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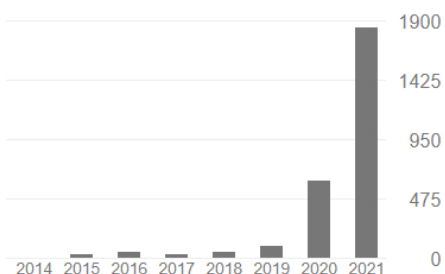
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**Academic Qualifications:**

- Ph.D. Forensic Science
- UGC-NET-JRF Forensic Science
- M.Sc. Forensic Science
- B.Sc. Forensic Science & Criminology

**Academic & Research Experience:**

- 9 Years 4 Months [2012 to present date]

**Highlights:**

- **36 High Impact Publications** in various International Journals of Repute including Journal of Forensic and Legal Medicine, Egyptian Journal of Forensic Sciences, Forensic Science Research, Forensic Science International: Animals and Environments, Microchemical Journal, etc.
- **7 Chapter published** in various books by reputed Publishers.
- **46 Reviews conducted** for various International Journals of Repute.

**Main Areas of Specialization/Work/Interest**

Fingerprints, Questioned Documents, Forensic Chemistry & Toxicology, Crime Scene Investigation and Reconstruction, Collection and Packaging of Evidences, Emerging Trends in Forensic Science, Burden of Diseases.

**Special Achievements**

- Developed “E-content” Modules for **Fingerprints, Other Impressions, Forensic Toxicology** for UG Course in Forensic Science and Criminology (UGC-HRDC-MMRC).
- **Departmental Topper** in **B.Sc. Forensic Science** at Department of Forensic Science & Criminology, Dr. H. S. Gour Vishwavidyalaya, Sagar, M.P.

**- Dr. Neeti Kapoor, Ph.D.**

## Responsibilities:

### 1. Academics

- 1.1. **Teaching-** (PG) M.Sc. Forensic Science, (UG) B.Sc. Forensic Science & Post Graduate Diploma in Forensic Science & Related Laws (PGDF).
- 1.2. **Paper Setter & Evaluator & External examiner** for UG, PG and PG Diploma courses in Forensic Sciences & Related subjects for various Universities/Institutes/Colleges in India.
- 1.3. Member of **Syllabus Setting Committee** (for B.Sc. Forensic Science and M.Sc. Forensic Science) for various Universities/Institutes/Colleges in India.
- 1.4. **Project Guide-** Guided Students of PGDF, B.Sc. & M.Sc. for their project dissertations.
- 1.5. **Remedial Classes for Forensic Toxicology** for B.Sc. Forensic Science students.
- 1.6. **Remedial Classes for UGC-NET/SET** for M.Sc. Forensic Science Students.

### 2. Administration

- 2.1. **Faculty In-charge of Placement Cell**, Govt. Institute of Forensic Science, Nagpur. (2015-Present)
- 2.2. **Head of Admission Committee** for PGDF, Govt. Institute of Forensic Science, Nagpur.
- 2.3. **Head of Environmental Studies**, Govt. Institute of Forensic Science, Nagpur.
- 2.4. **Member of Technical Committee**, Govt. Institute of Forensic Science, Nagpur.
- 2.5. **Member of Local Purchasing Committee**, Govt. Institute of Forensic Science, Nagpur.
- 2.6. **Internal Examiner** for Rashtrasant Tukadoji Maharaj (RTM) Nagpur University, Nagpur. (UG & PG Courses)
- 2.7. **Faculty In-charge** of Forensic Science Society, Govt. Institute of Forensic Science, Nagpur. (2013-2015)
- 2.8. **Head & Member** of various committees (**NET Coaching, remedial coaching, etc.**) Govt. Institute of Forensic Science, Nagpur.
- 2.9. Worked as Officer in the “**Service Book Verification**” drive by Joint Director, Higher Education, Nagpur Region.
- 2.10. Worked as **Venue Officer** for various examinations by Maharashtra State CET cell for LLB/LLM/B.Ed./M.P.Ed., etc.

