship Development	Advanced Manufacturing Systems & Management	selvakumarg@nitttrc.edu.in
18	Dr. A. Padma Rekha	Civil Engineering	Characterization of Bituminous and Concrete Materials, Constitutive Modeling, Green Material Characterization, Pavement Design, Pavement Maintenance and Management.	apadmarekha@nitttrc.edu.in
19	Dr. P. Selvi Rajendran	Curriculum Development and Capacity Building	Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Reinforcement Learning, Genetic Algorithm, Swarm Intelligence, Computational Biology.	selvirajendran@nitttrc.edu.in
20	Dr. S.V.Kogilavani	Computer Science and Engineering	Data Mining, Machine Learning, Natural Language Processing, Deep Learning, Information Retrieval	kogilavani@nitttrc.edu.in
<b>Associate Professor</b>				
21	Dr. M. Anil Kumar	Rural and Entrepreneurship Development	Biotechnology; Entrepreneurship; Environmental Engineering; Quality Management System; Risk Assessment and Management; Rural Development; Engineering Education	anilkumar@nitttrc.edu.in

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22	Dr. R. Suja Mani Malar	Electrical and Electronics Engineering	Control and Instrumentation, Electric Drives Control, Artificial Intelligence, Smart Grid and Modern Control Systems, Industrial Automation and Control, Internet of Things, Electric Vehicle Technology, Machine Learning, Microgrid and Distributed Energy Sources, Control Systems for Renewable Energy sources, Digital Image Processing Engineering Education and Management	rsmm@nitttrc.edu.in
23	Dr. S. Saravana Perumaal	Mechanical Engineering	Robotics, Optimization, Experiential Learning, Manufacturing Engineering – Vision based Robotic Assembly Automation	saravanaperumaal@nitttrc.edu.in
24	Dr. T. Subha	Educational Media and Technology	Cloud computing, Data analytics, large language models, Media Analytics, AI, Technology Enhanced Learning	subha@nitttrc.edu.in
<b>Assistant Professor</b>				
25	Dr. Vinod Kumar Adigopula	Civil Engineering	Pavement Engineering, Advanced pavement materials, Transportation Planning, Traffic Engineering, Road Safety, Intelligent Transportation System	vinod@nitttrc.edu.in
26	Dr. P. Jakulin Divya Mary	Rural and Entrepreneurship Development	Management, HR Marketing, Supply Chain Management, Healthcare, Rural and Entrepreneurship	jakulin_divya@nitttrc.edu.in
27	Dr. Seshu Babu Pulagara	Computer Science and Engineering	Information Security, Network Security, Mobile Ad Hoc Networks, Artificial Intelligence, Machine Learning and Elliptical Curve Cryptography, IoT Security	seshubabu@nitttrc.edu.in