



**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	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
1	10257	Prof. Mary Saral A	SAS	1	Phytochemistry; Drug delivery; Functional Materials	9444736969	amarysaral@vit.ac.in
2	10393	Prof. Sasikumar S	SAS	1	Materials Chemistry, Biomaterials, Drug delivery system & Photo Catalysts.	9994068194	ssasikumar@vit.ac.in
3	10441	Prof. Sheela A	SAS	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
4	10548	Prof. Buvanewari G	SAS	1	Inorganic materials and solid state chemistry for catalysis	9944044684	gbhuvanewari@vit.ac.in

S. No.	Emp ID	Guide Name	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
5	10677	Prof. Nawaz Khan F	SAS	1	Organic synthesis and Methodologies; Asymmetric Synthesis; sp, sp <sup>2</sup> , sp <sup>3</sup> C-H bond activation and functionalization; Natural Products synthesis	9444234609	fnawazkhan@vit.ac.in
6	10826	Prof. Badal Kumar Mandal	SAS	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
7	11858	Prof. Anand Prabu A	SAS	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
8	12430	Prof. Karthikeyan S	SAS	1	Electrochemistry; Corrosion Engineering; Surface Engineering	9585587561	skarthikeyanphd@vit.ac.in
9	12801	Prof. Akella Sivaramakrishna	SAS	2	Organic and Organometallic Chemistry and Homogeneous Catalysis; New functional materials of industrial importance	8695880913	asrkrishna@vit.ac.in
10	14381	Prof. Rajagopal D	SAS	2	Medicinal chemistry / drug development for cardiovascular disease / neurovascular disease; Development of efficient drug delivery system; Application of chalcogens in organic synthesis / Biosystems.	9578935164	rajagopal.desikan@vit.ac.in

S. No.	Emp ID	Guide Name	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
11	10449	Prof. Manju S L	SAS	1	Chemical Biology, Synthesis of bioactive organic molecules, Studies on photophysical properties of Organic Molecules	9443449594	slmanju@vit.ac.in
12	10722	Prof. Shivashankar M	SAS	1	Polymer based Drug delivery, Pharmaceutical drug analysis	9566656766	mshivashankar@vit.ac.in
13	12515	Prof. Ashok Kumar S K	SAS	1	Analytical Chemistry, Nano Materials, Bioanalytical Chemistry, Bioremediation, Environmental Analytical chemistry	9791485262	ashokkumar.sk@vit.ac.in
14	13379	Prof. Sriraghavan K	SAS	4	Synthetic Organic Chemistry, Medicinal Chemistry and Life Saving Drug Discovery.	9003076524	sriraghavan.k@vit.ac.in
15	10546	Prof. Sumathi S	SAS	1	Biomaterials, Nanomaterials; Inorganic pigments & Polymer composites	9789685252	ssumathi@vit.ac.in
16	10683	Prof. Ethiraj K R	SAS	1	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
17	11848	Prof. Senthilkumar S	SAS	1	Carbon nanomaterials, Metal nanoparticles and Ionic Liquids for Electrocatalysis and Electro-chemical Biosensing.	8973682707	senthilkumar.s@vit.ac.in
18	11852	Prof. Madhvesh Pathak	SAS	1	Synthetic Inorganic Chemistry - Metallo-Organic Complexes	9786841123	madhveshpathak@vit.ac.in

S. No.	Emp ID	Guide Name	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
19	11946	Prof. Asharani I V	SAS	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
20	12930	Prof. Thirumanavelan G	SAS	2	Organometallics; Homogeneous Catalysis; Bioorganometallic Chemistry; Organic Synthesis	9159141219	velan.g@vit.ac.in
21	14838	Prof. Prabhakaran D	SAS	2	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	prabhakaran.d@vit.ac.in
22	12811	Prof. Mohana Roopan S	SAS	1	Organic Synthesis / Nanomaterials	9865610356	mohanarooopan.s@vit.ac.in
23	13744	Prof. Santhakumar K	SAS	1	Organic Photovoltaic's / Perovskite Photovoltaic's Energy storage Devices / Biomedical Nanophotonics / Photodynamic therapy	9952585037	ksanthakumar@vit.ac.in
24	12827	Prof. Satish Kumar G	SAS	1	Heterogeneous catalysis, CH activation, Fenton like catalyst, waste water treatment, catalytic organic transformation.	9884917185	satishkumar.g@vit.ac.in

