



**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**School of Advanced Sciences**  
**Guide's Research Area & Vacancy Details**  
**Department of Chemistry**

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
1	10441	Dr. Sheela A	1	Bioinorganic chemistry - Design of antidiabetic and anticancer metal complexes; Phytopharmacological evaluation of medicinal herbs; Biocompatible polymeric matrices based drug formulations; Photocatalytic nanomaterials	9442712764	asheela@vit.ac.in
2	10383	Dr. Sarveswari S	1	Synthetic Organic Chemistry, sensors, medicinal chemistry, asymmetric synthesis.	9042407099	ssarveswari@vit.ac.in
3	10394	Dr. Vijayaraghavan R	1	Nanomaterials for Energy Environment, Bio-medical and Sensor Applications	9894717610	rvijayaraghavan@vit.ac.in
4	10826	Dr. Badal Kumar Mandal	1	Nanomaterials and nanocomposites for environmental remediation, Energy storage materials, Synthesis of photoactive nanomaterials and their applications, Nanomaterials for biomedical applications	9442344774	badalmandal@vit.ac.in
5	11838	Dr. Pundlik Rambhau Bhagat	1	Synthesis and Application of Ionic Liquids for Catalysis and water treatment, Photo catalysis and other applications	9047289073	pundlik.rb@vit.ac.in

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
6	10449	Dr. Manju S L	1	Chemical Biology, Synthesis of bioactive organic molecules, Studies on photophysical properties of Organic Molecules	9443449594	slmanju@vit.ac.in
7	10722	Dr. Shivashankar M	1	Polymer based Drug delivery, Pharmaceutical drug analysis	9486566560	mshivashankar@vit.ac.in
8	11858	Dr. Anand Prabu A	1	Polymer Synthesis and Characterization; Polymer Adsorbents for Waste-water Treatment; Polymer Nanocomposites; Energy Harvesting Polymer Materials; Ferroelectric and Piezoelectric Polymer Materials; Electrospinning of Polymers	9444686145	anandprabu@vit.ac.in
9	13379	Dr. Sriraghavan K	3	Synthetic Organic Chemistry, Medicinal Chemistry and Life Saving Drug Discovery.	9003076524	sriraghavan.k@vit.ac.in
10	10543	Dr. Karpagam S	1	Polymer synthesis, Organic conjugated polymer, Organic light emitting diodes, Synthetic organic polymers, Organic solar materials	9443394653	skarpagam@vit.ac.in
11	10683	Dr. Ethiraj K R	2	Non-native chemical entities for interfering in bacterial communication pathways: Bacterial quorum sensing inhibitors, c-di-GMP modulators, Anti virulence agents.	8608444266	krethiraj@vit.ac.in

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
12	10944	Dr. Napoleon A A	1	Synthetic Medicinal chemistry; Synthesis of biologically active novel heterocyclic compounds and its Pharmacological activity exploring; Isolation of bioactive compounds from Natural products and its biological activity screening; Natural product synthesis; Nanoparticle synthesis and screening for bioactivities	9842626161	aanapoleon@vit.ac.in
13	12355	Dr. Rajasekhara Reddy S	2	Organic chemistry: Synthesis of Medicinally Important compounds for various therapeutic applications (Anticancer, Hypertension, Diabetes and Alzheimer's disease); Organometallics, Asymmetric Synthesis and Nano Catalysis; Total synthesis of organic compounds & methodology development in synthetic organic chemistry by using chemical and bio-catalytic methods; Synthesis of organic compounds for applications in environment, alternative energies and fuel cells	9884968303	sekharareddy@vit.ac.in
14	14838	Dr. Prabhakaran D	1	Structurally Designed Monoliths and LB Film based Ion Sensors; Visible Light Induced Heterogeneous Photocatalysis using Ordered Mesoporous Materials; Novel RP-UPLC Methods for the Separation and Speciation of Heavy Metal Ions; Grafted Polymers for Heavy Metal Ion Preconcentration	9003137247	<a href="mailto:prabhakaran.d@vit.ac.in">prabhakaran.d@vit.ac.in</a>
15	11225	Dr. Sangeetha D	1	Synthesis, characterization, remedial & medicinal applications of nano-particles. Polymer nano-composites, nanocarbon - Environmental, Agricultural & Textile applications.	9942280715	dsangeetha@vit.ac.in
16	11848	Dr. Senthilkumar S	2	Carbon nanomaterials, Metal nanoparticles and Ionic Liquids for Electrocatalysis and Electro-chemical Biosensing.	8973682707	senthilkumar.s@vit.ac.in