## Papers Published

1. **E-waste forensics: An overview**  
(2021) *Forensic Science International: Animals and Environment*  
**Publisher:** Elsevier Inc.
2. **A study of genomic diversity in populations of Maharashtra, India, inferred from 20 autosomal STR markers**  
(2021) *BMC Research Notes*, 14 (1), art. no. 69  
**Publisher:** BioMed Central Ltd      **PubMed ID:** 33622409
3. **Forensic analytical approaches to the dating of documents: An overview**  
(2021) *Microchemical Journal*, 170, art. no. 106722  
**Publisher:** Elsevier Inc.
4. **Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018**  
(2021) *Nature Medicine*, 27 (10), pp. 1761-1782.  
**Publisher:** Nature Research
5. **Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019**  
(2021) *The Lancet*, 398 (10303), pp. 870-905.  
**Publisher:** Elsevier Ltd
6. **Genotoxic Potential of Nanoparticles: Structural and Functional Modifications in DNA**  
(2021) *Frontiers in Genetics*, 12, art. no. 728250  
**Publisher:** Frontiers Media S.A.
7. **Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000–2018**  
(2021) *Nature Human Behaviour*, 5 (8), pp. 1027-1045.  
**Publisher:** Nature Research      **PubMed ID:** 34083753
8. **Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990-2019: A systematic analysis from the Global Burden of Disease Study 2019**  
(2021) *The Lancet Public Health*, 6 (7), pp. e482-e499.  
**Publisher:** Elsevier Ltd      **PubMed ID:** 34051920
9. **Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019**  
(2021) *The Lancet*, 397 (10292), pp. 2337-2360.  
**Publisher:** Elsevier B.V.      **PubMed ID:** 34051883
10. **Mapping routine measles vaccination in low- and middle-income countries**  
(2021) *Nature*, 589 (7842), pp. 415-419.  
**Publisher:** Nature Research      **PubMed ID:** 33328634

11. **Effectiveness of talcum powder for decipherment of latent fingerprints on various substrates**  
(2021) *Asian Journal of Chemistry*, 33 (1), pp. 120-126.  
**Publisher:** Asian Publication Corporation
12. **Five insights from the Global Burden of Disease Study 2019**  
(2020) *The Lancet*, 396 (10258), pp. 1135-1159.  
**Publisher:** Elsevier B.V. **PubMed ID:** 33069324
13. **Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019**  
(2020) *The Lancet*, 396 (10258), pp. 1204-1222.  
**Publisher:** Elsevier B.V. **PubMed ID:** 33069326
14. **Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019**  
(2020) *The Lancet*, 396 (10258), pp. 1223-1249.  
**Publisher:** Elsevier B.V. **PubMed ID:** 33069327
15. **Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019**  
(2020) *The Lancet*, 396 (10258), pp. 1160-1203.  
**Publisher:** Elsevier B.V. **PubMed ID:** 33069325
16. **Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019**  
(2020) *The Lancet*, 396 (10258), pp. 1250-1284.  
**Publisher:** Lancet Publishing Group **PubMed ID:** 32861314
17. **Detection of synthetic food color “Metanil Yellow” in sweets: a systematic approach**  
(2020) *Journal of Planar Chromatography - Modern TLC*, 33 (4), pp. 413-418.  
**Publisher:** Akademiai Kiado Rt.
18. **Single-digit fingerprint analysis for hand determination: A study of twinned loops**  
(2020) *Medicine, Science and the Law*, 60 (3), pp. 182-187.  
**Publisher:** SAGE Publications Ltd **PubMed ID:** 32208809
19. **Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017**  
(2020) *Nature Medicine*, 26 (5), pp. 750-759.  
**Publisher:** Nature Research **PubMed ID:** 32313249
20. **Age estimation from tooth-pulp area ratio: A preliminary study [Estimation de l'âge à partir du rapport surface/pulpe : une étude préliminaire]**  
(2020) *Revue de Medecine Legale*, 11 (1), pp. 11-14.  
**Publisher:** Elsevier Masson SAS

