

CURRICULUM VITAE

Name: Dr. AMARNATH MISHRA

*Professor (Forensic Sciences)
Forensic Expert & Medico-legal Consultant
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Education: M.Sc., M.Phil., Ph.D., UGC-NET

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RESEARCH, ACADEMICS & ADMINISTRATIVE EXPERIENCE (16+ YEARS)

- **Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India**
 - **Associate Professor** (04/09/2023 – Present)
- **Lloyd Institute of Forensic Science, Greater Noida**
(Affiliated to National Forensic Sciences University, Gandhinagar, Gujarat), India
 - **Founder Head of Institution & Professor** (11/10/2022 – 02/09/2023)
- **School of Forensics, Risk Management & National Security (SFRMNS), Rashtriya Raksha University**
(An Institution of National Importance) (Pioneering National Security and Police University of India),
Ministry of Home Affairs, Govt. of India, Gandhinagar, Gujarat, India
 - **Associate Professor (Forensic Science)** (13/07/2022 – 10/10/2022)
- **Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India**
 - **Assistant Professor (Grade-III)** (01/12/2021 – 11/07/2022)
 - **Assistant Professor (Grade-II)** (10/08/2015 – 30/11/2021)

Department of Forensic Science, School of Humanities, Arts & Applied Sciences
Amity University Dubai Campus, United Arab Emirates

 - **On Deputation** (16/04/2017 - 10/07/2017)
- **Department of Forensic Medicine, National Medical College, Birgunj, Parsa (Dist.), Nepal**
(Affiliated to Tribhuvan University recognized by Nepal Medical Council and approved by Government of
Nepal, Ministry of Education)
 - **Associate Professor** (13/07/2014 - 06/08/2015)
 - **Assistant Professor** (14/11/2008 - 12/07/2014)
- **Department of Forensic Medicine, College of Medical Sciences, Bharatpur, Chitwan (Dist.) Nepal**
(Affiliated to Kathmandu University recognized by Nepal Medical Council and approved by Government of
Nepal)
 - **Lecturer** (14/09/2008 – 13/11/2008)

TECHNICAL/ CONSULTANCY & VISITING/ GUEST FACULTY EXPERIENCE

- Associate of Virtual Autopsy (VizTouch Forensic Imaging Services Private Limited), India (31/07/2023 - Present).
- **Technical Assessor** (ISO/IEC17025) for National Accreditation Board for Testing and Calibration Laboratories (NABL), Gurugram, India (18/02/2020 - Present).
- **Forensic Expert and Medico-legal Consultant** for the Court of Law under section 45 & section 65B of the Indian Evidence Act 1872.
- **Guest Faculty** at Department of Forensic Science and Criminology of Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India (6th – 8th May 2015).
- **Guest/Visiting Faculty** for teaching Forensic Science at Center of Forensic Science and Criminology of Asian Institute of Human Science and Development, Lucknow, India.
- **Guest Faculty** for teaching Forensic Science (Fingerprints & Forensic Documents Examination) at National P.G. College, University of Lucknow, Uttar Pradesh, India.

HONOURS/ AWARDS/ ACHIEVEMENTS/ APPRECIATION

- Received **International Distinguished Academic Award 2023** during **Global Edu-Conclave 2023** held virtually on 5th September 2023 organised by **International Institute of Organized Research – I2OR** and Green ThinkerZ in association with Centre for Smart Modern Construction, **Western Sydney University, Australia**, The Intelligent Indian, Sustainable Cosmos, Wakelet, IJRECE, TRJ, SusCos Academy, Elsevier's Mendeley.
- Received **Honorary Membership** of the **Georgian Academy of Forensic Sciences**, Georgia on 16th February 2023. (Membership No. 000012).
- Received **Academic Excellence Award** by Department of Forensic Science & Criminal Investigation, Legal Desire, Media and Insights & Department of Forensic Science, Vivekananda Global University, Jaipur, India on 21st January 2023 during **National Forensic Science & Criminal Investigation Summit & Awards – 2023**.
- **Organized training sessions and delivered lectures** to more than 100 Investigating Officers of the Central Bureau of Investigation (CBI), Ministry of Personnel, Pension & Public Grievances, Govt. of India, and Officials from different countries under the Indian Technical and Economic Cooperation (e-ITEC) Programme, Development Partnership Administration, Ministry of External Affairs, Govt. of India and other Investigating, National Security & Risk Management personals.
- **1st Prize for best Poster Presentation on “Forensic Anthropology: Studying Bones - Sex, Age & Stature Determination”** during National Seminar on White Collar Crime & Economic Offences (10th -11th January, 2008) at Department of Forensic Science & Computer Science, Faculty of Science & Technology, Allahabad Agricultural Institute-Deemed University, Allahabad, India.
- **Qualified** University Grants Commission- National Eligibility Test (**UGC-NET Examination India**) on **24th June**, 30th December **2007** and 28th December 2008 for Lectureship in Forensic Science.

RESEARCH GUIDANCE/ SKILLS

- **AREA OF INTEREST:** Forensic Sciences, Toxicology, Analytical Chemistry, DNA Fingerprinting, Forensic Medicine, Public Health, Questioned Documents, Cyber Forensics.
- **Ph.D. in Forensic Science Guidance: 03 Ph.D. Students** (Awarded: 02 & Thesis Submitted: 01)
 - Name of Research Scholar: Mr. Indresh Kumar Mishra (**Registration No. A5930517003**) (Registration Date: 13th January 2017, Completion Date: 3rd November 2022)
Ph.D. Topic: **Method Development and Validation Studies of DNA Fingerprinting Using Advanced Kits and Techniques in Forensic Science**
 - Name of Research Scholar: Mr. Adarsh Mishra (**Registration No. A5930517005**) (Registration Date: 17th July 2017, Completion Date: 28th October 2022)
Ph.D. Topic: **Development of Analytical Methods for Analysis of Anesthetic Drugs in Forensic Samples**
 - Name of Research Scholar: Mr. Sourabh Kumar Singh (**Registration No. A5908019003**) (Thesis Submitted) (Registration Date: 19th July 2019, Thesis Submission Date: 26th June 2023)
Ph.D. Topic: **Development of Analytical Methods for the Detection of Fire Accelerants from Forensic Samples**
- **M.Sc. Forensic Sciences** (Dissertation): 35 students
- **B.Sc. (H.) Forensic Sciences** (Major Projects): 87 students
- **P.G. Diploma** in Fingerprint Science (Minor Projects): 11 students
- **P.G. Diploma** in Forensic Document Examination (Minor Projects): 75 students

RESEARCH/DOCTORAL & POST-DOCTORAL STUDY DETAILS

- **Ph.D. in Forensic Science** with specialization in Forensic & Analytical Toxicology with thesis topic entitled, “**Poisoning Trends, their Investigation and Development of Improved Isolation Methods**” in collaboration with Central Forensic Science Laboratory, Chandigarh, DFSS, MHA, Government of India. (**Registration No. 10PHFS103**)
(Registration Date: 31st August 2010, Thesis Submission Date: 30th October 2014 and Thesis Defense/ Completion Date: 31st March 2015).
Workplace: Department of Forensic Science & Department of Chemistry, Sam Higginbottom University of Agriculture, Technology & Sciences (Formerly SHIATS Allahabad), Prayagraj, Uttar Pradesh,
Chemistry and Toxicology Division, Central Forensic Science Laboratory, Chandigarh, DFSS, MHA, Govt. of India, and
National Forensic Science Laboratory, Lalitpur, Nepal.
- As per University rules and records Ph.D. degree fulfills Eleven criteria suggested by U.G.C. Regulations, 2009.
- **M.Phil. in Biochemistry** with specialization in Forensic Biochemistry with a **dissertation** topic entitled, “**Application of DNA Fingerprinting in Disputed Paternity**”.
- **M.Sc. in Forensic Science** with **dissertation** topic entitled, “**Application of DNA Fingerprinting Technique in Forensic Investigation: Case Studies**” on attachment during the period from 28th January to 16th June 2008 in DNA Fingerprinting Unit and Biology Division, Central Forensic Science Laboratory, Hyderabad (A.P.) India.
- **Research Scholar** in the pilot study on “**Non-registration of FIR**” at Police Stations in Allahabad, Uttar Pradesh, conducted by Bureau of Police Research and Development (**BPR&D**), Ministry of Home Affairs, Government of India (May 2007 - August 2008).

EXAMINATION QUALIFICATIONS

Examination	Specialization/ Subjects	College/ Institution	Board / University	Month/ Year of passing
Ph.D. (Doctorate)	Forensic & Analytical Toxicology/ Forensic Science	Central Forensic Science Laboratory, Chandigarh, India	Sam Higginbottom University of Agriculture, Technology and Sciences, (Formerly SHIATS Allahabad), Prayagraj, Uttar Pradesh, India	March/ 2015
M.Phil. (Pre-doctorate)	Forensic Biochemistry/ Biochemistry	Vinayaka Missions University, Salem, Tamilnadu, India		June/ 2009
M.Sc. (Post-graduation)	Forensic Serology & DNA Fingerprinting/ Forensic Science	College of Basic & Applied Sciences	Sam Higginbottom University of Agriculture, Technology and Sciences, (Formerly AAI, Allahabad) Prayagraj, Uttar Pradesh, India	August/ 2008
B.Sc. (Graduation)	Chemistry, Botany & Zoology	U. N.P.G. College Padrauna, Kushinagar	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, Uttar Pradesh, India	June/ 2006
Intermediate (12 th)	Biology, Chemistry, Physics, English & General Hindi	Bhartiya Intermediate College, Padrauna, Kushinagar	Uttar Pradesh Board of High School and Intermediate Education, India	June/ 2002
High School (10 th)	Science, Mathematics, English, Hindi, Sanskrit & Social Science	G. S.V.S. Inter College, Maharajganj	Uttar Pradesh Board of High School and Intermediate Education, India	June/ 2000

ADDITIONAL EXAMINATION QUALIFICATIONS

- Post Graduate Diploma in Disaster Management (**P.G.D.D.M.**) from School of Social Sciences (SOSS), Indira Gandhi National Open University (IGNOU), New Delhi, India (In process).
- Qualified Diploma in Photography (**D.I.P.**) from School of Humanities, Uttar Pradesh Rajarshi Tandon Open University (UPRTOU), Prayagraj, India.
- Qualified Post Graduate Diploma in Journalism & Mass Communication (**P.G.J.M.C.**) from School of Journalism and New Media Studies (SOJNMS), Indira Gandhi National Open University (IGNOU), New Delhi, India.
- Qualified **M.Sc. in Biochemistry (2012)** with **1st Division** from School of Sciences, Uttar Pradesh Rajarshi Tandon Open University (UPRTOU), Allahabad, India.