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
17	11946	Dr. Asharani I V	1	Synthesis of nanoparticles by chemical and green methods; Dye degradation; Organic synthesis catalysed by synthesised nanoparticles; Phyto-chemistry; Synthesis of small organic molecules and their biological activities.	9487240835	asharani.iv@vit.ac.in
18	12865	Dr. Kannadasan S	1	Synthetic Organic Chemistry-Ring Closing Metathesis and Sustainable Chemical Synthesis	9042125096	kannadasan.s@vit.ac.in
19	12827	Dr. Satish Kumar G	1	Heterogeneous catalysis, CH activation, Fenton like catalyst, waste water treatment, catalytic organic transformation.	9884917185	satishkumar.g@vit.ac.in
20	11890	Dr. Sai Saraswathi V	2	Isolation of Bioactive compounds from natural source, Biodiversity Conservation, Green Technologies, Soil, Water Conservation, Nanomaterials and its Biological applications	8903761281	v.saisaraswathi@vit.ac.in
21	13374	Dr. Madhumitha G	1	Natural Products Organic Synthesis; Nanoparticles synthesis and its application towards insects	9865045446	madhumitha.g@vit.ac.in
22	13716	Dr. Thirumoorthy K	3	Computational Chemistry; Biophysical Chemistry; Interstellar Chemistry; Flat Crown Ethers	9677099717	thirumoorthy.krishnan@vit.ac.in
23	13740	Dr. Thenmozhi K	2	Metal Nanoclusters and Carbon nanomaterials for Electrochemical and Fluorescence Sensors	8973682708	k.thenmozhi@vit.ac.in

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
24	14494	Dr. Akhila Maheswari M	1	Analytical Chemistry / Material Chemistry: Novel HPLC/UPLC separations of metal ion species using modified monolithic columns; Optical chemosensors/ fluorosensors for metal ion estimations; Ion-imprinted polymers	9600061952	akhila.maheswari@vit.ac.in
25	17062	Dr. Arun Prasad M	1	Electrochemistry - energy applications; Nanomaterials - synthesis and energy related applications	9025736189	arunprasad.m@vit.ac.in
26	14485	Dr. Barnali Maiti	1	Combinatorial Chemistry, Diversity oriented hetero-cycle synthesis, Drug delivery, asymmetric synthesis	9629783643	barnali.m@vit.ac.in
27	15281	Dr. Sovan Roy	3	Bioinorganic Chemistry related to Anticancer Research (Molecular Sensors, Drug delivery)	9573318486	sovanroy@vit.ac.in
28	15280	Dr. Veera Venkata Ramesh E	6	Nano-Catalysis and Organic Synthesis – Development of green synthetic methodologies using anisotropic nanostructures. Glyco Biology - for cancer and HIV vaccine design and development	9494913334	vvramesh.e@vit.ac.in
29	18905	Dr. Abir Sarbajna	4	Organometallic Chemistry and Catalysis, Small Molecule Activation, Green and Sustainable Chemistry	7607449321	abir.sarbajna@vit.ac.in
30	20120	Dr. Gopi Ragupathy	3	Water Purification, Heavy metals removal, Grey water treatment, Activated carbons, Molecular Spectroscopy, Weak Molecular interaction, Astro-chemistry, Reaction mechanism, Ice Matrix and Photodissociation.	9952074235	<a href="mailto:r.gopi@vit.ac.in">r.gopi@vit.ac.in</a>

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
31	16360	Dr. Tapas Ghatak	1	Organometallic chemistry and catalysis towards small molecule activation	7076158848	tapas.ghatak@vit.ac.in
32	16362	Dr. Ganesh Babu S	1	Synthesis and Characterization of Nanocatalysts for organic transformation, Water Splitting Application	9842967221	ganeshbabu.s@vit.ac.in
33	17083	Dr. Sathish Kumar P	1	photocatalysis, nanomaterials synthesis, sonochemistry and ozonolysis techniques for environmental purification	9003538748	sathishkumar.p@vit.ac.in
34	18904	Dr. Pratheepkumar Annamalai	2	Sustainable Methodologies for Organic synthesis and C-H bond Functionalizations	9344618758	pratheepkumar.a@vit.ac.in
35	15507	Dr. Srinivasan Latha	2	Biopolymers, Bioremediation. Chitosan, Learning styles, Engineering education	8248703870	srinivasan.latha@vit.ac.in
36	16355	Dr. Kamini Mishra	4	Experimental physical chemistry, non linear optics, Nanopartical Protein interaction , Biophysical Chemistry	8861539735	kamini.mishra@vit.ac.in
37	16363	Dr. Mausumi Goswami	2	Molecular Spectroscopy, Atmospheric and interstellar Chemistry, Computational Chemistry and Reaction Kinetics	7042249096	<a href="mailto:mausumi.goswami@vit.ac.in">mausumi.goswami@vit.ac.in</a>
38	16364	Dr. Amit Kumar Tiwari	3	Fluorescence Spectroscopy, Surfactants and soft matters	9967795100	amit.tiwari@vit.ac.in

S. No.	Emp ID	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
39	20084	Dr. Arya J S	3	Material Chemistry, Nano Materials	7994500935	arya.js@vit.ac.in
40	20103	Dr. Namrata Deka	4	Organic Materials	9365174069	namrata.deka@vit.ac.in