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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	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
1	10543	Dr.	Karpagam S	5	Polymer synthesis / Organic conjugated polymer /Organic light emitting diodes /Synthetic organic polymers / Organic solar materials	9443394653	skarpagam@vit.ac.in
2	10257	Dr.	Mary Saral A	4	Phytochemistry; Drug delivery; Functional Materials	9444736969	amarysaral@vit.ac.in
3	10383	Dr.	Sarveswari S	3	Synthetic Organic Chemistry, sensors, medicinal chemistry, asymmetric synthesis.	9042407099	ssarveswari@vit.ac.in
4	10393	Dr.	Sasikumar S	2	Materials Chemistry, Biomaterials, Drug delivery system & Photo Catalysts.	9994068194	ssasikumar@vit.ac.in
5	10394	Dr.	Vijayaraghavan R	2	Nanomaterials for Energy Environment, Bio-medical and Sensor Applications	9894717610	rvijayaraghavan@vit.ac.in

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
6	10441	Dr.	Sheela A	3	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
7	10548	Dr.	Buvaneswari G	4	Inorganic materials and solid state chemistry for catalysis	9944044684	gbhuvaneswari@vit.ac.in
8	10666	Dr.	Vijayakumar V	3	Synthesis, studies and stereo chemical investigations on Heterocycles	9443916746	vvijayakumar@vit.ac.in
9	10677	Dr.	Nawaz Khan F	3	Organic synthesis and Methodologies; Asymmetric Synthesis; sp, sp ² , sp ³ C-H bond activation and functionalization; Natural Products synthesis	9444234609	fnawazkhan@vit.ac.in
10	11838	Dr.	Pundlik Rambhau Bhagat	2	Synthesis and Application of Ionic Liquids for Catalysis and water treatment, Photo catalysis and other applications	9047289073	pundlik.rb@vit.ac.in
11	11858	Dr.	Anand Prabu A	2	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
12	12430	Dr.	Karthikeyan S	5	Electrochemistry; Corrosion Engineering; Surface Engineering	9585587561	skarthikeyanphd@vit.ac.in

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
13	12801	Dr.	Akella Sivaramakrishna	3	Organic and Organometallic Chemistry and Homogeneous Catalysis; New functional materials of industrial importance	8695880913	asrkrishna@vit.ac.in
14	14381	Dr.	Rajagopal D	4	Medicinal chemistry / drug development for cardiovascular disease / neurovascular disease; Development of efficient drug delivery system; Application of chalcogens in organic synthesis / Biosystems.	9578935164 9003919022	rajagopal.desikan@vit.ac.in
15	10449	Dr.	Manju S L	3	Chemical Biology, Synthesis of bioactive organic molecules, Studies on photophysical properties of Organic Molecules	9443449594	slmanju@vit.ac.in
16	10722	Dr.	Shivashankar M	3	Polymer based Drug delivery, Pharmaceutical drug analysis	9486566560	mshivashankar@vit.ac.in
17	10944	Dr.	Napoleon A A	4	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
18	11852	Dr.	Madhvesh Pathak	3	Synthetic Inorganic Chemistry - Metallo-Organic Complexes	9786841123	madhveshpathak@vit.ac.in
19	12281	Dr.	Cheralathan K K	2	Hierarchical Zeolites; Nanaomaterials; Conversion of Biomass to Chemicals and fuels	9944826771	cheralathan.k@vit.ac.in

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
20	12355	Dr.	Rajasekhara Reddy S	4	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
21	12515	Dr.	Ashok Kumar S K	3	Analytical Chemistry, Nano Materials, Bioanalytical Chemistry, Bioremediation, Environmental Analytical chemistry	9791485262	ashokkumar.sk@vit.ac.in
22	12930	Dr.	Thirumanavelan G	3	Organometallics; Homogeneous Catalysis; Bioorganometallic Chemistry; Organic Synthesis	9159141219	velan.g@vit.ac.in
23	13379	Dr.	Sriraghavan K	6	Synthetic Organic Chemistry, Medicinal Chemistry and Life Saving Drug Discovery.	9003076524	sriraghavan.k@vit.ac.in
24	14838	Dr.	Prabhakaran D	4	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

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
25	10546	Dr.	Sumathi S	3	Biomaterials, Nanomaterials; Inorganic pigments & Polymer composites	9789685252	ssumathi@vit.ac.in
26	10683	Dr.	Ethiraj K R	4	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
27	11225	Dr.	Sangeetha D	3	Synthesis, characterization, remedial & medicinal applications of nano-particles. Polymer nanocomposites, nanocarbon - Environmental, Agricultural & Textile applications.	9942280715	dsangeetha@vit.ac.in
28	11848	Dr.	Senthilkumar S	3	Carbon nanomaterials, Metal nanoparticles and Ionic Liquids for Electrocatalysis and Electrochemical Biosensing.	8973682707	senthilkumar.s@vit.ac.in
29	11946	Dr.	Asharani I V	6	Synthesis of nanoparticles by chemical and green methods; Dye degradation; Organic synthesis catalysed by synthesised nanoparticles; Phytochemistry; Synthesis of small organic molecules and their biological activities.	9487240835	asharani.iv@vit.ac.in
30	12969	Dr.	Vijayalakshmi U	3	Corrosion of Implants, Composite coatings by SPIN & Electrophoretic deposition, Synthesis of Hydroxyapatite by Sol-Gel method, In vivo animal study, Electrospun Nanofibre, Biomedical applications, Biomaterials	9840842170	vijayalakshmi.u@vit.ac.in

