

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
Professor				
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. M. Senthil Kumar	Mechanical Engineering	Energy Engineering, Solar Energy, Mechanical Engineering, Automobile Technology, Thermal Engineering, Refrigeration & Air-conditioning	senthilkumarm@nitttrc.edu.in
8	Dr. S. Somasundaram	Mechanical Engineering	Machining of composites, Cryogenic machining, Non-Traditional machining processes, Additive manufacturing, CAD/CAM	somasundaram@nitttrc.edu.in
9	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
10	Dr. E. Balasubramanian	Mechanical Engineering	Unmanned Aerial Vehicles, Additive Manufacturing, Robotics and Control	balasubramanian@nitttrc.edu.in
11	Dr. B. Yogameena	Educational Media and Technology	Computer vision, Video analytics, Deep Learning, AR VR, Image Processing, AI	yogameena@nitttrc.edu.in
12	Dr. M. Seenuvasan	Education	Advanced Technology in Environmental Remediation, Waste to Wealth, Nanotechnology in Enzyme Engineering	seenuvasan@nitttrc.edu.in
13	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
14	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

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15	Dr. G. Selvakumar	Rural and Entrepreneurship Development	Advanced Manufacturing Systems & Management	selvakumarg@nitttrc.edu.in
16	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
17	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
18	Dr. S.V.Kogilavani	Computer Science and Engineering	Data Mining, Machine Learning, Natural Language Processing, Deep Learning, Information Retrieval	kogilavani@nitttrc.edu.in
Associate Professor				
19	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
20	Dr. K.N. Shoba	Education	Education, English Language Education, Educational Technology, Environmental Literature, Professional Development of Educators, Environmental Humanities	shoba_kn@nitttrc.edu.in
21	Dr. S. Saravana Perumaal	Mechanical Engineering	Robotics, Optimization, Experiential Learning, Manufacturing Engineering – Vision based Robotic Assembly Automation	saravanaperumaal@nitttrc.edu.in
22	Dr. T. Subha	Educational Media and Technology	Cloud computing, Data analytics, large language models, Media Analytics, AI, Technology Enhanced Learning	subha@nitttrc.edu.in

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23	Dr. S. Sasirekha	Computer science & Engineering	Artificial Intelligence, Machine Learning, IoT Full Stack Application, Block chain, Service Oriented Architecture, Ontological Engineering and Semantic Web Services	sasirekha@nitttrc.edu.in
Assistant Professor				
24	Dr. Vinod Kumar Adigopula	Civil Engineering	Pavement Engineering, Advanced pavement materials, Transportation Planning, Traffic Engineering, Road Safety, Intelligent Transportation System	vinod@nitttrc.edu.in
25	Dr. P. Jakulin Divya Mary	Rural and Entrepreneurship Development	Management, HR Marketing, Supply Chain Management, Healthcare, Rural and Entrepreneurship	jakulin_divya@nitttrc.edu.in
26	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