21. **Estimating global injuries morbidity and mortality: Methods and data used in the Global Burden of Disease 2017 study**  
(2020) *Injury Prevention*, 26 (1), pp. 1125-1153.  
**Publisher:** BMJ Publishing Group      **PubMed ID:** 32839249
22. **Global injury morbidity and mortality from 1990 to 2017: Results from the global burden of disease study 2017**  
(2020) *Injury Prevention*, 26 (1), pp. 1096-1114.  
**Publisher:** BMJ Publishing Group      **PubMed ID:** 32332142
23. **Fingerprint analysis for the determination of hand origin (right/left) using the axis slant in whorl patterns**  
(2020) *Forensic Sciences Research*  
**Publisher:** Taylor and Francis Ltd.
24. **The burden of unintentional drowning: Global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study**  
(2020) *Injury Prevention*, art. no. 2019043484  
**Publisher:** BMJ Publishing Group      **PubMed ID:** 32079663
25. **Development of submerged and successive latent fingerprints: a comparative study**  
(2019) *Egyptian Journal of Forensic Sciences*, 9 (1), art. no. 44  
**Publisher:** Springer Berlin Heidelberg
26. **A novel approach for sex determination using palmar tri-radial: A pilot study**  
(2019) *Journal of Forensic and Legal Medicine*, 65, pp. 22-26.  
**Publisher:** Churchill Livingstone      **PubMed ID:** 31029003
27. **Epidemiology of injuries from fire, heat and hot substances: Global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study**  
(2019) *Injury Prevention*  
**Publisher:** BMJ Publishing Group      **PubMed ID:** 31857422
28. **A study of distribution, sex differences and stability of lip print patterns in an Indian population**  
(2017) *Saudi Journal of Biological Sciences*, 24 (6), pp. 1149-1154.  
**Publisher:** Elsevier B.V.
29. **Forensic meteorology: Tip of the iceberg**  
(2016) *Journal of Indian Academy of Forensic Medicine*, 38 (1), pp. 77-79.  
**Publisher:** Shaheed-e-Azam Press
30. **Efficacy of Robin® powder blue for latent fingerprint development on various surfaces**  
(2015) *Egyptian Journal of Forensic Sciences*, 5 (4), pp. 166-173.  
**Publisher:** Egyptian Forensic Medicine Authority (Elsevier)
31. **Digital dermatoglyphics: A study on Muslim population from India**  
(2015) *Egyptian Journal of Forensic Sciences*, 5 (3), pp. 90-95.  
**Publisher:** Egyptian Forensic Medicine Authority (Elsevier)

32. **Sex differences in the thumbprint ridge density in a central Indian population**  
(2015) *Egyptian Journal of Forensic Sciences*, 5 (1), pp. 23-29.  
**Publisher:** Egyptian Forensic Medicine Authority (Elsevier)
33. **An analysis of whorl patterns for determination of hand**  
(2015) *Journal of Forensic and Legal Medicine*, 32, pp. 42-46.  
**Publisher:** Churchill Livingstone (Elsevier)      **PubMed ID:** 25882149
34. **A study on salivary hemagglutinins in a central indian population**  
(2014) *Egyptian Journal of Forensic Sciences*, 4 (2), pp. 34-38.  
**Publisher:** Egyptian Forensic Medicine Authority (Elsevier)
35. **An empirical analysis of suicidal death trends in India: A 5-year retrospective study**  
(2014) *Journal of Forensic and Legal Medicine*, 27, pp. 29-34.  
**Publisher:** Churchill Livingstone (Elsevier)      **PubMed ID:** 25287796
36. **Distribution of Fingerprint Patterns in an Indian Population**  
(2014) *Malaysian Journal of Forensic Sciences*, 5(2):18-21.

