



# Namrata Singh

## Profile

Working as Assistant Professor and In-charge, Forensic Science Programs in the Department of Paramedical Science of Integral University, Lucknow (U.P.).

Utilizing my knowledge of Forensic Science with my skills of teaching for the growth of the Institution. Also, to flourish the students by providing them quality content along with the best explanation, so that they can easily understand the basic concepts, memorize it forever & apply it accordingly.

## Area of Specialization

- Crime Scene Management
- Forensic Toxicology
- Forensic Biology & Serology
- Forensic Medicine
- Forensic Physics
- Fingerprint Examination
- Laws
- Questioned Documents Examination


## Key Skills / Qualities

- Strong motivational and leadership skills.
- An enthusiastic person, highly motivated, and eager to learn new things.
- Proficient in setup Synergistic Alliance
- High-level accuracy
- Persistent Problem Solver
- Ability to work as an individual as well as in a group.

## Contact & Personal Information

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## CAREER SYNOPSIS

- Working as Asst. Professor & In-Charge, Forensic Science Programs Since September 2021 in Department of Allied and Healthcare Sciences of Integral University, Lucknow (U.P.).
- Pursuing Ph.D. in Forensic Science from Galgotias University, Greater Noida, U.P.
- Completed Full Time Post Graduate Degree in Forensic Science from Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad.
- Proficient in communication & presentation skills.
- Ready to take new roles/responsibilities and always meet the deadlines.

## ACADEMIC CREDENTIALS

- Pursuing Ph.D. in Forensic Science from Galgotias University, Greater Noida, U.P.
- Bachelor of Laws (LLB) from Prof. Rajendra Singh (Rajju Bhaiya) University, Prayagraj, Uttar Pradesh in 2018-2021. (Reg. No. UP Q 10827/24)
- Diploma in Photography from UPRTOU, Prayagraj in 2019.
- Associated as a Forensic Examiner & Students Training Coordinator with Infinivis Global Institute Pvt. Ltd., Prayagraj during the period of October 2018 to October 2020.
- Certification in Basic Programming of MATLAB, including Digital Image Processing from Prayagraj.
- Masters of Science in Forensic Science from Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad (U.P.) in 2014-2016.
- B.Sc. (Biotechnology) from CSJM University, Kanpur, (U.P.) in 2011-2014.
- 10+2 from U.P. Board from G.P.G.I.C, Allahabad in 2010.
- 10th from U.P. Board from V.D.G.I.C., Allahabad in 2008.

## Practical Experience

- Analysis and identification of Blood and other biological fluids.
- Encountered various Suicide, Homicide, Accident and Theft cases.
- Skilled in forensic photography with various cameras, lenses, and techniques.
- Analysis of handwriting traits, variations, disguises, and forgeries, including signature fraud detection.
- Handling instruments such as the Comparison Microscope, TLC, and U.V-Spectrophotometer.
- Examination, identification & development of FINGER PRINTS by various methods.
- Examination of Insecticides & Pesticides from the visceral sample.

## Publications

- Book chapter "Application of Gas Chromatography in Criminalistics" in Book "Advances in Analytical Techniques for Forensic Investigation". Wiley, Scrivener Publishing, 5 Aug. 2024, DOI: 10.1002/9781394167340
- Singh, N. *et. al.* (2024). AI in machine learning- A Forensic Approach. *Gravida Review Journal*; 234-241. DOI:10.37897.GRJ.2023.V10I10.24.5140756
- Singh, N. *et. al.* (2024). AI-Powered Graphology- A Neural Technique for Personality Insights. *Gravida Review Journal*; 242-248. DOI:10.37897.GRJ.2023.V10I10.24.5140757

## Patents

- "A System Provided for Nanorobotic Arm to Operate in the Endoscopy and Working Method Thereof" (Application No: 202331004813, Filed & Published)
- "Effect of Alkaline Treatment on Physical Behaviour of Habara Fiber Towards Development of Sustainable Composites" (Application NO: 202341018091, Filed & Published)

## Resource Person

- Invited speaker in the "2nd State Conference on Forensic Nursing", Organized by M.S. Institute of Nursing, Lucknow, U.P., on August 11th, 2024.
- Jury Member in "7th Forensis Agora: 3rd International Conference" on 08-09 Feb. 2025, Organized by the Department of Forensic Science, SBT, Galgotias University, Greater Noida, U.P.

