






School of Science
Department of Chemistry



<p>Prof. (Dr.) SonuPareek</p>	<p>Designation: Professor & Head</p> <p>Qualification: M.Sc. NET(CSIR), Ph.D. (University of Rajasthan), PG Diploma in Environmental Sciences from University of Rajasthan</p> <p>Experience: 26Years</p> <p>Research Area: Synthesis and Biological Assay of Organophosphorus Compounds Water Quality Analysis and Bio remediation.</p> <p>Publications: Research Publications: 12, Books Published: 05 Papers presented in Conferences: 40 Patent: 01</p>	
<p>Prof. (Dr.) Sanjay K. Sharma</p>	<p>Designation: Professor & Dean Research</p> <p>Qualification: M.Sc. Ph.D (University of Rajasthan)</p> <p>Experience: 26yrs</p> <p>Research Area: Green Chemistry, Heavy Metals Removal by Bio- sorption, Biopolymers and Green Corrosion Inhibition</p> <p>Research Publications – 107, Books Published -25</p> <p>Patent : 2</p> <p>Fellow of Royal Society of Chemistry (UK)[Membership Number: 442890</p>	


	<p>Member of American Chemical Society (USA) [Membership Number: 2441639]</p> <p>Fellow of Indian Council of Chemists [Fellowship Number: LF/1183]</p> <p>Fellow of Indian Chemical Society [Fellowship Number: F/6833]</p> <p>Fellow of International Congress of Chemistry and Environment [Fellowship Number: FL/S-5066]</p> <p>Life Member of Indian Society of Analytical Scientists [Membership Number: LMT-2007/54]</p> <p>Patent Published: 02</p>	
<p>Prof. (Dr.) Sapna Sharma</p>	<p>Designation: Professor, Dean,ISR</p> <p>Qualification: M.Sc. Ph.D. (University of Rajasthan), B.Ed.</p> <p>Experience: 26 Years</p> <p>Research Area: Adsorption chemistry and its kinetics and plants as potential source for removal of various ions from the agricultural/industrial wastes.</p> <p>Publications: Journal Publication- 19, Books- 06, Presentation in Conferences- 30</p> <p>Member of Indian Chemical Society-F/5538</p> <p>Patent:2</p> <p>Life Member of Indian Science Congress Association- L13549</p> <p>Life Member of Vigyan Bharti Rajasthan-LM/2016/0146</p>	

<p>Dr. Saurabh Dave</p>	<p>Designation: Professor Qualification: M.Sc. Ph.D (University of Rajasthan) Experience: 20Years Research Area: Inorganic Synthesis& Environmental Pollution Publications:35 Patent:1</p>	
<p>Dr. Nidhi Bansal</p>	<p>Designation: Associate Professor Qualification: M.Sc., NET, Ph.D (University of Rajasthan) Experience:20 Years Research Area: Inorganic Synthesis & Water Pollution Treatment Publication:26 Patent:1</p>	


<p>Dr. PoonamHariyani</p>	<p>Designation Associate Professor Qualification: M.Sc., NET, SLET, Ph.D(University of Kota) Experience: 17 Years Research Area: Supramolecular Chemistry: Membrane Technology, Organic Synthesis, Bio-inorganic Chemistry. Publication: 16 Patent Published: 01 Book Chapter: 01</p>	
<p>Dr. Vishnu Khandelwal</p>	<p>Designation: Assistant Professor Qualification: M.Sc., NET, Ph.D.(University of Raj) Experience: 22Years Research Area: Polyphosphate glasses Publication: 15 Patent :01</p>	

<p>Dr. Aruna Sharma</p>	<p>Designation: Assistant Professor Qualification: M.Sc., NET, Ph.D (University of Rajasthan) Experience: 7 Years Research Area: Synthesis and evaluation of biological activities of Triazolobenzodiazepines Based Five-, Six-, and Seven-Membered Heterocycles Publication: 9 Professional body memberships: Green Chemistry Network Centre (GCNC)</p>	
<p>Dr. Bhawna Jangir</p>	<p>Designation: Assistant Professor M.Sc. Chemistry Banasthali University, Rajasthan Ph.D. Chemistry, IIT, Delhi, India. UGC (NET) JRF 2011 (AIR 82). GATE 2012 (AIR 623) Experience: 5 Years Research Area: “Noble metal Nano particles as Pickering interfacial catalyst for hydrolytic oxidation of organosilanes”) Publications: 4 Patent: 01</p>	

