

Saurav Kumar

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Present Position:

Pursuing **Integrated MSc. in Microbiology** (final year) at **Department of Microbiology**, School of Life Sciences, **Central University of Rajasthan**, Bandarsindri, Ajmer, Rajasthan.

Qualifications

GATE	2024	32.33
Intermediate (BSEB) A.N College, Patna	2015-2017 (PCB)	63.22%
Matriculation (CBSE) M.S Memorial Academy, Patna	2014-2015	9.8 CGPA

Dissertation work (six month) in M.Sc.:

Dissertation work going on “**Sustainable Nanoremediation and Antibacterial efficacy: A comparative Study of Chitin nanoparticle, Metal nanoparticle, and their nanocomposite.**”

Technical Expertise

Lab Experience:

- Molecular Techniques
 - Plasmid and RNA isolation
 - Fungal and Bacterial DNA isolation
 - Sequencing and Phylogenetic analysis
 - PCR, SDS PAGE and Agarose Gel Electrophoresis
- Microbiology Techniques
 - Isolation and characterization of fungus and bacteria

- Culture and maintenance of microbial cells
- Pouring, streaking, Gram staining
- Microscopy and UV-Vis spectroscopy

Other Skills: MS Word, MS PowerPoint, Web of Science, Adobe Photoshop, Adobe, Canva, Adobe Lightroom

Poster Presented

Details:

- Presented a poster titled **“Preparation and Characterization of sustainable Nanochitin by employing chitinous waste and Deep eutectic solvents”** in the National Symposium EcoViSun 2024 **“Advancing Sustainability, Promoting Innovation, Realizing Equity (ASPIRE)”** on **5th to 6th March 2024** supported by DST-PURSE Govt. of India, jointly organized by Department of Chemistry, Department of Biosciences, Department of Biotechnology & Chemical Engineering, Manipal University Jaipur, Rajasthan, India.

Authors: **Saurav Kumar**, Dr. Nidhi Pareek

Father's Name: **Arun Kumar**

Marital Status: **Unmarried**

Mothers's Name: **Nilu Devi**

Nationality: **Indian**

Date of Birth: **28-11-2000**

Sex: **Male**

Language Proficiency: **Hindi, English**

References:

Dr. Nidhi Pareek

Assistant professor
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Dr. Arvind Pratap Singh

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DECLARATION:

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and behalf.

Thank you.

Date: 13.11.2024

Place: Patna, Bihar

(Saurav Kumar)