COMPUTER SKILLS/ QUALIFICATIONS

- Operating systems: MS DOS and Win 10. Language known: C.
- Others: Basics, MS-Word, MS-Excel, Power Point, Internet, and SPSS
- Qualified Post Graduate Diploma in Computer Applications (**P.G.D.C.A.**) with 1st Div. (72.75%) from Dr. C. V. Raman University, Bilaspur (C.G.) India.
- Qualified ‘CCC’ (Course on Computer Concepts) Examination of National Institute of Electronics and Information Technology (NIELIT), Government of India.

TECHNICAL ASSESSOR/ QUALITY ASSURANCE & SUPPORT SKILLS/ TRAINING

- Qualified Information Security Management Systems (**ISMS ISO 27001 Training Course** from **Amity University-British Standards Institution (AUBSI)**, Noida, India.
- Qualified Risk Management Systems (**RMS ISO 31000 Training Course** from **Amity University-British Standards Institution (AUBSI)**, Noida, India.
- Successfully completed e-Learning course on “**Dimensional Measurement User**” delivered by Training Section of **National Physical Laboratory**, United Kingdom (UK).
- Successfully completed e-Learning course on “**Understanding Uncertainty Budgets**” delivered by Training Section of **National Physical Laboratory**, United Kingdom (UK).
- Successfully completed e-Learning course on “**Introduction to Measurement Uncertainty**” delivered by Training Section of **National Physical Laboratory**, United Kingdom (UK).
- Qualified **5 Days (21st - 25th January 2020) Laboratory Assessors Course** as per **ISO/IEC 17025:2017** organized by National Accreditation Board for Testing and Calibration Laboratories (**NABL**), **Gurugram, India**.
- Qualified Quality Management Systems (**QMS ISO 9001 Training Course** from **Amity University-British Standards Institution (AUBSI)**, Noida, India.

PATENTS/ COPYRIGHTS

PATENTS:

- Aqua Life: A Compact Device Extracting Drinkable Water from Sea Water. (Australian) (**Patent No. 2021100286**) (**Granted**)
- A Systematic Framework for Healthcare Information Exchange through Blockchain-Based Approaches. (Indian) (**Application No. 202111019211 A**) (**Published**)
- A Wearable Electro Acupuncture Device for COVID Treatment and its Method Thereof. (Australian) (**Patent No. 2021102598**) (**Granted**)
- IoT based Smart Digital Food recommendation for Health Management System. (Indian) (**Application No. 202141033809 A**) (**Published**)
- A Method for Recognition of Sweat Latent Fingerprint Using Blue-Emitting Fluorescent Carbon Quantum Dots. (Indian) (**Application No. 202211001435**) (**Published**).

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- Forensic Toxicological Investigation of Drug Facilitated Sexual Assault Cases and Date Rape Drugs (**Filed**).

PUBLICATIONS

JOURNALS (NATIONAL/ INTERNATIONAL) (*Corresponding author)

- Mishra A*, Behl A, Singla S, Singh GK. (2023). Detection and quantification of physiologically active substances in curcumin supplements. *Materials Today: Proceedings*. (ISSN 2214-7853). (SCI Indexed) (Scopus). <https://doi.org/10.1016/j.matpr.2023.08.175>. (Accepted).
- Kanojia R., Mishra A*, Jaiswal AK, Bhagar S. (2023). Analysis and Analytical Aspects of Toluene in Inhalant of Abuse in Living and Dead: A Review. *Journal of South India Medico Legal Association*. Vol. 15 (1): 94-113. (ISSN: p-0974-6196) (Scopus).
- Anand U, Dey A, Chandel AKS, Sanyal R, Mishra A*, Pandey DK, Falco VD, Upadhyay A, Kandimalla R, Chaudhary A, Dhanjal JK, Dewanjee S, Vallamkondu J, de la Lastra JJMP. (2023). Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. *Genes & Diseases*. Vol. 10 (4):1367-1401. (ISSN: 2352-3042). (SCI Indexed) (Scopus) (Web of Science) (PubMed Central) (Impact Factor: 6.8). <https://doi.org/10.1016/j.gendis.2022.02.007>.
- Barman DD, Mishra A. (2022). Cannabis: Current Global Scenario and Scope of Its Medicinal Use in India. *Journal of Forensic Medicine & Toxicology*. Vol. 39 (2): 91-96. (ISSN p-0971-1929 and e-0974-4568). (Scopus).
- Semwal V, Singla S, Mishra A*. (2022). Humanly Fluids Detection using Non-Destructive Techniques. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 25 (3-4): 155-165. (ISSN p-0972-0448 and e-0974-4614). (Scopus).
- Vaishali, Mishra A*. (2022). Acquisition of data from windows and mac via digital collector. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 25 (3-4): 147-150. (ISSN p-0972-0448 and e-0974-4614). (Scopus).
- Kohli RK, Mishra A*, Haque I, Gupta S. (2022). Applicability of Demirjian method using Dental Age Estimation Comprehensive chart (DAEcc) in a group of Haryana children. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 25 (1-2): 108-113. (ISSN p-0972-0448 and e-0974-4614). (Scopus).
- Singh SK, Mishra A*, Sharma RK. (2022). Identification of selected fire accelerants from different matrices in forensic samples by using ATR-FTIR. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 25 (1-2): 127-134. (ISSN p-0972-0448 and e-0974-4614). (Scopus).
- Kohli RK, Mishra A*, Haque I. (2022). Significance of Dental Age Assessment in Forensic Science: A Review. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 25 (1-2): 96-99. (ISSN p-0972-0448 and e-0974-4614). (Scopus).
- Sharma V, Mishra A*. (2022). Victimology and its application in Indian courts: study based on working of district courts, Panipat (Haryana). *Journal of Forensic Medicine & Toxicology*. Vol. 39 (1): 37-40. (ISSN p-0971-1929 and e-0974-4568). (Scopus).
- Mishra A*. (2022). Editorial: Digital Rape: A Medico-Legal Perspective. *J Punjab Acad Forensic Med Toxicol*. Vol. 22 (1): pp 5-6. (ISSN: 0972-5687) (Scopus).
- Shankar M, Shankar B, Mishra A*. (2022). Forensic GIS in Crime Mapping of North-West Region of Bihar, India. *J Punjab Acad Forensic Med Toxicol*. Vol. 22 (1): pp 119-122. (ISSN: 0972-5687) (Scopus).
- Mishra A, Mishra A*, Jayaseelan C, Singh B. (2022). Development of New Spot Test for the Identification of Ketamine and its Application for Forensic Samples – Blood, Injection, and Viscera. *J Punjab Acad Forensic Med Toxicol*. Vol. 22 (1): pp 123-126. (ISSN: 0972-5687) (Scopus).
- Mishra IK, Mishra A*, Singh B. (2022). Role of DNA Fingerprinting in Uniting an Abandoned Baby Girl with her Biological Mother. *J Punjab Acad Forensic Med Toxicol*. Vol. 22 (1): pp 140-144. (ISSN: 0972-5687) (Scopus).
- Dadwal A, Semwal V, Mishra A*. (2022). Comparative Study of Security Features of Drivers' License. *J Punjab Acad Forensic Med Toxicol*. Vol. 22 (1): pp 187-196. (ISSN: 0972-5687) (Scopus).
- Mishra A*, Srivastava A, Mishra V. (2022). Improved Isolation and Detection Approach of Chlorpyrifos Pesticide from Urine and Viscera Samples. *Journal of Forensic Medicine & Toxicology*. Vol. 39 (1): 45-50. (ISSN p-0971-1929 and e-0974-4568). (Scopus).
- Anand U, Chandel AKS, Oleksak P, Mishra A*, Krejcar O, Raval IH, Dey A, and Kuca K. (2022). Recent Advances in Potential Applications of Luminescence-based, SPR-based, and Carbon-based Biosensors. *Applied Microbiology and Biotechnology*. Vol. 106: 2827-2853. ISSN: 0175-7598 (print); 1432-0614 (web). (Scopus) (Impact Factor: 5). <https://doi.org/10.1007/s00253-022-11901-6>
- Indira S.P., Singh J, Sodhi GS, Mishra A*. (2022). A case control study to evaluate the role of Palmar Dermatoglyphics with regard to Criminal tendency. *Journal of South India Medico Legal Association*. Vol. 14 (1): 35-42. (ISSN: p-0974-6196) (Scopus).
- Behl A, Mishra A*, Sharma GP. (2022). A critical scientific review on *Withania somnifera*, *Garcinia cambogia* and Curcumin supplements: Food forensics perspective. *Current Nutrition & Food Science*. Vol. 18 (1): 31-41. (ISSN: 0972-5687) (Scopus) (Web of Science).