<p>Dr Anita Nehra</p>	<p>Ph.D. (2010) Indian Institute of Technology (IIT) Bombay SERB-National Post-doctoral Fellowship Qualified (NET - JRF) in Chemical Sciences, December, 2009, AIR 290. M. Sc: University of Rajasthan, Jaipur Research Interest Biosensors for viral contaminants in wastewater, Environmental Remediation, Trans-membrane ion transport, Increasing bioavailability of hydrophobic drugs, Sensing of ions and molecules using supramolecular systems Publications: 9 Patent : 1 Awarded with senior research fellowship from UGC, New Delhi</p>	
<p>Dr Rahul Goel</p>	<p>Ph.D, Chemistry Qualified NET-JRF in Chemical Science () Research Interest: Biomaterials, Nanomaterials, Computational Chemistry Publications: 5 Teaching Experience: 4 yrs</p>	



<p>DrAnjali Yadav</p>	<p>Ph.D, Chemistry, Banasthali University Research Interest: The Removal of Heavy Metallons from the Waste water by Using Metal Nanoparticles as Adsorbent”. Publications: 20 Teaching Experience: 1 year</p>	
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Department of Biotechnology

<p>Prof. (Dr.) Ekta Menghani</p>	<p>Designation: Professor & Head of Department Department: Biotechnology Qualification: Ph.D., M.Sc., FBS Email: ekta.menghani@jecrcu.edu.in Research Areas: Indian Medicinal plants and their Biopotential; Bioinformatics</p>	
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<p>Prof. (Dr.) Hardik Pathak</p>	<p>Designation: Professor Department: Biotechnology Qualification: M.Sc., Ph. D. Email: hardik.pathak@jecrcu.edu.in Research Areas: Environmental biotechnology, Microbial technology</p>	
<p>Prof. (Dr.) Ruchi Seth</p>	<p>Designation: Professor & Dean Student Welfare & Dean IQAC Department: Biotechnology Qualification: M.Sc., Ph.D. Email: ruchi.seth@jecrcu.edu.in / director.iqac@jecrcu.edu.in Research Areas: Agriculture biotechnology, Environmental biotechnology Secondary metabolites, plant tissue culture</p>	


<p>Dr. Nidhi Verma</p>	<p>Designation: Assistant Professor ASRB-NET, UGC-NFO, CTEP-DBT, SERB-DST Department: Biotechnology Qualification: M.Sc., Ph.D. Email: nidhi.verma@jecrcu.edu.in Research Areas: Bioinformatics, Microbial biofilms, Anti-microbial resistance (AMR), Molecular cloning, and protein expression</p>	
<p>Dr. Mamta Kumawat</p>	<p>Designation: Assistant Professor Japan Science and Technology Awardee (JST-2023) Department: Biotechnology Qualification: M.Sc., Ph.D. Email: mamta.kumawat@jecrcu.edu.in Research Areas: Nanotechnology, Nano-biotechnology, Material science, Nanomedicines and Nanotoxicity</p>	


<p>Dr. Dheeraj Chitara</p>	<p>Designation: Assistant Professor Department: Biotechnology Qualification: M.Sc., Ph.D. Email: dheeraj.chitara@jecrcu.edu.in Research Areas: Bioinformatic Big Data, Cloud Computing, ML and AI.</p>	
<p>Dr. Khem Chand Saini</p>	<p>Designation: Assistant Professor ASRB-NET, GATE-BT, CSIR-UGC-NET-JRF Department: Biotechnology Qualification: M.Sc., M.Phil., Ph.D. Email: ksaini523@gmail.com Research Areas: Phycology, Molecular Systematics, Phylogeny, DNA Barcoding, Algae Cultivation, Lichenology</p>	