S. No.	Emp ID	Guide Name	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
25	13374	Prof. Madhumitha G	SAS	1	Natural Products Organic Synthesis; Nanoparticles synthesis and its application towards insects	9865045446	madhumitha.g@vit.ac.in
26	13716	Prof. Thirumoorthy K	SAS	3	Computational Chemistry; Biophysical Chemistry; Interstellar Chemistry; Flat Crown Ethers	9677099717	thirumoorthy.krishnan@vit.ac.in
27	13740	Prof. Thenmozhi K	SAS	1	Metal Nanoclusters and Carbon nanomaterials for Electrochemical and Fluorescence Sensors	8973682708	k.thenmozhi@vit.ac.in
28	14494	Prof. Akhila Maheswari M	SAS	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
29	17062	Prof. Arun Prasad M	SAS	1	Electrochemistry - energy applications; Nanomaterials - synthesis and energy related applications	9025736189	arunprasad.m@vit.ac.in
30	10924	Prof. Suseem S R	SAS	1	Pharmaceutics and Phytochemistry, Drug Delivery System, Pharmaceutical Analysis	8903476378	srsuseem@vit.ac.in
31	11890	Prof. Sai Saraswathi V	SAS	3	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

S. No.	Emp ID	Guide Name	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
32	14485	Prof. Barnali Maiti	SAS	2	Combinatorial Chemistry / Diversity oriented hetero-cycle synthesis / Drug delivery / asymmetric synthesis	9629783643	barnali.m@vit.ac.in
33	15281	Prof. Sovan Roy	SAS	3	Bioinorganic Chemistry related to Anticancer Research (Molecular Sensors, Drug delivery)	9573318486	sovanroy@vit.ac.in
34	15280	Prof. Veera Venkata Ramesh E	SAS	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
35	16360	Prof. Tapas Ghatak	SAS	1	Organometallic chemistry and catalysis towards small molecule activation	7076158848	tapas.ghatak@vit.ac.in
36	18905	Prof. Abir Sarbajna	SAS	3	Organometallic Chemistry and Catalysis, Small Molecule Activation, Green and Sustainable Chemistry	7607449321	abir.sarbajna@vit.ac.in
37	20120	Prof. Gopi Ragupathy	SAS	2	Molecular Spectroscopy, Weak Molecular interaction, Astro-chemistry, Instrumentation and laboratory, Ice Matrix and Photodissociation	9952074235	r.gopi@vit.ac.in
38	16355	Prof. Kamini Mishra	SAS	4	Experimental physical chemistry, non linear optics, Nanoparticle Protein interaction , Biophysical Chemistry	8861539735	kamini.mishra@vit.ac.in
39	16363	Prof. Mausumi Goswami	SAS	2	Molecular Spectroscopy / Atmospheric and interstellar Chemistry / Computational Chemistry and Reaction Kinetics	7042249096	mausumi.goswami@vit.ac.in

S. No.	Emp ID	Guide Name	School Code	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
40	16364	Prof. Amit Kumar Tiwari	SAS	3	Fluorescence Spectroscopy, Surfactants and soft matters	9967795100	amit.tiwari@vit.ac.in
41	20084	Prof. Arya J S	SAS	3	Material Chemistry, Nano Materials	7994500935	arya.js@vit.ac.in
42	20103	Prof. Namrata Deka	SAS	4	Organic Materials	9365174069	namrata.deka@vit.ac.in