## Awards & Recognition

- Received "Academic Excellence & Leadership Award in Forensic Science-2024-25", from Forensic Experts Pvt. Ltd. for outstanding contribution to the field of forensic Science

## INTERNSHIPS

- Successfully completed 3 months Practical as well as Theoretical Training Programme in FORENSIC BIOLOGY, DNA AND FORENSIC TOXICOLOGY DIVISIONS during the period 26TH Sep. 2016 to 28TH Dec. 2016 at **State Forensic Science Laboratory, Lucknow, (U.P.)**
- Completed dissertation work on "Comparative Study of Peripheral and Menstrual Blood on Different Surfaces at Different Time Interval", under the supervision of Dr. Vaibhav Saran, (Asst. Professor) at **Department of Forensic Science, SHIATS, Allahabad (U.P.)**.
- Successfully completed 30 days Practical as well as Theoretical training in "Physics Division", during the period 1ST June 2015 to 30TH June 2015 at **Central Forensic Science Laboratory, C.B.I. New Delhi**, under the supervision of Deepak Kumar Tanwar, SSO-I (Physics Division), CFSL, CBI, New Delhi.
- Successfully completed 6 months, 14 days Practical as well as Theoretical training in all aspects of CRIME SCENE MANAGEMENT AND LABORATORY ANALYSIS OF PHYSICAL AND BIOLOGICAL EVIDENCES, during the period 18TH NOV 2014 to 30TH MAY 2015 at **S.S.P. Office, Allahabad (Field Unit)** under the supervision of Mr. Prem Bharti, In-charge Field Unit, Allahabad, (U.P.).

## CO-CURRICULAR ACTIVITIES

- Actively Participated in the **2nd International Conference "Forensis Agora"** on "NEO ERA OF FORENSIC SCIENCE AND LAW INTERFACE", organized by "Division of Forensic Science, Galgotias University" on 22nd & 23rd April, 2023.
- Successfully completed 2 weeks **Faculty Development Program on "Entrepreneurship"** organized by NIESBUD, Ministry of Skill Development and Entrepreneurship, Govt. of India. from 13th-25th March, 2023.
- Actively participated as an instructor in the "**16th INTER-BATTALION P.A.C. EAST ZONE COMPUTER, ANTI-SABOTAGE CHECK, VIDEOGRAPHY, FORENSIC INVESTIGATION AND POLICE PHOTOGRAPHY COMPITITION, YEAR-2016**" organized by "42nd Battalion P.A.C. Naini, Allahabad, (U.P.) on 09th Aug. to 12th Aug., 2016.
- Actively Participated in the National Seminar on "**ISSUES & CHALLENGES IN FORENSIC MEDICINE & FORENSIC SCIENCE**", organized by "Department of Forensic Science, SHIATS" on 9TH & 10TH March, 2016.
- Actively Participated in the National Seminar on "**ONLINE BANKING FRAUDS: SECURITY & COUNTERMEASURES**", organized by "Department of Forensic Science, SHIATS" on 16TH & 17TH April, 2015.
- Actively Participated in the "**23rd ALL INDIA FORENSIC SCIENCE CONFERENCE**", organized by "Directorate of Forensic Science Services MHA, Govt. Of India" in association with "Forensic Science Laboratory, Madhya Pradesh, Bhopal", on 23rd & 24th March 2015.

Date-

Place-



Namrata Singh