## **Book Chapters (Authored)**

1. **“Molecular Techniques in Microbial Forensics”** in *Handbook of DNA Profiling*, Springer Living Reference Works, 2021 (In Press).
2. Ashish Badiye, Neeti Kapoor, Ritesh K Shukla, **“Detection and separation of proteins using micro/nanofluidics devices”** in *‘Progress in Molecular Biology and Translational Science’*, Elsevier Publication, 2021 (In Press).
3. Ashish Badiye, Neeti Kapoor, Pankaj Shrivastava. **“Forensic DNA evidence: From Crime Scene to Conviction”** in *‘Forensic DNA Typing: Principles, Applications and Advancements’* Pankaj Shrivastava, Hirak Ranjan Dash, Jose A. Lorentte, Jahangir Imam (eds), Springer Publication, 2020.
4. Ashish Badiye, Neeti Kapoor, Prachi Kathane, Ritesh K Shukla. **“Quality Control in Forensic DNA Typing”**, in *‘Forensic DNA Typing: Principles, Applications and Advancements’* Pankaj Shrivastava, Hirak Ranjan Dash, Jose A. Lorentte, Jahangir Imam (eds), Springer Publication, 2020.
5. Ashish Badiye, Neeti Kapoor, Prachi Kathane, Kewal Krishan. **“Forensic Gait Analysis”**, In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 [PubMed Indexed].
6. Neeti Kapoor, Ashish Badiye, Ritesh K Shukla, Swati D Mishra, Ankit Shrivastava. **Integration of Nanotechnology in Forensic Sciences**, in *Introduction of Forensic Nanotechnology as Future Armor* Edited by Ritesh Shukla, Alok Pandya. Nova Publishers, USA, 33-48, 2019. [ISBN: 978-1-53616-040-6]
7. Ashish Badiye, Neeti Kapoor, Ritesh G Menezes. **Chain of Custody (Chain of Evidence)**, In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2019. [PubMed Indexed PMID: 31869141].

## Awards

1. Awarded **Best Women Faculty Award** at the **ICFI Summit & Awards 2021** organised by **Department of Forensic Science and Criminal Investigation, Legal Desire** in recognition of leadership, expertise, contribution, devotion and commitment towards Forensics for Criminal Investigation in India (7th August 2021).
2. Awarded **Best Oral Presentation Award (First Prize)** at the **National Conference on “The Role of Science and Technology in Crime Prevention”** organized jointly by BT Institute of Excellence, Sagar and Indian Science Congress Association-Sagar Chapter in collaboration with the State Forensic Science Laboratory, Sagar, Madhya Pradesh (08-09 March, 2019).
3. Awarded **Best Paper Presentation Award (Third Prize)** for “*The Future of Forensic Science: 3-D Printing*” at International Conference on Advances in DNA Technology ICAFDT-2018, held at Bundelkhand University, Jhansi, UP (22-24 Feb 2018).
4. Awarded **Best Poster Presentation Award (Third Prize)** for “*DNA Barcoding for Rapid Identification of Insects and Larvae*” at International Conference on Advances in DNA Technology ICAFDT-2018, held at Bundelkhand University, Jhansi, UP (22-24 Feb 2018).
5. Awarded **Best Paper Presentation Award (Third Prize)** for “**Potential use of RFID for Forensic Evidence Management in India**” at one day National Conference on “Forensic Science An Interface between Science, Law & Justice” at Dept. of Forensic Science, Govt. Institute of Forensic Science, Nagpur, MH (23<sup>rd</sup> Dec 2017).
6. Awarded **Best Paper Presentation Award (Third Prize)** for “**Review on Acid Attacks and its Current Scenario in India**” at one day National Conference on “Forensic Science: An Interface between Science, Law & Justice” at Dept. of Forensic Science, Govt. Institute of Forensic Science, Nagpur, MH (23<sup>rd</sup> Dec 2017).
7. Won **Best Paper Presentation Award (Third Prize)** at the **one-day Interdisciplinary National Conference** on “Application of Science and Social Sciences in Sports” held at VNGIASS Nagpur on 11<sup>th</sup> March 2017.
8. Awarded the **Certificate of Recognition “Contribution in Reviewing”** by **Journal of Forensic and Legal Medicine (Elsevier)**, in recognition of the reviews contributed to the journal (June 2016).
9. Awarded the **Certificate of Recognition “Contribution in Reviewing”** by **Journal of Epidemiology and Global Health (Elsevier)**, in recognition of the reviews contributed to the journal (March 2016).
10. Awarded the Certificate of “**Outstanding Contribution in Reviewing**” by **Journal of Forensic and Legal Medicine (ELSEVIER)**, in recognition of the contributions made to the quality of the journal (November 2015).



