



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

Eligible Research Guide's Details

SCHOOL OF MECHANICAL ENGINEERING

Emp. ID	Name of the Supervisor	Designation	No. of Vacancy	Email ID	Mobile No.	Area of Interest
50004	Dr. Janardhan Reddy K	Professor - Higher Academic Grade	2	kjanardhanreddy@vit.ac.in	9489337965	Product Lifecycle Management, Design Thinking and Innovation, Design Optimization and Customization, Circular Economy, Sustainability
50151	Dr. Sugumaran V	Professor Grade 2	1	sugumaran.v@vit.ac.in	9789923926	Fault Diagnosis, Machine learning/Deep Learning
50167	Dr. Bhaskara Rao	Professor Grade 2	2	bhaskararao@vit.ac.in	9949976175	Stability and Vibrations of structures (plates and beams), Design of Composite materials and Applications of FEA and DOE
50204	Dr. Jegadeeshwaran R	Professor Grade 1	1	jegadeeshwaran.r@vit.ac.in	9865338366	Machine Learning, Condition Monitoring, Machinery Fault Diagnosis
50208	Dr. Gobinath N	Associate Professor Grade 1	3	gobinath.n@vit.ac.in	7200339972	Refrigeration systems, e-V Battery Management Systems, Machine Learning
50272	Dr. Sasikumar M	Professor Grade 2	5	sasikumar.m@vit.ac.in	9962000640	Composite materials, Characterisation of materials, Impact analysis on composite materials

50302	Dr. Tamil Selvan P	Professor Grade 1	3	tamilselvan.p@vit.ac.in	9940355720	Advanced IC Engines, Alternative Fuels, Engine Pollution control and Internal combustion engine combustion analysis
50308	Dr. Sivarajan S	Associate Professor Grade 2	6	sivarajan.s@vit.ac.in	9841617961	Machining, Sheet metal forming, Surface coatings
50316	Dr. Joseph Daniel	Professor Grade 1	1	joseph.daniel@vit.ac.in	9043208512	Energy Storage, Energy Management, Renewable Energy, Energy Economics
50317	Dr. Feroskhan M	Associate Professor Grade 2	5	feroskhan.m@vit.ac.in	9994664044	Advanced IC Engines Alternative Fuels Thermal Management Emission Analysis
50330	Dr. Elango M	Associate Professor Grade 2	5	elango.m@vit.ac.in	9500185723	Composite Materials, Machining
50331	Dr. Senthil Kumar M	Professor Grade 1	3	senthil.km@vit.ac.in	9444701139	Composites, Thin films
50335	Dr. Davidson Jebaseelan	Professor Grade 2	3	davidson.jd@vit.ac.in	9445122485	Bio-mechanics, Crash injury mechanics, Ergonomics, automotive safety
50337	Dr. Annamalai K	Professor - Higher Academic Grade	2	kannamalai@vit.ac.in	9443309718	Fatigue Life Prediction, Fracture and Failure analysis
50339	Dr. Manavalla Sreekanth	Professor Grade 1	4	manavalla.sreekanth@vit.ac.in	9677051829	2nd law analysis of thermal energy systems, turbomachines, renewable energy, alternative fuels, exergo-economic analysis, heat transfer, thermal management of electric vehicles, solid fuel combustion
50350	Dr. Shyam Kumar M B	Professor Grade 1	4	shyamkumar.mb@vit.ac.in	9444465447	Aerodynamics, Battery Thermal Management, Computational Fluid Dynamics, Thermal Energy Storage using Phase Change Materials