Department of Botany




<p>Prof Widhi Dubey</p>	<p>Designation: Professor & Dean, Faculty of Sciences Department: Botany Qualification: M.Sc. (Bot.), Ph.D, F.B.S., F.S.A.B. Email: widhi.dubey@jecrcu.edu.in idean.science@jecrcu.edu.in Research Area: Indian Medicinal Plants and their biopotentials viz: antimicrobial, antioxidant, anti-cancerous and as Natural Preservatives. Green Synthesis of Nanoparticles for enhancing Plant growth and efficiency, Plant pathology, Plant Nematology & Integrated Pest Management, Pollen Allergy</p> <p>Publication: Research Paper: 59, Books: 06 Seminar/Conference: 69 Workshop: 16 Paper Presented: 11 Life membership: 07</p>	
<p>Prof Sonali Pandey</p>	<p>Designation: Professor & Head, Department: Botany Qualification: M.Sc. (Bot.), Ph.D, F.B.S</p> <p>Email: sonali.pandey@jecrcu.edu.in, hod.botany@jecrcu.edu.in</p> <p>Research Area: Phytoremediation, BioIndicators, Phycoremediation, Biofertilizers, Plant Pathogen Host interaction and their Biocontrol</p> <p>Publication: Research Paper: 58, Patent: 01 Books: 07, Book Chapters: 04 Seminar/Conference: 55 Paper Presented: 11 Workshop attended: 17 FDP attended: 14 Life membership: 07</p>	

Department of Zoology

<p>Dr. (Mrs) Rajesh Yadav</p>	<p>Designation: Professor & HOD Department: Zoology Qualification: PhD, M.Sc. Email: hod.zoology@jecrcu.edu.in Research Areas: Reproductive physiology and toxicology, Food Microbiology, Environmental Microbiology, Biopesticides, biodiversity Publication: Research Paper: 30, Books: 08, Presentations/Participation in Conferences: 48, FDP/MOOC: 16</p>	
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Dr. Adesh Kumar	<p>Designation: Assistant Professor-I Department: Zoology Qualification: Ph.D. (Zoology), CSIR-NET LS, M.Sc. Email: adesh.kumar@jecrcu.edu.in Research Areas: Aquatic Biodiversity, Wildlife and Conservation Biology, Community Ecology, Landscape Ecology, Bird Watching and Identification, Ecology and Environment, Ex-Situ Conservation Techniques, Biodiversity and Traditional Knowledge, Capacity Building and Management, Wildlife Census and Techniques, Molecular Phylogeny Publications: Research Paper Published: 82, Book Published: 02, Chapter Published: 06 Presentations in Conference: 24, Workshops: 10, Training Programmes: 11, Patent: 02</p>	
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Department of Mathematics

Prof. (Dr.) Jagdev Singh	<p>Designation: Professor & HOD Department: Mathematics Qualification: Ph.D., M.Phil., M.Sc., B.Sc. Email: hod.mathmatics@jecrcu.edu.in, jagdev.singh@jecrcu.edu.in Research Area: Fractional Calculus, Mathematical Modelling, Fractional Differential Equations, Special Functions, Numerical Methods</p>	
Dr. Seema Tinker	<p>Designation: Professor Department: Mathematics Qualification: Ph.D., M.Sc., B.Sc. Email: seema.tinker@jecrcu.edu.in Research Area: Fluid dynamics, Machine Learning, Relativity, cosmology</p>	
Dr. Monika Jain	<p>Designation: Associate Professor Department: Mathematics Qualification: M. Sc. ,M.Phil, Ph.D. (Mathematics) Email: monika.jain@jecrcu.edu.in Research Area: Special Functions, Fractional Calculus, Mathematical Modelling</p>	