- Behl A, **Mishra A***, Sharma GP. (2021). Qualitative and quantitative evaluation of the physiologically active substances in commercially available *Withania somnifera* supplements. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (3-4): 179-185. (ISSN p-0972-0448 and e-0974-4614). (**Scopus**).
- Mishra IK, **Mishra A***, Singh B. (2021). Detection of rare allele in Indian population leading to solution of disputed paternity case: A case study. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (3-4): 175-178. (ISSN p-0972-0448 and e-0974-4614). (**Scopus**).
- Behl A, **Mishra A***, Sharma GP, Mishra V. (2021). Detection and determination of the levels of physiologically active substances in non-alcoholic beverages. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (3-4): 164-174. (ISSN p-0972-0448 and e-0974-4614). (**Scopus**).
- **Mishra A***, Rani MSS, Singh C, Mishra V. (2021). Extraction, isolation, and detection methods used for antihistamines drugs from biological matrices- a review. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (3-4): 155-163. (ISSN p-0972-0448 and e-0974-4614). (**Scopus**).
- **Mishra A***, Mishra V, Srivastava A. (2021). Improved isolation and detection of malathion insecticide from forensic samples. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (3-4): 148-154. (ISSN p-0972-0448 and e-0974-4614). (**Scopus**).
- Mishra A, **Mishra A***, Singh B. (2021). Development of Analytical Method on HPLC-UV for Determination of Lignocaine in Forensic Samples – Blood, Injections & Viscera. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (1-2): 143-147. (ISSN p-0972-0448 and e-0974-4614) (**Scopus**).
- Mishra A, **Mishra A***, Singh B. (2021). Development of Analytical Method on GC-FID for Determination of Ketamine in Forensic Samples – Blood, Injections & Viscera. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (1-2): 135-139. (ISSN p-0972-0448 and e-0974-4614) (**Scopus**).
- Mishra IK, **Mishra A***, Singh B. (2021). Detection of Rare Variant Alleles at Short Tandem Repeat (STR) Loci in Indian Population. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (1-2): 102-105. (ISSN p-0972-0448 and e-0974-4614) (**Scopus**).
- Singh SK, **Mishra A***, Singh B. (2021). Development of ATR-FTIR Technique and Pattern Recognition of Fire Accelerants and Fabrics in Forensic Samples. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (1-2): 98-101. (ISSN p-0972-0448 and e-0974-4614) (**Scopus**).
- Mishra IK, **Mishra A***, Singh B. (2021). Detection of Rare Y-Allele Deletion on Amelogenin in Autosomal STR in Indian Population. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 24 (1-2): 94-97. (ISSN p-0972-0448 and e-0974-4614) (**Scopus**).
- Tara H, **Mishra A***. (2021). Comparative Study of Different Forensic Software and Hardware Tools to Extract Data from Electronic Devices. *J Punjab Acad Forensic Med Toxicol*. Vol. 21 (1): pp 97-104. (ISSN: 0972-5687) (**Scopus**).
- Rani MSS, Singh C, **Mishra A***. (2021). Development of an analytical method for detection of Imidacloprid Insecticide from Biological Matrix using LC-MS/MS. *J Punjab Acad Forensic Med Toxicol*. Vol. 21 (1): pp 220-5. (ISSN: 0972-5687) (**Scopus**).
- Mishra A, **Mishra A**, Singh B. (2021). Perioperative and Anesthetic Death due to Lidocaine Overdose: Forensic Analysis on Biological Samples (Blood and Viscera). *Indian Journal of Natural Sciences (IJONS)* Vol. 12 Issue 67: pp 33793-6 (ISSN: 0976-0997) (**Web of Science**).
- **Mishra A***, Chandel AKS, Bhalani DV and Shrivastava R. (2021). Importance of Dietary Supplements to the Health. *Current Nutrition & Food Science*. Vol. 17 (6): pp 583-600. (ISSN: 0972-5687) (**Scopus**) (**Web of Science**).
- Tayal I, Garg P, **Mishra A**, Mittal S, Joshi R, Pandey N. (2020). Suicidal Human Poisoning with Imidacloprid Insecticide: A rare autopsy case report from Malwa, Punjab (India). *J Punjab Acad Forensic Med Toxicol*. Vol. 20 (2): pp 144-6. (ISSN: 0972-5687) (**Scopus**).
- Singh C, Rani MSS, **Mishra A***. (2020). Development of analytical method for detection of Monocrotophos Insecticide from Biological Matrix using LC-MS/MS. *International Journal of Medical Toxicology and Legal Medicine*. Vol. 23 (1 and 2): 210-9. (ISSN p-0972-0448 and e-0974-4614) (**Scopus**).
- Mishra IK, **Mishra A**, Kharkwal AC, Mohapatra BK, Behera C, Singh B. (2020). Comparative Study on Different Modified Techniques Used for DNA Isolation from Teeth Samples for Obtaining Optimized Output. *Indian Journal of Forensic Medicine & Toxicology*, Vol. 14 (3): 305-310. (ISSN p-0973-9122 and e-0973-9130) (**Scopus**).
- Mishra IK, Singh B, **Mishra A**, Mohapatra BK, Kaushik R, Behera C. (2020). Touch DNA As Forensic Aid: A Review. *Indian Journal of Forensic Medicine & Toxicology*, Vol. 14 (2): 58-62. (ISSN p-0973-9122 and e-0973-9130) (**Scopus**).
- Dwivedi A, Singh C, **Mishra A***, Mishra VP (2020). Comparative Analysis of Data Mining in Criminal and Fraud Detection. *International Journal of Psychosocial Rehabilitation*. Vol. 24(6): 1449-60. (ISSN e-1475-7192) (**Scopus**).

- **Mishra A*** and Nagda B. (2020). Study of selected water quality in Udaipur region, India. *Asian Journal of Water, Environment and Pollution*, Vol. 17 (1): 51-57. (ISSN p-0972-9860 and e-1875-8568) (**Scopus**) (**Web of Science**).
- **Mishra A***. (2019). An epidemiological study of poisoning trends in eastern region of Nepal. *J Indian Acad Forensic Med*, Vol. 41(1): 50-52. (ISSN No. p-0971-0973 and e-0974-0848) (**Scopus**).
- Garg P, Sarita N, Tayal I, Joshi R, **Mishra A.** (2017). Ethical and legal aspects of transfusion medicine-review literature. *IP International Journal of Forensic Medicine and Toxicological Sciences*, Vol. 2. pp. 24-26. (ISSN: 2456-9615).
- **Mishra A***. (2017). Advances of Forensic Science in India. *IP International Journal of Forensic Medicine and Toxicological Sciences*, Vol. 2. pp. 1. (ISSN: 2456-9615).
- **Mishra A***, Shukla SK, Tayal I, Ashwini K, Mittal S, Joshi R. (2017). Trends of Poisoning in Developing Country – A Ten-year Retrospective Study. *J Punjab Acad Forensic Med Toxicol*. Vol. 17(1): pp 35-9. (ISSN: 0972-5687) (**Scopus**).
- **Mishra A***. (2017). Forensic Graphology: Assessment of Personality. *Forensic Res Criminol Int J*, 4(1): 00097. (ISSN: 2469-2794).
- **Mishra A***, Chatterjee A, Chauhan V. (2017). Impact of Radiation on Health: Clinical and Forensic Allusion. *Annals of Life Sciences*, 001/01. (ISSN: 2521-036X).
- Das A, Jain V, **Mishra A.** (2016). A brief review on a traditional herb: *Abrus precatorius* (L.). *IP International Journal of Forensic Medicine and Toxicological Sciences*, Vol. I. pp. 1-10. (ISSN: 2456-9615).
- **Mishra A*** and Sathyan S. (2016). Role of DNA Fingerprinting in Disputed Paternity. *Med Phoenix*, Vol. 1(1):44-46. (ISSN: 2392 – 425X).
- **Mishra A***, Sathyan S, Shukla SK. (2015). Application of DNA Fingerprinting in an Alleged Case of Paternity. *Journal of Biochemistry & Analytical Biochemistry*, Vol.4: Issue 2: 165. doi:10.4172/2161-1009.1000165 (ISSN: 2161-1009).
- Kumar A, **Mishra A***. (2015). Anatomical Variations in the Branching Pattern of Human Aortic Arch: A Cadaveric Study from Nepal. *Eur J Anat*, Vol.19 (1):43-47. (ISSN: 1136-4890). (**Scopus**).
- **Mishra A***, Shukla SK, Chattree A, Gupta AK. (2015). Poisoning Scenario in Developing Countries- a Review. *International Journal of Multidisciplinary Health Sciences*, Vol.2. Issue 1. Jan-Feb. (ISSN: 2348-5760).
- Kumar A, **Mishra A***, Goswami D, Ganesh E. (2014). Morphological Variations in Lumbricals of Upper Limb: A Cadaveric Study. *Journal of Anatomy & Physiology: Current Research*, Vol. 4: 165. doi:10.4172/2161-0940.1000165. (ISSN: 2161-0940).
- **Mishra A***, Shukla SK, Gupta AK. (2014). Analysis of Insecticides in Body Fluids: A Review. *J Chromatograph Separat Techniq*, Vol. 5:234. doi:10.4172/2157-7064.1000234. (ISSN: 2157-7064).
- **Mishra A***, Shukla SK. (2014). Heavy Metal Toxicity: A Blind Evil. *J Forensic Res* 5: e116. doi:10.4172/2157-7145.1000e116. (ISSN: 2157-7145).
- Jha, L., Mishra, M. K., Kesharwani, L., Gupta, A. K. and **Mishra, A***. (2013). Fingerprint Pattern Examination of Right-Hand Thumb in Relation to Blood Groups. *IRJLS* Vol. 1 (1): 8-13. (ISSN: 2347- 4092).
- Mishra, M. K., Gupta, A. K., Vinayak, V., Kesharwani, L. and **Mishra, A.** (2013). Development of New Wet Digestion Method for Extraction of Diatom from Visceral Material. *IRJLS* Vol. 1 (1): 14-17. (ISSN: 2347-4092).
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- Chaurasia N, **Mishra A**, Pandey SK. (2012). Fingerprint of Arsenic Contaminated Water in India-A Review. *J Forensic Res* 3:172. doi:10.4172/2157- 7145.1000172. (ISSN: 2157-7145).
- **Mishra A***, Shukla SK, Yadav MK, Gupta AK. (2012). Epidemiological Study of Medicolegal Organophosphorus Poisoning in Central Region of Nepal. *J Forensic Res* 3: 167. doi:10.4172/2157-7145.1000167. (ISSN: 2157-7145).

BOOKS

- Harisha, **Amarnath Mishra**, C. Singh (2023). Edited Book Title “**Advancements in Cyber Crime Investigation and Digital Forensics**” by **Apple Academic Press** (Taylor & Francis Group). (ISBN 9781774913031). (**Scopus**).
- A. Barbaro and **Amarnath Mishra** (2022). Edited Book Title “**Manual of Crime Scene Investigation**” by **CRC Press** (Taylor & Francis Group). 1st Edition. (ISBN 9781032315553).
- **Amarnath Mishra**. (2019). Book entitled, “**DNA Fingerprinting Technique in Forensic Investigation**” by Lambert Academic Publishing. (ISBN: 978-613-9-45862-2).
- **Amarnath Mishra**. (2018). Book entitled, “**Poisoning Trends and Their Forensic Investigation**” by Lambert Academic Publishing. (ISBN: 978-613-7-34847-5).

- BBL Srivastava and **Amarnath Mishra. (2016)**. Book entitled, “**Fundamental of Analytical Chemistry**”. Innovative Publication, 1st Edition. (ISBN: 978-81-932450-3-3).
- BBL Srivastava, **Amarnath Mishra** and GW Woyessa. (2016). Book entitled, “**Practical Instrumental Analysis I Laboratory Manual**”. Innovative Publication, 1st Edition. (ISBN: 978-81-932450-7-1).