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
31	12811	Dr.	Mohana Roopan S	2	Organic Synthesis / Nanomaterials	9865610356	mohanarooopan.s@vit.ac.in
32	12865	Dr.	Kannadasan S	3	Synthetic Organic Chemistry-Ring Closing Metathesis and Sustainable Chemical Synthesis	9042125096	kannadasan.s@vit.ac.in
33	13744	Dr.	Santhakumar K	1	Organic Photovoltaic's / Perovskite Photovoltaic's Energy storage Devices / Biomedical Nanophotonics / Photodynamic therapy	9952585037	ksanthakumar@vit.ac.in
34	12827	Dr.	Satish Kumar G	2	Heterogeneous catalysis, CH activation, Fenton like catalyst, waste water treatment, catalytic organic transformation.	9884917185	satishkumar.g@vit.ac.in
35	13740	Dr.	Thenmozhi K	1	Metal Nanoclusters and Carbon nanomaterials for Electrochemical and Fluorescence Sensors	8973682708	k.thenmozhi@vit.ac.in
36	13762	Dr.	Priyankar Paira	1	Bioinorganic chemistry, organometallic chemistry for catalysis and cancer biology, bioimaging, organic methodology, nano-metal complex conjugates for target oriented PDT and phototheranostic, natural product chemistry.	6369049619 8110020748	priyankar.paira@vit.ac.in
37	14494	Dr.	Akhila Maheswari M	2	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

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
38	11890	Dr.	Sai Saraswathi V	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
39	14485	Dr.	Barnali Maiti	1	Combinatorial Chemistry / Diversity oriented hetero-cycle synthesis / Drug delivery / asymmetric synthesis	9629783643	barnali.m@vit.ac.in
40	18856	Dr.	Logesh Mathivathanan	2	Inorganic chemistry, coordination chemistry, organometallic chemistry, single-crystal X-ray crystallography, porous materials, and spectroscopy.	9003505237	logesh.m@vit.ac.in
41	15281	Dr.	Sovan Roy	3	Bioinorganic Chemistry related to Anticancer Research (Molecular Sensors, Drug delivery)	9573318486	sovanroy@vit.ac.in
42	15953	Dr.	Susanta Kumar Bhunia	2	Advanced fluorescent and non-fluorescent nanomaterials: synthesis, functionalization and multifunctional applications	9800067154	susanta.bhunia@vit.ac.in
43	16362	Dr.	Ganesh Babu S	3	Synthesis and Characterization of Nanocatalysts for organic transformation / Water Splitting Application	9842967221 6380696923	ganeshbabu.s@vit.ac.in
44	18905	Dr.	Abir Sarbajna	2	Organometallic Chemistry and Catalysis, Small Molecule Activation, Green and Sustainable Chemistry	7607449321	abir.sarbajna@vit.ac.in
45	22510	Dr.	Sugata Goswami	5	Theoretical chemistry and computational Chemistry, reactive scattering, Machine learning, Vibronic Coupling, Potential energy surface construction.	9959251476 9641995019	sugata.goswami@vit.ac.in

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
46	22653	Dr.	Atanu Chakraborty	5	Biomaterial, bioorganic and medicinal chemistry nano medicine	6290599153	atanu.chakraborty@vit.ac.in
47	15280	Dr.	Veera Venkata Ramesh E	5	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
48	16360	Dr.	Tapas Ghatak	2	Organometallic chemistry and catalysis towards small molecule activation	7076158848	tapas.ghatak@vit.ac.in
49	17083	Dr.	Sathish Kumar P	2	photocatalysis, nanomaterials synthesis, sonochemistry and ozonolysis techniques for environmental purification	9003538748	sathishkumar.p@vit.ac.in
50	20120	Dr.	Gopi Ragupathy	3	Molecular Spectroscopy, Weak Molecular interaction, Astro-chemistry, Instrumentation and laboratory, Ice Matrix and Photodissociation	9952074235 9444884770	r.gopi@vit.ac.in
51	22505	Dr.	Sukanta Chakrabartty	6	Water electrolyzer, fuel cell and materials for green hydrogen	8436024682	sukanta.chakrabartty@vit.ac.in
52	22586	Dr.	Vipin Mishra	6	2D Covalent organic framework and metal organic frameworks, atomic thin films	8004434814	vipin.mishra@vit.ac.in
53	15507	Dr.	Srinivasan Latha	1	Biopolymers, Bioremediation. Chitosan, Learning styles, Engineering education	8248703870	srinivasan.latha@vit.ac.in

S. No.	Emp ID	Prefix	Guide Name	No. of Available Vacancy	Area of Research	Mobile No.	E-mail ID
54	22481	Dr.	Dipankar Paul	3	Synthetic organic methodology, Carbon-Carbon bond cleavage	6909076314 9365069581	dipankar.paul@vit.ac.in
55	22495	Dr.	Tanay Debnath	2	Computational biochemistry, Protein - DNA interactions using classical MD simulator, Chemical Hydrogen storage and homogeneous catalysis using DFT.	7044004256	tanay.debnath@vit.ac.in
56	16355	Dr.	Kamini Mishra	2	Experimental physical chemistry, non linear optics, Nanopartical Protein interaction , Biophysical Chemistry	8861539735	kamini.mishra@vit.ac.in
57	20084	Dr.	Arya J S	1	Material Chemistry, Nano Materials	7994500935 8921613537	arya.js@vit.ac.in
58	20103	Dr.	Namrata Deka	2	Organic Materials	9365174069 9402517254	namrata.deka@vit.ac.in
59	23697	Dr.	Karthick K	6	Electrochemistry, electrocatalysis, hydrogen production and energy conversion	9360983451	karthick.k@vit.ac.in
60	23698	Dr.	Tamalika Ash	6	Computational chemistry, rare earth separation, polymer hydration, DFT, Classical MD	7044004156	tamalika.ash@vit.ac.in