50379	Dr. Sivakumar R	Professor - Higher Academic Grade	2	sivakumar.r@vit.ac. in deancc.smec@vit.ac. in	9487833044 7358782580	Computational Fluid Dynamics, Heat Transfer, Aerodynamics, High speed flows, Gas turbine Combustion
50395	Dr. Sreekanth Dondapati	Professor Grade 1	3	sreekanth.dondapat i@vit.ac.in	9629049054	Molecular Dynamics, High Entropy Alloys, Alloy Design
50421	Dr. Radha R	Associate Professor Grade 1	4	radha.r@vit.ac.in	9962474185	Orthopedic Biomaterials, Energy storage materials, Materials informatics
50437	Dr. Lenin Babu M C	Professor Grade 1	4	lenin.babu@vit.ac.in	7598622404	Meta Materials, Vibration and Noise Control, Acoustic Materials, Musical Acoustics, Structural Vibration and Acoustics, Composites, Elastomers
50444	Dr. Arockia Selvakumar	Professor Grade 1	3	arockia.selvakumar @vit.ac.in	9962681933/9884801 221	Modelling, Simulation, Design & Development of Robotic Manipulators, Rehabilitation Devices, Agricultural Robots / Drones, IoT in Robotics, Underwater Robots, Mechanisms using CAD/CAM/CAE, Service / Medical Robots
50466	Dr. Manimaran R	Professor Grade 1	4	manimaran.r@vit.a c.in	9445737752	Two-Phase Vortex Flow, Artificial Intelligence, Clean Energy
50501	Dr. Deivanathan R	Professor Grade 1	2	deivanathan.r@vit. ac.in	9789092344	Machining of advanced materials, Machine vision, AI & ML, Product Lifecycle Management
50506	Dr. Venugopal T	Professor Grade 1	4	venugopal.t@vit.ac.i n	9865705078	Battery Thermal Management for EV, E- Vehicles, Advanced IC Engines ,Alternative Fuels and Hydrogen generation, Solar Energy,
50566	Dr. Karunamurthy K	Professor Grade 1	4	karunamurthy.k@vi t.ac.in	9894862794	Thermal Energy STorage, Heat Transfer Enhancement, Solar Energy, Hydrogen Engine, Solar Still
50578	Dr. Christo Michael T	Professor Grade 1	4	christo.michael@vit .ac.in	9600588726	Analysis in Pipe bends, Fatigue, Design of Mechanical Systems - Static and Dynamic analysis

50593	<i>Dr. Raghukiran Nadimpalli</i>	<i>Associate Professor Senior</i>	3	<i>raghukiran@vit.ac.in</i>	9445564409	<i>Additive Manufacturing (3D Printing) - Rapid Prototyping - Rapid Tooling - Design for Additive Manufacturing</i>
50597	<i>Dr. Vinayagamurthy G</i>	<i>Associate Professor Grade 2</i>	4	<i>vinayagamurthy.g@vit.ac.in</i>	9600189131	<i>Aerodynamics, Aeroelasticity, Machine learning in Fluid dynamics, Propulsion, Wind Engineering, CFD, Cross wind stability of UAV's</i>
50622	<i>Dr. Jafferson J M</i>	<i>Associate Professor Grade 2</i>	4	<i>jafferson.jm@vit.ac.in</i>	9791153034	<i>Green Digital Manufacturing, 3D Printing, Computational, Parametric Design, micromachining</i>
50730	<i>Dr. Giridharan A</i>	<i>Associate Professor Grade 1</i>	4	<i>giridharan.abimannan@vit.ac.in</i>	9677597847	<i>Advanced Machining Processes, Machining of Light Weight Materials, Modelling and Simulation of Manufacturing Processes, Sustainable Manufacturing, Surface modification using machining processes</i>
50731	<i>Dr. Jeyanthi S</i>	<i>Professor Grade 1</i>	2	<i>jeyanthi.subramanian@vit.ac.in</i>	9840477440	<i>Sustainable composites for Acoustics, Electro magnetic interference and Energy storage materials, Dynamic and Low velocity impact analysis of sandwich panels</i>
50768	<i>Dr. Saravanakumar D</i>	<i>Associate Professor Grade 2</i>	4	<i>saravanakumar.d@vit.ac.in</i>	9791964510	<i>Mechatronics, Robotics, Control Systems, Automation, AI and ML applications</i>
50769	<i>Dr. Devaprakasam D</i>	<i>Professor - Higher Academic Grade</i>	2	<i>devaprakasam.d@vit.ac.in</i>	9786553933	<i>CFD, Machine Learning, Artificial Intelligence, Sensors, Drones</i>
50920	<i>Dr. Lakshmi Pathi Jakkamputi</i>	<i>Associate Professor Grade 1</i>	4	<i>lakshmipathi@vit.ac.in</i>	9043486906	<i>Linear and Non-linear modelling of composite structures, Structural dynamics and vibration control, Structural dynamic stability analysis, Structural Health Monitoring</i>