BOOK CHAPTERS

- S. Singla, S. Subhash and **A. Mishra (2023)**. Book Chapter: “**Network and Data Analysis Tools for Forensic Science**” for edited book entitled, “Modern Forensic Tools and Devices: Trends in Criminal Investigation” by **Scrivener Publishing. (Print ISBN: 9781119760412; Online ISBN: 9781119763406)**. (Scopus).
- Vaishali, SK Singh and **A. Mishra (2023)**. Book Chapter: “**Digital Forensics & Cyber Security Tools**” for Edited Book Title “**Advancements in Cyber Crime Investigation and Digital Forensics**” by **Apple Academic Press** (Taylor & Francis Group). (ISBN 9781774913031). (Scopus).
- S. Joshi, SK Singh and **A. Mishra (2023)**. Book Chapter: “**Black Hats: A Major Threat to your Finances**” for Edited Book Title “**Advancements in Cyber Crime Investigation and Digital Forensics**” by **Apple Academic Press** (Taylor & Francis Group). (ISBN 9781774913031). (Scopus).
- Akanksha, V. Tyagi, C. Singh, SK Singh and **A. Mishra (2023)**. Book Chapter: “**Tools and Protocols for the Analysis of Mobile Phones in Digital Forensics**” for Edited Book Title “**Advancements in Cyber Crime Investigation and Digital Forensics**” by **Apple Academic Press** (Taylor & Francis Group). (ISBN 9781774913031). (Scopus).
- **A. Mishra, S Singla and DD Barman (2022)**. Book Chapter: “**Scientific Testing, Forensic Identification, Evidences and Differences in Policy Frameworks of Hemp**” for edited book entitled, “Revolutionizing the Potential of Hemp and Its Products in Changing the Global Economy” by **Springer Nature**. (ISBN No. 978-3-031-05144-9) (Scopus).
- **A. Mishra, S. Singla, S. Kumari and DK Jaiswal (2022)**. Book Chapter: “**Heavy metals and metalloids in soil and vegetable crops**” for edited book entitled, “Metals and Metalloids in Soil-Plant-Water Systems: Phytophysiology and Remediation Techniques” by **Elsevier**, pages 395- 416. (ISBN No. 978-032391675-2; 978-032391691-2) (Scopus).
- **A. Mishra, S Singla, SK Singh and A. Behl (2022)**. Book Chapter: “**Insight into soil organic pollutants: Microbial bioremediation as a sustainable approach toward restoration of agriculture soil**” for edited book entitled, “Microbial Biotechnology: Role in Ecological Sustainability and Research” by **Wiley Blackwell**, pages 421- 433. (ISBN No. **978-111983448-9**) (Scopus).
- P. Jain, V. Omi and **A. Mishra (2022)**. Book Chapter: “**Fiber Evidence Collection**” for Edited Book Title “**Manual of Crime Scene Investigation**” by **CRC Press** (Taylor & Francis Group). 1st Edition. (ISBN 9781032315553).
- C. Singh, H. Tara and **A. Mishra (2022)**. Book Chapter: “**Digital Evidence Collection**” for Edited Book Title “**Manual of Crime Scene Investigation**” by **CRC Press** (Taylor & Francis Group). 1st Edition. (ISBN 9781032315553).
- **A. Mishra, SK Singh and S. Singla (2022)**. Book Chapter: “**Toxicological Evidence Collection**” for Edited Book Title “**Manual of Crime Scene Investigation**” by **CRC Press** (Taylor & Francis Group). 1st Edition. (ISBN 9781032315553).
- **A. Mishra, J. Singh, C. Singh and A. Dwivedi (2022)**. Book Chapter: “**Bloodstain Pattern Analysis**” for Edited Book Title “**Manual of Crime Scene Investigation**” by **CRC Press** (Taylor & Francis Group). 1st Edition. (ISBN 9781032315553).
- R. Gupta and **A. Mishra. (2022)**. Book Chapter: “**Toxicological and Medicinal Aspects of Aconite for Forensic Consideration: A Review**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- V. Malav and **A. Mishra. (2022)**. Book Chapter: “**Calotropis Poisoning**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- S. Subhash and **A. Mishra. (2022)**. Book Chapter: “**Tobacco Poisoning**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- S. Raghunath and **A. Mishra. (2022)**. Book Chapter: “**Ergot Poisoning**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- S. Tharun Kumar and **A Mishra. (2022)**. Book Chapter: “**Datura Poisoning**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).

- Manisha and **A. Mishra. (2022)**. Book Chapter: “**Opium Poisoning**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- S. Ajit and **A. Mishra. (2022)**. Book Chapter: “**Cannabis Poisoning**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- S. Singla, H. Tara and **A. Mishra. (2022)**. Book Chapter: “**Forensic Biometrics**” for book entitled, “Recent Advancements in Forensic Science” by Shiv Shakti Book Traders, New Delhi, India. (ISBN No. 978-93-83805-14-3).
- PW Upadhyay and **A. Mishra. (2021)**. Book Chapter: “**Forensic Anthropology**” for book entitled, “Biological Anthropology: Applications and Case Studies” by Intech Open publisher. (ISBN No. 978-1-83962-977-8).
- A Behl, **A. Mishra, IK Mishra (2021)**. Book Chapter: “**Tools and techniques used in forensic DNA typing**” for book entitled, “Handbook of DNA Profiling” by Springer Nature. (ISBN No. 978-981-15-9364-2) (Scopus).
- SK Singh, **A. Mishra, A Behl (2021)**. Book Chapter: “**Touch DNA analysis**” for book entitled, “Handbook of DNA Profiling” by Springer Nature. (ISBN No. 978-981-15-9364-2) (Scopus).
- A Dwivedi, **A. Mishra, D Singh. (2021)**. Book Chapter: **Cybersecurity and Privacy Issues of Blockchain Technologies** for book entitled, “**Blockchain for Information Security and Privacy**” by CRC Press (Taylor & Francis Group). (ISBN No. 9780367654481).
- **A. Mishra, S. Singla, AK Barui. (2021)**. Chapter 6 – “**Green synthesis of inorganic nanoparticles and their cancer theranostics applications**” for book entitled, “Biogenic Nanoparticles for Cancer Theranostics (A volume in Micro and Nano Technologies)” by Elsevier. (ISBN No. 978-0-12-821467-1) (Scopus).
- S. Kumari and **A. Mishra. (2020)**. Book Chapter: “**Heavy Metal Contamination**” for book entitled, “Soil Contamination - Threats and Sustainable Solutions” by Intech Open publisher. (ISBN No. 978-1-83880-754-2).
- **A. Mishra. (2020)**. Book Chapter: “**Forensic Chemistry & Toxicology**” for book entitled, “Medical Toxicology” by Intech Open publisher. (ISBN No. 978-1-83880-278-3).
- **A. Mishra** and N Nardareshvili. (2017). Book Chapter: “**Forensic Toxicology**” for book entitled, “Manual of Forensic Science: An International Survey” by CRC Press (Taylor & Francis Group). (ISBN No. 978-1498766302). (Scopus).
- S. Ahmed and **A. Mishra. (2017)**. Book Chapter: “**Forensic Biology**” for book entitled, “Manual of Forensic Science: An International Survey.” by CRC Press (Taylor & Francis Group). (ISBN No. 978-1498766302). (Scopus).

CONFERENCE PROCEEDINGS/ PAPERS

- D. Singh, A. U. Khan, R. Dey, **A. Mishra**, P.K. Nanda, "IoT Based Municipality Drinking Water System through NFC and SCADA," 2021 19th OITS International Conference on Information Technology (OCIT), 2021. (IEEE) (Scopus).
- **A. Mishra**, C. Singh, A. Dwivedi, D. Singh and A. K. Biswal, "Network Forensics: An approach towards detecting Cyber Crime," 2021 International Conference in Advances in Power, Signal, and Information Technology (APSIT), 2021, pp. 1-6, doi: 10.1109/APSIT52773.2021.9641399. (IEEE) (Scopus).
- Pandya IY, Joshi N, **Mishra A**, “Disease-X: Crown Viruses Transformed Lives into Corona Factories and Dance of the Pandemic Covid-19”, 6th International Conference on Advanced Research in Arts, Science, Engineering & Technology, Organized By DK International Research Foundation, p 47-56, 27th June 2021. (ISBN: 978-93-90956-53-1).
- **Mishra A**, Srivastav A, Ahlawat S. Development of Improved Isolation Method for Detection of Insecticides from Biological Fluids. **Forensic Science International, Vol. 277 (1): 83**. 21st Triennial Meeting of the International Association of Forensic Sciences in Toronto, Ontario, Canada (August 21-25, 2017). (ISSN: 0379-0738) (Scopus) (Web of Science) (Impact factor: 1.990).
- **Mishra A**, Shukla SK, Tuladhar B. **Poisoning Trends in Nepal**. p 543. In the Proceedings of the American Academy of Forensic Sciences during 66th Annual Scientific Meeting at Seattle, WA, USA (February 17-22, 2014).
- **Mishra A**, Shukla SK, Yadav MK, Gupta AK. Epidemiological Study of Medicolegal Organophosphorus Poisoning in Central Region of Nepal. p 218. In the Proceedings of the American Academy of Forensic Sciences during 66th Annual Scientific Meeting at Seattle, WA, USA (February 17-22, 2014).