<p>Dr. Smita Jain</p>	<p>Designation: Associate Professor Department: Mathematics Qualification: Ph.D. (Statistics), M. Sc. (Statistics) Email: smita.jain@jecrcu.edu.in Research Area: Data Analysis by Statistical Mehods</p>	
<p>Dr. Pradip Kumar Gaur</p>	<p>Designation: Associate Professor Department: Mathematics Qualification: M. Sc. Ph. D. (Mathematics) Email: pradeep.gaur@jecrcu.edu.in Research Area: Fluid Dynamics</p>	
<p>Dr. Vishwas Deep Joshi</p>	<p>Designation: Associate Professor Department: Mathematics Qualification: M. Sc. Ph. D. (Mathematics) Email: vishwasdeep.joshi@jecrcu.edu.in Research Area: Operation Research</p>	
<p>Dr. AbhishekNeemawat</p>	<p>Designation: Associate Professor Department: Mathematics Qualification: M. Sc., M. Phil., Ph. D. (Mathematics) Email: abhishek.neemawat@jecrcu.edu.in Research Area: Fluid Dynamics</p>	
<p>Dr. Gauri Shankar Paliwal</p>	<p>Designation: Assistant Professor-I Department: Mathematics Qualification: M. Sc. Ph. D. (Mathematics) Email: gaurishankar.paliwal@jecrcu.edu.in Research Area: Geometric Function Theory</p>	
<p>Dr. BeenaBundela</p>	<p>Designation: Assistant Professor-I Department: Mathematics Qualification: Ph. D., M. Phil., M. Sc. Email: beena.bundela@jecrcu.edu.in Research Area: Special Functions, Integral Calculus and Fractional Calculus.</p>	


<p>Dr. Om Prakash</p>	<p>Designation: Assistant Professor-I Department: Mathematics Qualification: M. Sc. Ph. D. (Pursuing from IIT (ISM) Dhanbad) Email: om.prakash1@jecrcu.edu.in Research Area: Fluid Dynamics (Nanofluid)</p>	
<p>Dr. Dinesh Kumar Yadav</p>	<p>Designation: Assistant Professor Department: Mathematics Qualification: Ph.D., M.Sc., B.Sc. Email: dineshkumar.yadav@jecrcu.edu.in Research Area: Mathematical Modelling, Mathematical Modeling in Ecology, Ordinary Differential Equations, Numerical Methods.</p>	
<p>Dr. Ram Chandra</p>	<p>Designation: Assistant Professor-I Department: Mathematics Qualification: Ph.D. Email: ram.chandra@jecrcu.edu.in Research Area: Applied Mathematics</p>	
<p>Dr. Vinod Jangid</p>	<p>Designation: Assistant Professor-I Department: Mathematics Qualification: Ph.D., M.Phil., M.Sc., B.Sc. Email: vinod.jangid@jecrcu.edu.in Research Area: Operations Research, Fuzzy Game Theory</p>	
<p>Dr. Sapna Tyagi</p>	<p>Designation: Assistant Professor I Department: Mathematics Qualification: Ph.D., M.Sc., B.Sc. Email: sapna.tyagi@jecrcu.edu.in Research Area: Fractional Calculus, Special Functions</p>	

Dr. Rachana Saini	<p>Designation: Assistant Professor-I Department: Mathematics Qualification: Ph.D., M.Sc., B.Sc. Email: rachana.saini@jecrcu.edu.in Research Area: Operations Research</p>	
Rakesh Kumar	<p>Designation: Assistant Professor Department: Mathematics Qualification: Ph.D. (Thesis submitted), M.Sc., B.Sc. Email: rakesh.kumar@jecrcu.edu.in</p> <p>Research Area: Analysis, Mathematical Modelling, Scientific Computing, Perturbation Theory, and Mathematical Physics</p>	
Mr. Rakesh Saini	<p>Designation: Assistant Professor-II Department: Mathematics Qualification: M. Sc. (Mathematics), Ph. D. (Pursuing) Email: rakesh.saini@jecrcu.edu.in Research Area: Fractional calculus</p>	
Ms. Arpita Gupta	<p>Designation: Assistant Professor-II Department: Mathematics Qualification: M. Sc., Ph. D. (Pursuing) Email: arpita.gupta@jecrcu.edu.in Research Area: Fractional Calculus</p>	
Abhishek	<p>Designation: Assistant Professor - II Department: Mathematics Qualification: NET, M.Sc., B.Sc. Email: abhishek@jecrcu.edu.in Research Area: NA</p>	
Monika Yadav	<p>Designation: Assistant Professor-II Department: Mathematics Qualification: NET, M.Sc., B.Sc. Email: monika.yadav@jecrcu.edu.in</p>	