## **Guest/Invited Lectures/ Demonstrations Delivered:**

1. Delivered **Expert Talk** as **Resource Person** on “**Classification of Fingerprints**” in Webinar Series organised by Clue4 Evidence Foundation, Bangalore (20<sup>th</sup> April 2020).
2. Delivered **Expert Talk and Hands-on demonstration** on “**Fingerprint- Examination, Analysis and Comparison**” in the **three-day workshop** organised by Dept of Forensic Science, Govt. Institute of Forensic Science, Nagpur (8<sup>th</sup> March 2020).
3. Delivered **Invited Talk** on “**Fingerprints in Forensic Science**” in the **4<sup>th</sup> National Forensic Conference**, organised by Forensic Investigations & Consultancy Services, Delhi (27<sup>th</sup> February 2020).
4. Conducted **Practical Demonstration and Hands-on Session** in the **Workshop “PsychoFest”** at Vasantnao Naik Government Institute of Arts and Social Sciences, Nagpur (8<sup>th</sup> Feb 2020).
5. Delivered **Invited Lecture** on “**Crime Scene Investigation**” to **Probationer Deputy Superintendent of Police rank officers of Maharashtra Police Service Cadre** organised by Commissioner of Police Office, Nagpur City.
6. Delivered **Hands-on** training and demonstration “**Fingerprint Science**” to the student’s interns of study tour from Saudi Arabia organised Vigyan Bharti at VNIT Nagpur (8<sup>th</sup> May 2019).
7. Delivered **Popular Science Lecture** and **Hands-on** practical session on “**Fingerprints**” organised by Vigyan Bharti and NEERI Nagpur (23<sup>rd</sup> April 2019).
8. Delivered **Invited Talk** on “**Graphology and Its Importance in Behavior Analysis**” at **All India Radio**, Akashwani Nagpur Center (15<sup>th</sup> April 2019).
9. Conducted a “**10-day Workshop & Hands-on Training**” for Police Officers of Nagpur City.
10. Delivered “**Guest Lecture**” on “**Fingerprint in Forensic Science**” at Ambedkar Law College, Nagpur.
11. Gave “**Live Demonstration**” on “**Various aspects of Forensic Science**” to Police Officers and General Public at “**e-Mantra-The Tech Expo 2016**” organized by Bhandara District Police, on 19<sup>th</sup>-20<sup>th</sup> March 2016.
12. Delivered **Lectures** and gave **Practical Demonstrations** on “**Fingerprints for Police**”, “**Crime Scene Investigation**”, “**Collection & Packaging of Evidences**”, “**Homicide Investigation**”, “**Investigation of Murder Scene**”, and “**Narcotic Drugs & Psychotropic Substances**” in the workshops and training programs conducted for Maharashtra State Police Officers.
13. Delivered **Guest Lectures** on “**Fingerprints: Type, Classification, Minutiae Identification & Matching and Latent Print Development**” at BT Institute of Excellence, Sagar on 1-2 May 2015.
14. Delivered **Lectures** and gave **Practical Demonstrations** on “**Development of Latent Fingerprints**” in the workshop conducted for training the Police Officers for Maharashtra State Police.