EXPERT/INVITED LECTURES/TALK & PAPER/POSTER PRESENTATIONS

EXPERT/ INVITED LECTURES/ TALK/ CHAIR:

- **Invited as a Co-chairperson** of the International Virtual Conference on “Advances in Forensic Genetics” held on 13th July 2023 organized by WAWFE, Italy.
- **Invited Resource Person & Panelist** for the panel discussion on topic “**Cyber Security – Challenges and Opportunities**” organized by the Faculty of Computer Applications, Marwadi University, Rajkot, Gujarat, India on **20th May 2023**.
- **Invited Lecture** on “**Understanding Roles and responsibilities of faculty in the University Structure**” in **Faculty Induction Programme (FIP-4)** on the theme “**BHARAT BODH SE SIKSHA**” for University and College teachers held from **18th January 2023 – 20th February 2023** organized by Centre for Professional Development in Higher Education (CPDHE), **UGC-Human Resource Development Centre**, University of Delhi, Delhi, India.
- **Invited as a Session Chair** during **National Forensic Science & Criminal Investigation Summit & Awards – 2023** organized by Department of Forensic Science & Criminal Investigation, Legal Desire, Media and Insights & Department of Forensic Science, Vivekananda Global University, Jaipur, India on 21st January 2023.
- **Invited Talk** on “**Role of Forensics in the determination of Cause of Death**” organized by the School of Forensic Science, Centurion University of Technology and Management, Bhubaneswar, Odisha, India on 20th January 2023.
- **Invited Talk** on “**Forensic Science & IPR**” organized by the IQAC & School of Allied Health Sciences, Jaipur National University, Jaipur, Rajasthan, India on 24th November 2022.
- **Invited Talk** on “**Drugs of Abuse**” in the **Certificate Course on Forensic Science** organized by the Department of Chemistry, Kirori Mal College, University of Delhi and Department of Forensic Medicine and Toxicology, All India Institute of Medical Sciences (AIIMS), New Delhi, India from **30th September to 18th October, 2022**.
- **Expert Talk** on “**Impact on quality of investigations due to technological interventions**” as Resource Person in One Day Workshop on “**POLICE-ACADEMIA INTERACTION FORUM PROJECTS (PAIF)**” organized by Rashtriya Raksha University Gandhinagar, Gujarat, India on **10th September, 2022**.
- **Invited Talk** on the topic “**Intricate cases of questioned document examination**” as an Expert Resource Person in the five days eITEC Training Course “**Fingerprints, Marks and Questioned Documents Examination**” organized by the School of Forensics, Risk Management & National Security, Rashtriya Raksha University Gandhinagar, Gujarat, India from **25th July to 29th July 2022**.
- **Invited as a Resource Person** to deliver a lecture on “**Update on Forensic R&Ds involving COVID-19**” in one day webinar on ‘**COVID-19 Pandemic in India: A Forensic Perspective**’ held on 21st August 2021 organised by Department of Forensic Medicine and Toxicology, Shri Sathya Sai Medical College & Research Institute (A Unit of Sri Balaji Vidyapeeth University- Deemed to be University), Ammapettai Village, Chengalpattu District, Tamil Nadu, India.
- **Invited Lecture** on “**Working principle and data analysis of GC-MS/MS and LC- MS/MS**” on 07th July 2021 during the **8th Course on Analytical Instruments and Quality Control Norms for FSLs** scheduled in Online Mode from **5th to 7th July 2021** at LNJNI National Institute of Criminology & Forensic Science, Ministry of Home Affairs, Govt. of India, Rohini, Delhi, India
- **Invited as Chairperson for ePoster Presentations (Professional Category) and Scientific Committee Member** during **4th International eConference on “Fingerprint Analysis”** conducted on 24th & 25th April 2021, organized by International Association of Scientists and Researchers, India
- **Invited as a Presenter & Keynote Speaker** in the five days ‘**Online Short-Term Certificate Course on Forensic Science**’ “Title of the talk: **Medico-legal aspects of plant poisons**, Date of talk: 19th April 2021” organized by the Department of Applied Chemistry, Karunya Institute of Technology and Sciences, Deemed to be University, Coimbatore, Tamil Nadu, India from 19th April to 23rd April 2021.
- **Invited as a resource speaker** on the topic “**Impact of COVID Pandemic on the Mental Health and Challenges in Higher Education**” on 1st June 2021 for 5 Days Faculty Development Programme on “**IMPACT OF COVID 19 ON RESEARCH INITIATIVES AND INNOVATION**” organized by Institute's Innovation Cell, Greater Kolkata College of Engineering Management, JIS Group, WB.
- **Invited as a resource speaker** on the topic “**Impact of COVID on the Mental health of Youngsters and Higher Education**” on 28th May 2021 for 5 Days Faculty Development Programme on “**Impact of COVID on Higher Education and Research Initiatives**” organized by Sri Venkateshwaraa College of Engineering & Technology (SVCET), Puducherry affiliated to Pondicherry University and in association with Indian Society of Technical Education.
- **Invited Lecture** entitled, “**Z-drug abuse- A Forensic Perspective**” in WAWFE International Conference on 21st-22nd November 2020.

- **Invited as a resource person & panelist (forum speaker)** on the topic **“Breaking through E-research in Forensic”** during 3rd International Conference of Forensic Science, Forensic Medicine and Criminology (INFOMEC) 2020 on 15th September 2020 organized by Management and Science University, Malaysia.
- **Invited as a resource person (keynote speaker) and deliver a lecture** in two-day online workshop on, **“Role of Forensic Science in Criminal Investigation”** held on 26th and 27th July 2020 organized by Law Joint New Delhi, India.
- **Invited Lecture** entitled, *“Forensic investigation of drugs used in acquaintance rape”* at the **Webinar on Forensic Research & Technology** held during July 27, 2020 organized by Meeting International, Singapore.
- **Invited as a resource person & delivered plenary talk** on **“Impact of Covid-19 on the mental health of youngster: causes and suggestion”** during **One day International E-Seminar** on “Impact of Covid-19 on Intellectual Health of Youngsters, its Remedial Measures & Use of ICT” **organized by Shankarlal Agrawal Science College, Salekasa** affiliated with Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, India on 27th June 2020.
- **Invited Lecture** entitled, **“Artificial Intelligence in Forensic Science: Biometric Security”** during Webinar Series of the Institute of Technical Education and Research (ITER), Shiksha ‘O’ Anusandhan, Deemed to be University, Bhubaneswar, Odisha on 13rd June 2020.
- **Invited Lecture** entitled, **“Forensic Science in India”** during Webinar Series of the WAWFE on 3rd May 2020.
- **Invited Lecture** entitled, **“Current state and future prospect of artificial intelligence in biometric security”** during National Seminar on “Prospects of Science & Society in the Era of Artificial Intelligence” organized by B.S.N.V.P.G. College (KKV), Lucknow in association with **Vijnana Bharti** and the **Institution of Engineers (India)** (from 3rd to 4th March 2020).
- **Invited Lecture** entitled, **“Role of DNA Fingerprinting in Forensic Investigation”** at Department of Zoology, D. D. U. Gorakhpur University, Gorakhpur (UP), India in UGC sponsored workshop on ‘Tools and Techniques in Life Sciences’ from 25th to 26th March 2019.
- **Invited Lecture** entitled, **“Forensic Chemistry: Laboratory to Courtroom”** in **Young Scientist Category** during International Conference on “Chemical Sciences: National and Global Prospective” organized by Department of Chemistry, Lucknow Christian College, University of Lucknow, India (from 29th to 31st October 2018).
- **Invited Lecture** entitled, **“Impact of Technological Advancement in Forensic Science”** in Knowledge Sharing Session at Amity University Dubai, United Arab Emirates on 3rd July 2017.

INTERNATIONAL PRESENTATION:

- **Poster Presentation** of a scientific paper entitled, **“The Detection and Determination of the Levels of Physiologically Active Substances in Non-Alcoholic Beverages”** during **74th Annual American Academy of Forensic Sciences (AAFS) Scientific Conference (from 21st to 25th February 2022)** at Washington State Convention Center, USA.
- **Oral Presentation** of a scientific paper entitled, **“Network Forensics: An approach towards detecting Cyber Crime,”** in 1st International Conference in Advances in Power, Signal, and Information Technology (APSIT), 2021 organized by Department of Electrical and Electronics Engineering, Faculty of Engineering and Technology (ITER), Siksha ‘O’ Anusandhan (Deemed to be University), Bhubaneswar, India during 08th-10th October 2021.
- **Oral Presentation** of a scientific paper entitled, **“COVID-19 PANDEMIC VIRUS: A BIOLOGICAL WEAPON”** in **Young Scientist Category** during **International E-Conference on “Role of Environmental and Natural Science in COVID-19 Times (ICRENSCT-2020)”** organized by Department of Chemistry, Lucknow Christian (Degree) College, University of Lucknow in collaboration with Society for Science of Climate Change and Sustainable Development, New Delhi and Association of Chemistry Teachers India (from 29th to 31st July 2020).
- **Poster Presentation** of a scientific paper entitled, **“Use of Ion Beam Technology in Forensic Science Applications”** during International Conference on Accelerators in Materials and Medical Sciences (from 5th to 7th October 2017) at Amity University Dubai Campus, Dubai and organized by Amity University UP, Noida, India and Amity University Dubai, U.A.E.
- **Oral Presentation** of a scientific paper entitled, **“Development of improved isolation method for detection of chlorpyrifos from biological fluids by GC/MS”** during International Conference on New Insights & Multidisciplinary Approach in Toxicological Studies as 36th Annual Conference of Society of Toxicology (India), August 3-5, 2016 organized by **Amity University Uttar Pradesh, Noida, India.**

- **Poster Presentation** of a scientific paper entitled, “**Application of DNA fingerprinting technique in forensic investigation: case studies**” in International Conference on Genes, Genetics & Genomics: Today & Tomorrow- Human Concerns & XXXVII Annual Conference of Indian Society of Human Genetics from 3rd to 5th March 2012 at Panjab University, Chandigarh, INDIA.
- **Oral Presentation** of a scientific paper entitled, “**Role of DNA fingerprinting: disputed paternity**” on 9th August 2010 in Research Conference on Health Science at Research Department, Tribhuvan University Teaching Hospital, Institute of Medicine, Maharajgunj, Nepal.
- **Poster Presentation** of a scientific paper entitled, “**Role of Gender on Fingerprint Recognition System**” during International Workshop on Recent Advances in Biometrics & Fingerprints (from 15th to 16th February 2010) organized by School of Forensic Science, SHIATS-DU, Allahabad, India.

