

Mr. Nikhil V. Rathod

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OBJECTIVE

To work in an environment which is highly professional and having opportunities for learning and encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

SKILLS

- ✓ Utilizing a rational, impartial, and systematic method for everyday problems.
- ✓ Proficiency in collaborating effectively within a team and working independently.
- ✓ Excellent written and verbal communication abilities, including the capacity to convey scientific concepts to individuals without expertise in the field.
- ✓ Being punctual with assigned tasks.
- ✓ Demonstrating a strong passion and ambition for forensic work.

ACADEMIC EXPERIENCE

- **Assistant Professor** | Department of Forensic Science | **Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar** | August 2023 – Present
- **Assistant Professor** | Department of Forensic Science | **G. H. Rasoni College, Amravati** | April 2022 – May 2022

FORENSIC LABORATORY EXPERIENCE

- **Scientific Assistant** | **Regional Forensic Science Laboratory (RFSL), Nanded** | Directorate of Forensic Science Laboratory (DFSL) Mumbai | May 2022 – May 2023

INTERNSHIP EXPERIENCE

- **Research Intern** | IIIM Research Training Program 2021 - **Council of Scientific and Industrial Research–Indian Institute of Integrative Medicine (CSIR–IIIM)** | 23rd August 2021 – 22nd October 2021
- **Research Intern** | Department of Forensic Science & Criminal Investigation, **Legal Desire Media & Insights** | 21st June 2020 – 5th August 2020

ACHIEVEMENTS

- **UGC-NET (University Grants Commission – National Eligibility Test) – 2022** in Forensic Science conducted by National Testing Agency.
- **MH-SET (Maharashtra State Eligibility Test) – 2021** in Forensic Science conducted by SPPU accredited by UGC.

EDUCATION

- **M.Sc. Forensic Science** | Specializing in **Forensic Biology, Serology and DNA Fingerprinting** | **Government Institute of Forensic Science, Chh. Sambhajinagar**, Maharashtra | 2019 – 2021
- **B.Sc. Forensic Science** | Government Institute of Forensic Science, Aurangabad | 2016 – 2019

PUBLICATIONS

- Rohit Verma, Mahipal S. Sankhla, **Nikhil V. Rathod**, Swaroop S. Sonone, Kapil Parihar, & Gaurav K. Singh, **Eradication of Fatal Textile Industrial Dyes by Wastewater Treatment** (2021), Biointerface Research in Applied Chemistry 12(1), 567-587 Doi: <http://dx.doi.org/10.33263/briac121.567587>
- **Environmental Nanotechnological Breakthroughs and Uncovering Challenges: The Progressive Evolution of Biopesticides**, Garima Awasthi, **Nikhil V. Rathod**, Swaroop S. Sonone; Anuj Sharma, Forensic Science International: Animals and Environments, (Accepted, In Press)
- **Pharmaceutical Contamination in Wastewater: Environmental Risks, Remediation and Regulatory Perspectives**, Sivapriya Santhosh, Pooja Ippar, **Nikhil V. Rathod**, Swaroop S. Sonone, (Accepted, In Press)
- **Cyber Security for Personal Data**, Chapter in **Developing AI, IoT and Cloud Computing based Tools and Applications for Women's Safety**. (Accepted, In Press)
- **Admissibility of Electronic Record under Section 65B of The Indian Evidence Act Vis-à-vis Judicial Interpretation**, Swaroop S. Sonone, Rahul Gawade, Anurag Sahu, **Nikhil V. Rathod** (Accepted, In Press)
- **Biopesticides: Eminence, Recent Advances and Emerging Challenges**, **Nikhil V. Rathod**, Swaroop S. Sonone, Mahipal Singh Sankhla, Rohit Kumar Verma, (Accepted, In Press).
- Book Chapter - **Forensic Science in Ancient India** - An Introduction Chapter in Book titled "Forensic Science in Ancient India".

CONFERENCE/WORKSHOP/FACULTY DEVELOPMENT PROGRAMMES

- Organized **National Crime Scene Investigation Competition and Workshop (CSI 1.0)** at Department of Forensic Science, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar in collaboration with Department of Forensic Science, Government Institute of Forensic Science, Chh. Sambhajinagar on 5th March 2024.
 - Participated in the **National Conference** titled **Exploring New Horizons in Forensic Chemical and Biological Sciences** on 29th February 2024 organized by the Department of Forensic Chemistry and the
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Department of Forensic Biology, Government Institute of Forensic Science, Chh. Sambhajinagar (Funded Under Research and Development Cell, Dr. Babasaheb Ambedkar Marathwada University).

- Guided students of M.Sc. Forensic Science, Department of Forensic Science as well as presented a poster for the **State Level Avishkar 2024** from Dr Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar, 2 of these students even got selected for the final round.
- Organized and participated in **State Level Workshop on Forensic Science for Legal Professionals (WFLP)** at Government Institute of Forensic Science, Chh. Sambhajinagar.
- Actively participated in Conference on **Research Opportunities and Higher Studies in Foreign Countries** held at Rashtriya Uchchar Shikshan Abhiyaan, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar.

COURSES TAUGHT

These courses are taught to B.Sc. and M.Sc. Forensic Science at Department of Forensic Science, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar as well as at Department of Forensic Biology, Government Institute of Forensic Science, Chh. Sambhajinagar.

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|-----------------------------------------|-----------------------------------------------|
| • Forensic Biology and Serology | • Wildlife and Environmental Forensics |
| • Forensic Biological Sciences | • Insurance Forensics |
| • Genetics and Bioinformatics | • Spectroscopy |
| • Forensic Botany and Entomology | |

FORENSIC EXPERT DUTIES (IN LABORATORY)

As a Scientific Assistant (Expert) at Regional Forensic Science Laboratory, Nanded performed following duties in the laboratory -

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|------------------------------------------------------|-------------------------------------------------------|
| • Crime Scene Visits | • Forensic Expertise to Investigation Officers |
| • Evidence Receiving | • Presumptive Analysis for Biological Evidence |
| • Confirmatory Testing for Biological Samples | • Species Origin |
| • DNA Analysis | • Report Writing for analysed samples |

ADMINISTRATIVE DUTIES

- **Paper Setter/Moderator**
- **NAAC Member for Department of Forensic Science, Dr. BAM University, Chh. Sambhajinagar**
- **Course In Charge for M.Sc. 1st Year, Department of Forensic Science, Dr. BAM University, Chh. Sambhajinagar**

OTHERS

- Delivered talks and presented crime scenes concerning biological evidence and their detection techniques at Police Raising Days for consecutive 3 years at Commissioner of Police Office, Aurangabad.
- Worked as Joint Secretary in Research and Development Wing of GIFSA-CRAFTS (Council for Research Applied to Forensic Technology & Science of Government Institute of Forensic Science, Aurangabad) during master's course.