51011	Dr. Harish R	Associate Professor Grade 1	2	harish.r@vit.ac.in	9494823730	Computational Fluid Dynamics, Heat Transfer, Nanofluids, Aerodynamics, Battery thermal management, CFD in Biomedical Applications, Nanocoolants for machining applications, Machine Learning in CFD
51012	Dr. Mohan R	Associate Professor Senior	5	mohan.r@vit.ac.in	9884216335	Industry 4.0, Artificial Intelligence and Machine Learning, Data Analytics, Conventional and Advanced Machining processes
51149	Dr. Venkatachalam G	Professor Grade 2	2	g.venkatachalam@vit.ac.in	7358244532	Polymer composites; Applications of FEM
51152	Dr. Padmanabhan R	Professor - Higher Academic Grade	2	padmanabhan.r@vit.ac.in	7358782572	Manufacturing Processes, Mechanical behaviour of materials
51722	Dr. Bhisham Kumar Dhurandher	Assistant Professor Senior Grade 1	6	bhishamkumar.d@vit.ac.in	7088268809	Fire Dynamics, Combustion, Pool fire, Industrial Hazards
51723	Dr. Manoj Kumar R	Assistant Professor Senior Grade 1	5	r.manojkumar@vit.ac.in	9121989787	Bio-tribology, Bio-corrosion and Nano-mechanical studies of biomaterials, Structure - property studies on metal matrix and ceramic matrix composite, Nano-filler reinforced composite for biomedical and structural application, Different coating techniques to enhance the corrosion resistance and biocompatibility, Magnesium based composite for biodegradable implant application
51724	Dr. Gajanand Gupta	Assistant Professor Senior Grade 1	6	gajanand.gupta@vit.ac.in	8302443332	Reliability, Maintenance Management, Industry 4.0, FMECA, Risk Analysis, Multi Criteria Decision Making Techniques, Condition Monitoring

51725	Dr. Awani Bhushan	Assistant Professor Senior Grade 1	6	awani.bhushan@vit.ac.in	8825216339	Application of FEM, Fracture Mechanics, Next generation nuclear reactor, Bio-mechanics, Rehabilitation and Limb Design and development
51726	Dr. Mrutyunjay Panigrahi	Associate Professor Grade 1	4	mrutyunjay.panigrahi@vit.ac.in	6351817113	Solvent extraction, rare earth elements (electro-deposition), ionic liquids, powder metallurgy, mechanical alloying, high entropy alloys, composite materials, energy storage materials, nanomaterials, recycling of materials, etc.
51727	Dr. G Muralimohan	Assistant Professor Senior Grade 2	4	muralimohan.g@vit.ac.in	9443468008	Mechatronics, Advanced driver assistance systems, Path planning of autonomous robots, sustainable manufacturing, Frugal manufacturing, AR and VR
51728	Dr. Swagatika Mohanty	Assistant Professor Senior Grade 1	6	swagatika.mohanty@vit.ac.in	8186995749/9676852171	Sheet metal forming, Advanced Manufacturing Technologies, Robotics
51729	Dr. Ayub Ahmed Janvekar	Assistant Professor Senior Grade 2	6	ayubahmed.janvekar@vit.ac.in	9916067856	Porous Media Combustion, Burner
51747	Dr. Tapan Kumar Mahanta	Assistant Professor Senior Grade 1	6	tapan.mahanta@vit.ac.in	9640008841	Acoustic, Vibration and Composite material
52252	Dr. Pritam Das	Assistant Professor Senior Grade 1	6	pritam.das@vit.ac.in	8917358125	Solar thermal applications: Solar chimney, solar drying, desalination, solar vortex generation; Hybrid energy systems, Simulation and analysis on Livestock buildings, Energy storage, Algae-biofuel conversion

52307	<i>Dr. Abhishek Rudra Pal</i>	<i>Assistant Professor Senior Grade 1</i>	6	<i>abhishek.rudrapal@vit.ac.in</i>	9051728314	<i>rehabilitation robotics, soft robotics, industrial robotics, healthcare robotics, soft computing and AI, Machine learning, wearble smart device</i>
52611	<i>Dr. Sanjeev Jakhar</i>	<i>Assistant Professor Senior Grade 2</i>	6	<i>sanjeev.jakhar@vit.ac.in</i>	9828948938	<i>Solar energy, PV and CPV cooling systems, Agrivoltaics, Refrigeration (Cold storages), Nanofluids heat transfer, Thermodynamic analysis of thermal systems</i>