NATIONAL:

- **Poster Presentation** of a scientific paper entitled, “**Heavy Metal Toxicity- A Blind Evil**” in Tech4Seva- Three Day National Workshop on Technology Outreach as an Enabler for Inclusive and Sustainable Development in collaboration of the Unnat Bharat Abhiyan and Vijnana Bharti from 10th to 12th August 2019 at Indian Institute of Technology, New Delhi, India.
- **Oral Presentation** on the topic entitled, “**Human Rights and Prisoners**” during National Seminar on ‘Human Rights and Its Contestation in the Contemporary Times’ held on February 14-15, 2019 organized by Amity Institute of International Studies, Amity University Uttar Pradesh, Noida, India.
- **Oral Presentation** of a scientific paper entitled, “**Improved isolation method for detection of malathion pesticide for biological fluids by GC/MS**” in Forensic Chemical Sciences section during 24th All India Forensic Science Conference on the theme Harnessing New Vistas in Academics & Forensic Science organized by Directorate of Forensic Science Services (MHA, GOI, New Delhi) in collaboration with Gujarat University & Raksha Shakti University, Ahmedabad, India (from 10th to 12th February, 2018).
- **Oral Presentation** of a scientific paper entitled, “**Analytical study of tranquilizer in forensic samples**” in National Seminar on “Paradigm Shift in Chemical Sciences” organized by Department of Chemistry, Lucknow Christian College, University of Lucknow (from 8th to 9th November 2017).
- **Oral Presentation** of a scientific paper entitled, “**Study on Mercury Contamination in Ground Water Caused by Industrial Waste**” in National Conference on Combating Industrial Pollution for Sustainable Environment- A Fusion of Industrial and Scientific Efforts (CIPSE-2016) organized by Department of Chemistry, Gargi College, University of Delhi (from 22nd to 23rd September 2016).
- **Oral Presentation** of a scientific paper entitled, “**An epidemiological study of poisoning trends in eastern region of Nepal**” in National Symposium on Technological Advancements in Forensic Applications and 11th National Conference of Indian Congress of Forensic Medicine & Toxicology from 4- 5 January 2013 organized by Department of Forensic Medicine, P.G.I.M.E.R., Chandigarh in collaboration with Central Forensic Science Laboratory, Chandigarh, INDIA (8 CME Credit Hours Awarded by PMC).
- **Oral Presentation** of a scientific paper entitled, “**Studies of Water Quality of the River Ganga at Patna, Bihar**” in National Conference on Issues and Challenges of River Ganga Basin Management from 26th March to 28th March 2012 organized by Centre for Environmental Science & Technology, Banaras Hindu University, Varanasi, INDIA.
- **Oral Presentation** of a scientific paper entitled, “**Role of DNA Fingerprinting: Identification of Mutilated Dead Body by Y-Chromosomal STR Analysis**” in INTER-CONGRESS IN ANTHROPOLOGY: 2012 from 21st to 23rd February 2012 organized by Department of Anthropology, University of Lucknow, India.
- **Oral Presentation** of a scientific paper entitled, “**Identification of Unknown Dead Body By Y-Chromosome STR Analysis**” in XXXII Annual Conference of Indian Academy of Forensic Medicine (FORENSIC MEDICON-2011) from 28th to 30th January 2011 at Nellore (AP) INDIA (12 CME Credit Hours Awarded).
- **Poster Presentation on “Forensic Anthropology: Studying Bones - Sex, Age & Stature Determination**” during National Seminar on White Collar Crime & Economic Offences (10th - 11th January, 2008) at Department of Forensic Science & Computer Science, Faculty of Science & Technology, Allahabad Agricultural Institute-Deemed University, Allahabad, India.

PUBLICATIONS (NOT COVERED ABOVE)

TELEVISION:

- Participated as a Forensic Expert in a Live Program on TV9 Bharatvarsh News (National Hindi News Channel) (**Ateeq Ahmed Case**) (on 26.04.2023).
- Participated as a Forensic Expert in a Live Program on ABP News (National Hindi News Channel) (**Bhojpuri Film Actress Akanksha Dubey Case**) (April 2023).
- Participated as a Forensic Expert in a Live Program on ABP News & Times Now Navbharat (National Hindi News Channel) (**Shraddha Murder Case**) (November & December 2022).
- Participated as a Forensic Expert in a Live Program on ABP News (National Hindi News Channel) (**Carbon Dating in Varanasi's Gyanvapi Case**) (on 14.10.2022).
- Participated as a Forensic Expert in a Live Program on ABP News (National Hindi News Channel) (in **Mahant Narendra Giri Death case**) (on 23.09.2021).
- Participated as a Forensic Expert in a Live Program on ABP News (National Hindi News Channel) (in **Hathras case**) (on 04.10.2020).
- Participated as a Forensic Expert in an Edited Programs on India TV (National Hindi News Channel) (in **SSR Death case**).
- Participated as a Forensic Expert in Live and Edited Programs on Prime News (Regional Hindi News Channel) (in **SSR Death case**) (on 26.08.2020, 24.08.2020)
- Participated as a Forensic Expert in Live and Edited Programs on India News (National Hindi News Channel) (in **SSR Death case**).
- Participated as a Forensic Expert in Live Program on Aaj Tak (National Hindi News Channel) (in **SSR Death case**) (on 23.08.2020).
- Participation as a Forensic Expert in Live and Edited Programs on News Nation (National Hindi News Channel) (in **SSR Death case, Disha Salian Death case, Drug Addiction case**) (On 19.09.2020, 26.08.2020, 23.08.2020, etc.)
- Participated as a Forensic Expert in a Live Program on Mirror Now (Nation English News Channel) (in **SSR Death case**) (on 21.08.2020).
- **Participated as a Chemical Expert in a National program (Live) on the topic, "Vizag gas leak – Visakhapatnam incident"** on 7th May 2020 (Time: 11:00 to 11:30 AM) at ABP News a Hindi-language news channel.
- **Participated as a Forensic Expert in a Live programme, "Delhi Burari deaths" on 2nd July 2018** (Time: 9:00 AM to 11:00 AM and 4:00 PM to 5:00 PM) at India News a Hindi-language news channel.
- **Participation as a Forensic Expert in a Live programme, "Delhi Burari deaths" on 1st July 2018** (Time: 9:00 PM to 11:00 PM) at India News a Hindi-language news channel.
- **Participation as a Forensic Expert in a Live programme, "Prashna Kaal: J&K Kathua Rape Case"** on 20th April 2018 (Time: 10:00 PM to 10:20 PM) at India News a Hindi-language news channel.
- **Participation as a Forensic Expert in a Live programme, "Shridevi: Dream date, Drink and Death Mystery"** on 27th February 2018 (Time: 9:00 to 11:00AM) at India News a Hindi-language news channel.
- **Participation as a Forensic Expert in a National debate (Live) in the programme, "Mudda Aaj ka Gurugram Pradyuman Case"** on 8th November 2017 (Time: 6:00 to 6:45 PM) at News Nation a Hindi-language news channel.
- **Participation as a Forensic Expert in a National debate (Live) on the topic, "Bengaluru: Who Killed Gauri Lankesh"** on 2nd October 2017 (Time: 9:15 to 10:15 PM) at Mirror Now an English-language news channel of the Times Group.

RADIO TALKS:

- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at All India Radio-Akashvani, New Delhi for a **FORENSIC TALK**, on the topic- "**Forensic Science & Its Importance**" time: 10:10 PM, Thursday, 18th May 2023.
- Delivered a telephonic Interview for Akashvani - All India Radio Kathua (102.2 MHz) for "Vigyan Patrika" program on Thursday (09.09.2021) at 09.30 PM on **Forensic Science- Challenges and Opportunities**.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at All India Radio-Akashvani, New Delhi for a **FORENSIC TALK**, on the topic- "**Digital Forensics and Cyber Security**, time: 07:30 AM, Tuesday, 06th October 2020.

- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at All India Radio-Akashvani, New Delhi for a **FORENSIC TALK**, on the topic- “**Cyber Forensic Examination**” time: 07:30 AM, Tuesday, 17th December 2019.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at All India Radio-Akashvani, New Delhi for a **FORENSIC TALK**, on the topic- “**Drugs of Abuse**” time: 07:30 AM, Tuesday, 30th July 2019.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at All India Radio-Akashvani, New Delhi for a **FORENSIC TALK**, on the topic- “**Forensic Science and New Techniques**” time: 07:05 AM, Tuesday, 17th April 2018.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), **All India Radio-Akashvani**, New Delhi for a **FORENSIC TALK**, on the topic- “**DNA Ki Shabdawali**” time: 10:30 AM, Saturday, 14th October 2017.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at **All India Radio-Akashvani**, New Delhi for a **FORENSIC TALK**, on the topic- “**Jhooth Pakadne Ki Takniq**” time: 10:30 AM, Saturday, 6th May 2017.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at **All India Radio-Akashvani**, New Delhi for a **FORENSIC TALK**, on the topic- “**Narco Vishleshan aur Apradh Anusandhan**” time: 10:30 AM, Saturday, 19th November 2016.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), at **All India Radio-Akashvani**, New Delhi for a **FORENSIC TALK**, on the topic- “**Apradh Ke Tah Tak Jata Gaveshan Vigyan**” time: 10:30 AM, Saturday, 6th August 2016.
- In Science Magazine programme of the INDRAPRASTHA RADIO CHANNEL (819 KHz Medium Wave), **All India Radio-Akashvani**, New Delhi for a **FORENSIC TALK**, on the topic- “**DNA Fingerprinting**” time: 10:30 AM, Saturday, 14th May 2016.

RADIO STORY:

- Contribution as a faculty/ forensic specialist in ‘Rupako Ke Akhil Bhartiya Karkram’ Rupak- **Kab? Kaise? Kaun?** ‘Centralized on Development in the field of Crime Investigation’ at Indraprastha Channel and FM Rainbow Channel, **All India Radio-Akashvani**, New Delhi, time 9:30 PM to 10:00 PM, Thursday, 12th December 2019.

ARTICLE IN MAGZINE, NEWSPAPER & OTHER:

- Delivered an Interview for **Saral Bharat News** in **Safarnama 52.0** program on Thursday (09.09.2021) at 04.30 PM.
- **Mishra A. (2016)**. Role of Forensic Science in Police Inquest. *COPS Today International*, vol. 01/5: ed. Sep.-Oct, pp. 12-14. (ISSN: 2456-0324).
- An article published in **Amar Ujala News Paper** on 28th July 2014: topic- “**Bas Ek Phone Par Harbari Me Hua Post-Mortem**” in My City, Page No. 4 as a forensic expert opinion.

