

LIST OF APPROVED RESEARCH GUIDES AND AREA OF SPECIALIZATION

S. No	Name of the Faculty	Designation	Research Area	Email ID	Mobile Number	Vacancies
1	Dr. Nirmala G.S	Professor, Grade 2	Application and Hydrodynamic Studies in a Circulation Fluidised Bed; Bio Oil from Waste Source; Mineral Processing and Separation Process Intensification.	gsnirmala@vit.ac.in	9444837969	4
2	Dr. Chitra D	Assoc. Professor (Sr.)	Mixing Studies; Waste Water Treatment	dchitra@vit.ac.in	9443966842	2
3	Dr. Muruganandam L	Professor [HAG]	Hydrodynamic Simulation; Waste Water Treatment; CFD& Process Plant Simulation; Biomass Pyrotysis.	lmn@vit.ac.in	9894578400	2
4	Dr. Velu S	Professor Grade 2 and Dean i/c	Development of Polymeric Membrane for Wastewater treatment.	svelu@vit.ac.in	9597464111	2

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5	Dr. Mahesh Ganesa Pillai	Professor Grade 2	Circular Economy; Water and Wastewater treatment; Waste to Wealth; Human waste management; Resource recovery; Waste minimization; Microwave processing, Thermochemical treatment.	maheshgpillai@vit.ac.in	9790299447	6
6	Dr. Aslam Abdullah M	Assoc. Prof. & HOD	Petroleum Engineering Machine Learning Artificial Intelligence	aslamabdullah.m@vit.ac.in	9442777008	3
7	Dr. Anand Veerabadra Prasad Gurumoorthy	Professor, Grade 1	Process Systems Engineering; Fuels and Energy	anand.g@vit.ac.in	9445259735	5
8	Dr. Aruna Singh	Professor, Grade 1	Food Processing Technology, Municipal Solid Waste Management, Solid State Fermentation	arunasingh@vit.ac.in	9962407722	4
9	Dr. Mohammed Rehaan Chandan	Assoc. Professor (Sr.)	Polymer Composites Polymer Foams Resource Recovery	md.rehaanchandan@vit.ac.in	9674570573	3

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10	Dr. Babu Ponnusami A	Professor, Grade 1	Advanced Oxidation Process; Adsorption; Waste water treatment; Resource Recovery.	ababuponnusami@vit.ac.in	9443691869	3
11	Dr. Dharmendra Kumar Bal	Assoc. Prof. Grade 2	Microfluids; Controlled drug delivery; Enhanced oil recovery; Biogas Purification; Syngas Purification Techniques	dharmendrakumar.b@vit.ac.in	7305142024	3
12	Dr. Aabid Hussain Shaik	Assoc. Prof. Grade 2	Colloids and Interfaces; Heat transfer and energy storage; Nanofluids; Polymer Nanocomposites; Photocatalysis; Thin films	aabidhussain.s@vit.ac.in	9434346497	4
13	Dr. Shishir Kumar Behera	Professor [HAG]	Water and Wastewater Treatment Process integration for resource recovery; Industrial Ecology; Machine learning applications in engineered systems	shishir.kb@vit.ac.in	8143771918	6

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14	Dr. Bandaru Kiran	Assoc. Prof. Grade 1	Process Modelling & Simulation Process Design, Process Intensification Heat-integration; Waste heat recovery; Retrofitting, HEN, Gas Hydrates , Machine Learning	bandaru.kiran@vit.ac.in	7981343089	4
15	Dr. Shankar Raman Dhanushkodi	Assoc. Prof. Grade 2	Electro-catalysis; Fuel cell; Electrolysis; Batteries; Photoelectro Chemicals	shankarraman.d@vit.ac.in	9626845903	3
16	Dr. Rima Biswas	Asst. Prof. (Sr.) Grade 2	Molecular Simulations, Ionic Liquids, Deep Eutectic Solvents, Liquid-Phase Exfoliation of Graphene, Carbon Nanotube, CO ₂ Capture	rima.biswas@vit.ac.in	7439568037	3
17	Dr. Sivagami K	Assoc. Professor (Sr.)	Resource Recovery, Value Addition of Biochar; Thermo-chemical conversion processes, Waste Water Treatment, Advance Oxidation Processes; Fate and Transport of Pollutants	sivagami.k@vit.ac.in	9487628920	2

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18	Dr. Ganesh Moorthy I	Assoc. Professor (Sr.)	Biofuels; Wastewater Treatment; Statistical Optimization; Process Integration; Carbohydrate Polymer extraction; Circular economy approach; Biorefinery.	ganeshmoorthy.i@vit.ac.in	9894746710	0
19	Dr. Pandurangan K	Assistant. Professor (Sr. Grade 1)	Molecular Dynamics Simulation of Biomolecules adsorption on Nanoparticles Self-assembly of Surfactant on Gold Nanoparticles Nanoparticle Modelling for Neurodegenerative Diseases	Pandurangan.k@vit.ac.in	9688614103	4
20	Dr. Naga Samrat Maruvada V V	Assoc. Professor (Grade 2)	Water treatment, Adsorption, Microbial fuel cells, Turbulence and Microfluidics.	Nagasamratmaruvada.vv@vit.ac.in	9483824391	6
21	Dr. Madambakam Midhun Kumar	Assistant. Professor (Sr. Grade 1)	Heterogeneous catalysis, lignin hydrogenolysis and Noble metal catalysis.	Midhunkumar.m@vit.ac.in	8332099542	4