Department of Forensic Sciences

<p>Ms. Vaishnavi Thakre</p>	<p>Designation: Assistant Professor II Department: Forensic Science Qualification: PhD (Pursuing), M.Sc., NET in Forensic Science Email: hod.forensic@jecrcu.edu.in vaishnavi.thakre@jecrcu.edu.in Research Area: Forensic Fingerprints and Questioned Documents Examination Publication: Research Paper:05, Presentations in Conferences: 02 Oral, 14 Posters.</p>	
<p>Mr. Bhupeshkumar Nanhe</p>	<p>Designation: Assistant Professor II Department: Forensic Science Qualification: PhD (Pursuing), M.Sc., NET, SET in Forensic Science , Diploma in Hardware and Networking. Email: bhupeshkumar.nanhe@jecrcu.edu.in Research Area: Forensic Biology, Forensic Physical Science, Digital Forensics Publication: Research Paper: 08, Presentations in Conferences: 01 Oral, 03:Posters.</p>	
<p>Ruchika Dwivedi</p>	<p>Designation: Assistant Professor II Department: Forensic Science Qualification: M.Sc. NET in Forensic Science, Ph.D. pursuing Email: ruchika.dwivedi@jecrcu.edu.in Research Area: Fingerprints, Forensic Biology, Questioned Documents, and Forensic Toxicology Publication: Research Paper: 02, Presentation in conference: 04 Poster presentation, 01 Paper Presentation, 01 Poster as Co-guide</p>	
<p>Geetika Saxena</p>	<p>Designation: Assistant Professor I Department: Forensic Science Qualification: Ph.D. M.Sc. NET in Forensic Science, M.A. Clinical Psychology Email: geetika.saxena@jecrcu.edu.in Research Area: Forensic Psychology, Toxicology Publication: 13</p>	

Department of Microbiology

Prof (Dr.) Varsha Gupta	Designation: Professor & Head Department: Microbiology qualification: M.Sc. (Zoology), M.sc. (science of living yoga meditation), Ph.D. Email: varsha.gupta@jecrcu.edu.in Research areas: Environmental Microbiology, Biodeterioration, Bioremediation, Environmental Toxicology, Wildlife Techniques- Identification Of Animals.	
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Department of Physics

Dr. Pranav Saxena	Professor & Head <i>Ph.D., M. Phil., MSc.</i> (Particle Physics – Phenomenology)	
Dr. Chandan Joshi	Associate Professor <i>Ph.D., MSc.</i> (Solar Astronomy)	

<p>Dr. Abhishek Sharma</p>	<p>Associate Professor <i>Ph.D., MSc.</i> (Plasma Physics)</p>	
<p>Dr. Nishant Gaur</p>	<p>Associate Professor <i>Ph.D., MSc.</i> (Condensed Matter)</p>	
<p>Dr. Shivani Agrwal</p>	<p>Associate Professor <i>Ph.D., MSc.</i> (Hydrogen Storage Materials)</p>	
<p>Dr. Renu Sharma</p>	<p>Assistant Professor <i>Ph.D., MSc.</i> (Microwave Electronics)</p>	
<p>Mr. Anil Kr Sharma</p>	<p>Assistant Professor <i>MSc., Ph.D. – Pursuing</i> (Power Electronics)</p>	

<p>Dr Trupti Sharma</p>	<p>Assistant Professor <i>MSc., Ph.D.</i> (Thin Film)</p>	
<p>Dr Hariom Pawar</p>	<p>Assistant Professor <i>MSc., Ph.D.</i> (Nano-Composite materials)</p>	
<p>Dr. Rishi Raj Rathore</p>	<p>Assistant Professor <i>Ph.D., MSc.</i> (Material Science)</p>	
<p>Dr. Vishal Choudhary</p>	<p>Assistant Professor <i>Ph.D., MSc.</i> (Nuclear Physics)</p>	
<p>Dr. Ashok Kumawat</p>	<p>Assistant Professor <i>Ph.D., MSc.</i> (Material Science)</p>	