FACULTY DEVELOPMENT PROGRAMMES / REFRESHER COURSES

- Actively participated in **Faculty Orientation Programme** on “**Amity Academic Structure & System**” organized by Amity Academic Staff College, Amity University Uttar Pradesh, Noida, India (from 28th September to 12th October 2023).
- Actively participated in the AICTE recognized Two Weeks Faculty Development Programme on “**Refresher Course in Nanoscience and Instrumentation**” (from 11th to 22nd September 2023) organized by Applied Science Department, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the AICTE recognized One Week Faculty Development Programme on “**AI/ML and Data Science for Industry 4.0 (Basic Level)**” (from 21st to 25th August 2023) organized by Computer Science and Engineering Department, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the AICTE recognized One Week Faculty Development Programme on “**Academic Audit and Institutional Ranking**” (from 10th to 14th July 2023) organized by Media Engineering Department, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Attended 06 days **Global Initiative of Academic Networks (GIAN)** course namely “**Responsible Conduct of Research – An Overview of Ethical Principles for Scientific Researchers**” from August 8th to 13th 2023 organized by International & Inter University Centre for Nanoscience & Nanotechnology, **Mahatma Gandhi University, Kottayam, Kerala, India.**

- Attended 05 days **Global Initiative of Academic Networks (GIAN)** course namely **“Radiation Biology & Its Clinical Applications”** from March 26th to 31st, 2022 in **Special Centre for Molecular Medicine at Jawaharlal Nehru University, New Delhi, India**
- Attended 05 days Faculty Development Programme on the theme of **“Best Practices in Innovation, Entrepreneurship and Intellectual Property Rights in Pharmaceutical Sector: Prospective Trends”** from July 5 - 9, 2021 organized by Amity Academic Staff College in Association with Amity Institute of Pharmacy, Amity University Uttar Pradesh, Noida Campus.
- Actively participated in the Online AICTE recognized Two Weeks Faculty Development Programme on **“Induction Training Programme for Newly Recruited Teachers”** (from 01st to 12th February 2021) organized by **Education and Educational Management Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Managing Your Ego and Emotions at Workplace”** (11-15 January 2021) organized by **Education and Educational Management Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Project Planning & Management”** (from 4th to 8th January 2021) organized by **Education and Educational Management Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Successfully completed **One Month National Faculty Induction Program** organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)** of MoE. Obtained **GRADE “A”** as required for promotion under CAS of UGC and AICTE. (03-30 December 2020).
- Successfully participated in **Faculty Development Program on "Multidimensionality in Forensic Science Education"** during 26-30 December 2020 organised by **Amity University Haryana, Gurugram, India.**
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Motivation, Team Building and Creativity”** (from 7th to 11th December 2020) organized by **Education and Educational Management Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Innovation and Technological Entrepreneurship”** (16-20 November 2020) organized by **Entrepreneurship Development and Industrial Coordination Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Accreditation for Quality Assurance (NBA and NAAC Guidelines)”** (02-06 November 2020) organized by **Media and Continuing Education Centre Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Stress Management”** (from 26th to 30th October 2020) organized by **Education and Educational Management Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized One Week Faculty Development Programme on **“Research Pedagogy and Technical Writing”** (21-25 September 2020) organized by **Computer Science and Engineering Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized **One Week Faculty Development Programme** on **“Nuclear Radiations and Their Applications”** (20-24 July 2020) organized by **Applied Science Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized **One Week Faculty Development Programme** on **“Employability Skills for Industry 4.0”** (13-17 July 2020) organized by **Entrepreneurship Development and Industrial Coordination Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized **One Week Faculty Development Programme** on **“Materials Processing and Optimization”** (from 6th to 10th July 2020) organized by Mechanical Engineering Department, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- Actively participated in the Online AICTE recognized **Two Weeks Refresher course on “Application of Nanoscience in Modern Day Research and Technology”** (from 5th to 18th June 2020) organized by

Applied Science Department, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.

- Actively participated in **Seven Days Online Faculty Development Programme** on “**Contemporary Research Practices in Social Sciences**” organized by Amity Institute of Travel and Tourism in association with Amity Academic Staff College & Indian Tourism and Hospitality Congress at Amity University Uttar Pradesh, Noida, India (from 30th to 5th June 2020) (3 hours per day in forenoon session).
- Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online FDP** on “**Internet of Things (IoT)**” from **31-05-2020** to **04-06-2020** at **JAWAHARLAL NEHRU UNIVERSITY, New Delhi**. (4.5 hours per day).
- Actively participated in the Online AICTE recognized **One Week Faculty Development Programme** on “**Nanomaterials and Devices**” (from 25th to 29th May 2020) organized by **Applied Science Department**, National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- **Successfully completed the ARPIT Course** for Career Advancement Scheme (CAS) promotion, “**Online Refresher Course in Chemistry for Higher Education Faculty**” in the proctored examination held on 30.06.2019 offered by **Sri Guru Tegh Bahadur Khalsa College, Delhi** (online **Sixteen weeks FDP equivalent to Two weeks regular FDP**).
- Actively participated in **3 Days Faculty Development Programme** (Professional Development Programme) on Amity Academic Structure & System organized by Amity Academic Staff College, Amity University Uttar Pradesh, Noida, India (from 17th to 19th February 2016).
- **05 Days-International workshops on, “Comprehensive Toxicology”** organized by the Association of Toxicology (AoT) in conjunction with **Department of Pharmacology & Toxicology**, Veterinary College, Bengaluru **from 27th to 31st July 2015** at Veterinary College, Bengaluru, Karnataka, India.
- **08 Days-workshop on “Discovering Statistics by MS-Excel and SPSS” from 11th to 18th August 2013** at the **DST Centre for Interdisciplinary Mathematical Sciences, Banaras Hindu University, Varanasi, India**.

PROFESSIONAL SKILLS/TRAINING

- Successfully participated in the **Training of Trainers (ToT) Programme** on “**INTELLECTUAL PROPERTY RIGHTS (IPR)**” held on 25-26 August 2022 organised by the Directorate of Research & Publications, Rastriya Raksha University (RRU) in collaboration with Cell for IPR Promotion and Management (CIPAM), Ministry of Commerce and Industry, Government of India.
- Participated in the “**Training Workshop cum FDP on Basic Disaster Management**” jointly organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Amity University, Lucknow Campus held from 21-23 September 2020.
- **Two Weeks online Industrial Training** on “**Cyber Security Measures and Tools**” jointly organized by National Institute of Technical Teachers Training, Chandigarh and Digintrude InfoSec Pvt Ltd. Hyderabad, India (from 22nd June to 3rd July 2020).
- **5 Days Online Short-Term Training Program** on “**Bio-Energy: Technologies and Transitions**” jointly organized by **National Institute of Technology, Kurukshetra and Government Engineering College, Bikaner** from **18 - 22 May 2020** under TEQIP-III: Mentoring/Twinning System.
- **Completed training course on “COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response”** under **Health Emergency Programme of World Health Organization (WHO)**.
- **4 Days attachment in Toxicology Division** of National Forensic Science Laboratory, Lalitpur, Nepal.
- Training in Toxicology (from 24th September to 13th October 2009) at **Central Forensic Science Laboratory, Chandigarh, India**.
- **One Month** summer training (from 26th June to 13th July 2007) in **Computer Forensic** at Central Forensic Science Laboratory, Hyderabad (A.P.) India.
- Working knowledge & experience on TLC, HPLC, GC-FID, GC-MS, UV- Visible Spectrophotometer, PCR, Gene Sequencer, VSC 8000HS, etc.

CAPACITY BUILDING PROGRAMS/FDP/REFRESHER COURSE/LECTURE SERIES, ETC. ORGANIZED

- **Organized 15 Days & One Month Internship/ Training Program** on “**Unlock the Secrets of Forensic Science**” from 3rd June 2023 as **Head of Institution** at Lloyd Institute of Forensic Science, Greater Noida, India.
- **Organized International Lecture Series** on “**Recent Advancements in Forensic Science**” from 10th December 2022 and onwards as **Head of Institution & Convener** at Lloyd Institute of Forensic Science, Greater Noida, India.

- **Organized 5th Edition of One Week Capacity Building Program** for CBI Investigating Officers from 19th to 24th September 2022 as **Coordinator** at School of Forensics, Risk Management & National Security, Rashtriya Raksha University, Gandhinagar, Gujarat, India.
- **Organized 4th Edition of One Week Capacity Building Program** for CBI Investigating Officers from 29th August to 3rd September 2022 as **Coordinator** at School of Forensics, Risk Management & National Security, Rashtriya Raksha University, Gandhinagar, Gujarat, India.
- **Organized 3rd Edition of One Week Capacity Building Program** for CBI Investigating Officers from 18th to 23rd July 2022 as **Co-Coordinator** at School of Forensics, Risk Management & National Security, Rashtriya Raksha University, Gandhinagar, Gujarat, India.
- **Organized One Month Online Certificate Course on “Cyber Crime Investigation, Digital Forensics & Cyber Security”** from 15th June – 11th July 2022 as **Programme Director** at Amity University Uttar Pradesh, Noida, India.
- **Organized 2nd Seven Days Faculty Development Programme on “Current Trends in Forensic Science Research and Teaching” (Classroom to Expert Witness Box)** from 7th March – 14th March 2022 as **Programme Director**.
- **Organized Panel Discussion on “Role of Forensic Science in Safety of Women” during International Women Day 2022**, two days Conference on Strategies for Aatmanirbhar Bharat through SDGs and Gender Equality from 8th-9th March 2022 as **Session in Charge** at Amity University Uttar Pradesh, Noida, India.
- **Organized Panel Discussion on “Innovation and Entrepreneurship Opportunities in Forensic Science” during 4th International Conference on Entrepreneurship, Innovation and Leadership (ICEIL 2022)** from 20th-22nd January 2022 as **Faculty Coordinator** at Amity University Uttar Pradesh, Noida, India.
- **Organized 15 Days Online Refresher Course on “Emerging Trends and Challenges in Interdisciplinary Research & Teaching in Science, Technology and Intellectual Property Rights”** from 16th June – 30th June 2021 as **Programme Director**.
- **Organized Seven Days Faculty Development Programme on “Recent Advancement in Forensic Science and Technology” (Crime Scene to Court Room)** from 21st March - 27th March 2021 as **Programme Director**.
- **Organized International Conference by Biotechnology Society of Nepal (ICBSN-2021) on “Biotechnological Revolution in Environmental, Agricultural Technologies & Healthcare (BREATH)”** from 12-14 February 2021 as **Scientific Steering Committee Member, Repertoire and Collaborator** from Amity University Uttar Pradesh, Noida, India (**Supporting Partner**).
- **Organized One Day International Web Seminar on “Role of Forensic Science and Law in Safety of Women & Children”** (A dialogue dedicated to the Mission Shakti: An initiative of U.P. Government, India) on 19th December 2020 as **Convener**.

RESPONSIBILITIES & ADMINISTRATIVE SKILLS

Lloyd Institute of Forensic Science, Greater Noida, India

- **Head of Institution** (11/10/2022- 02/09/2023).
- **Examination Coordinator**

Amity Institute of Forensic Sciences, Amity University, Noida, Uttar Pradesh India

- **Program Leader** (from July 2017 to June 2021).
- **Sports Faculty Coordinator in Sangathan** (August 2015 to October 2018).
- **Placement Coordinator** (July 2016 to August 2017).
- **Quality Assurance & Enhancement (QAE) Support** (August 2015 to June 2016 and from August 2019 to July 2022).
- **Journal Club Coordinator** (July 2021 to July 2022).
- **Crime Scene Investigation Club Coordinator** (August 2019 to July 2022).
- **Curriculum Development Coordinator** (July 2017 to July 2022).
- **Member Secretary** in different Academic Boards (AAB, PROAC, etc.)
- **Alumni Coordinator** (July 2019 to December 2021).
- **Chemistry and Toxicology Laboratory In-charge** (July 2016 - June 2020)
- **NAAC Coordinator & IQAC Member**

National Medical College, Birgunj, Nepal

- **Managed Hostels as a Chief Warden** (14/09/2008-31/12/2011).
- **Founder Editor of “Med Phoenix”** (Official Journal).

Other National and International Institutions/ Organizations

- **Ph.D. Thesis Evaluator & Examiner** at **Maharshi Dayanand University**, Rohtak, Haryana, India.
- **Paper-Setter** for Punjab Public Service Commission, Patiala, Punjab, India.
- **Subject Expert for Forensic Science Research Development Committee (RDC)** of Department of Biochemistry and Forensic Science, Gujarat University, Ahmedabad, Gujarat, India on 19th September 2022.
- **Paper-Setter & Evaluator** for M.Sc. Forensic Science examination of Rashtriya Raksha University, Gandhinagar, Gujarat, India.
- **External Examiner** for Master's Thesis Evaluation at Postgraduate School of **Botswana International University of Science and Technology**, Palapye, Botswana.
- **Paper Setter and Practical Examiner** for M.Sc. Forensic Science examination of Gujarat University, Ahmedabad, Gujarat, India.
- **External Examiner** for M.Sc. Forensic Science dissertation examination of Gujarat University, Ahmedabad, Gujarat, India.
- **Paper-Setter** for M.Sc. Forensic Science examination of Kurukshetra University, Kurukshetra, Haryana India.
- **Paper-Setter & Evaluator** for Forensic Science subject at Panjab University, Chandigarh, India.
- **External Examiner** for M.Sc. Forensic Science dissertation examination of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), India.
- **Paper-Setter for M.Sc. Forensic Science examination of Government Holkar (Model, Autonomous) Science College, Indore (M.P.), India.**
- **Paper-Setter** for M.Sc. Forensic Science examination of Jharkhand Raksha Shakti University, Ranchi, India.
- **External Examiner** for B.Sc. Forensic Science examination of Jharkhand Raksha Shakti University, Ranchi, India.
- **Paper-Setter and Evaluator** for B.Sc. Forensic Science examination of Jharkhand Raksha Shakti University, Ranchi, India.
- **Paper-Setter** for M.Sc. Forensic Science examination of University of Delhi, New Delhi, India.
- **Evaluator** for B.Sc. Forensic Science examination of Sam Higginbottom University of Agriculture, Technology & Sciences, Prayagraj, Uttar Pradesh, India.
- **Ex-Assistant Director** of Center of Forensic Science and Criminology at Asian Institute of Human Science and Development (A.I.H.S.D.), Lucknow, India.
- Managed Social/ Cultural and Administrative activities at school and college levels.

VOLUNTEER EXPERIENCE

- UN Volunteer in "Edupeedia" Project for Contribution as Editor and Reference Collector (The Council of Fellow Chartered Educators).

EDITING/ REVIEWING SKILLS

- Reviewer of **Analytical Methods** journal of the Royal Society of Chemistry. **(SCI Indexed) (Impact factor: 3.1)**
- Reviewer of **Food Analytical Methods** journal. **(SCI Indexed) (Impact factor: 3)**
- Reviewer of **Journal of Forensic and Legal Medicine. (Scopus) (Impact factor: 1.5)**
- Reviewer of **Journal of Forensic Science and Medicine. (Scopus)**
- Reviewer of papers submitted to International Conference on Ambient Intelligence in Health Care (ICAIHC 2022) held during 15th – 16th April 2022 organized by Department of Computer Application, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, India (Springer).
- Reviewer of **Book proposal of IOP eBooks.**
- **Section Editor** of Annals of Life Sciences.
- **Associate Editor** of Journal of Toxicology Research (Bio info Publications).
- **Editor** of **Journal of Forensic Research** (OMICS Group Incorporation, USA).
- **Editor Board Member** of Symbiosis International Journal of Scientific Research in Environmental Science and Toxicology.
- Reviewer of **Journal of Clinical & Diagnostic Research (JCDR)**, India **(Scopus)**.
- **Founder and Ex-Editor-in-Chief** of **IP International Journal of Forensic Medicine and Toxicological Sciences.**
- **Ex-Associate Editor** of Indian Journal of Forensic and Community Medicine.
- Founder Editor of "Med Phoenix", A Peer Reviewed International Medical Journal (An Official Journal of National Medical College, Birgunj, Nepal).

CONFERENCE/ SEMINAR/ WORKSHOP ATTENDED ONLY

- Participated in **Annual Symposium on Occupational Health & Safety in Agricultural & Skill Development** organized by the Department of Forensic Medicine & Toxicology, All India Institute of Medical Sciences (AIIMS), Bathinda in association with UPL Limited on 10th August 2023 at AIIMS Bathinda, Punjab, India.
- Participated in **National Conference on “Mitigation and Prevention of Poisonings: Challenges and Opportunities”** organized by the Department of Pharmacology, All India Institute of Medical Sciences (AIIMS), New Delhi on 27 April 2023.
- Participated in the Two Days International Symposium on “Click Chemistry: A Powerful Tool in Organic Synthesis, Material Science, Biomedicine and Beyond” organised by Amity Institute of Click Chemistry Research and Studies (AICCRS), Amity University, Noida, UP from 20th August to 21st August 2021.
- Attended the Webinar TOXOCON-14 (14th Annual National Conference of the Indian Society of Toxicology) organised by Amrita Institute of Medical Sciences, Cochin, India on 21-23 Dec. 2020.
- Successfully Participated in Young Scientist Conference (YSC) conducted from 22-25 December 2020 as a part of India International Science Festival 2020 (IISF2020) organised by Ministry of Science and Technology, Ministry of Earth Sciences and Ministry of Health and Family Welfare, Govt. of India in collaboration with Vijnana Bharati (VIBHA) by Council of Scientific and Industrial Research (CSIR).
- Participated in **20th Indian Science Communication Congress (ISCC-2020) Web-Conference on Web-Conference on COVID19 Pandemic: Assessing Public Awareness and Response** Organized by Indian Science Writers' Association, Indian Science Communication Society, Vigyan Bharati Awadh Prant, Faculty Development Centre and HNB Garhwal Central University on 20th December 2020.
- Participated in National Conference on Trends in Basic and Applied Sciences held virtually at RIMT University, Mandi, Gobindgarh, Punjab, India during 7th & 8th December 2020.
- Participated in 18th Annual Conference of the Punjab Academy of Forensic Medicine and Toxicology (PAFMATCON2020) as a Delegate held on 10th October 2020.
- Participated in the State level webinar on “Molecular Informatics with DNA Fingerprinting and Forensic Palynology” held on 12th September 2020 organised by Dept. of Botany in collaboration with IQAC of Gour Mohan Sachin Mandal Mahavidyalaya, Bireswarpur, South24Pgs., West Bengal, India
- Attended Two-days International E-Seminar on Chemistry, Biology and COVID-19 organised by Department of Chemistry, University of Lucknow, India (25th & 26th June 2020).
- Participated in AWSAR (Augmenting Writing Skills for Articulating Research) Webinar on Popular Science Writing organised by the Department of Science and Technology (DST), Govt. of India and Vigyan Prasar in Collaboration of University of Jammu on 25th June 2020.
- Successfully participated in webinar on “IPR issues and Patenting” by Assistant Controller of Patents and Design of Patent Office, Kolkata, West Bengal, India organized by Department of Chemical Sciences, Maharaja Ranjit Singh College of Professional Sciences, Indore, MP, India on Wednesday 24th June 2020.
- Attended Three-days Webinar on “Importance of Statistics in Forensic Science” organised by Raksha Shakti University under the aegis of First Dialogue by the School of Forensic Science and Risk Management in collaboration with SIFS, India (from 8th to 10th June 2020).
- Attended National Webinar on “The Role of Chemistry in Sanitisation and Personal Hygiene in Context of COVID-19” organised by Department of Chemistry, B.S.N.V.P.G. College (KKV), University of Lucknow, India (19th May 2020).
- Participated in the Faculty Development Programme National Webinar entitled “**e-Content Development Methodology: Four Quadrant Model, OERs and Copyright issues**” organized by **Guru Anand Dev Teaching Learning Centre SGTBB Khalsa College, University of Delhi** under the **Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)** of MHRD held on 15 May 2020 (This is equivalent to regular National Seminar).
- Participation as delegate in Indian Analytical Congress-2019 (An International Analytical Conference and Exhibition) jointly organized by Indian Society of Analytical Scientists, Delhi Chapter & Federation of Indian Chambers of Commerce and Industry (FICCI) during 12-14 December 2019 at Amity University Noida (Delhi-NCR).
- Participation in National Seminar on “Applications of Radioisotopes and Radiation Technology in Industry, Healthcare and Agriculture” organized by Amity Institute of Nuclear Science and Technology, Amity University, Noida and National Association for Applications of Radioisotopes & Radiation in Industry (NAARRI), Mumbai, India (from 5th to 6th August, 2016).
- Participation in National Workshop on “Recent Trends in Forensic Science and its Utility” organized by Forensic Science Section, Department of Anthropology, University of Delhi, India (from 18th to 19th March 2016).

- Participation in “International Conference on Nurturing Global Healthcare” organized by Amity Institute of Pharmacy, Amity University, Noida in technical collaboration with National Coordination Centre Pharmacovigilance Programme of India (PvPI) and Indian Pharmacopoeia Commission MoH&FW, Govt. of India (from 11th to 12th March 2016).
- Participation in International Conference on “India’s Scientific Wisdom: Emerging World View” (ICISW-2016) organized by Indian Science Writers’ Association on 27th and 28th February 2016.
- Participation in 2 days National Seminar on “Online Banking Frauds: Security & Countermeasures” on 16th and 17th April 2015 organized by Department of Forensic Science, Sam Higginbottom Institute of Agriculture, Technology & Sciences (Deemed to be University), Allahabad, UP, India.
- Participation in 2 days National Seminar on “Forensic Investigation & Crime Scene Management, their role in Justice Delivery System” on 13th and 14th September, 2013 organized by Department of Forensic Science, Sam Higginbottom Institute of Agriculture, Technology & Sciences (Deemed to be University), Allahabad, UP, India.
- Participation in National Workshop on “Smart Materials: Theoretical and Experimental Approach” held on 7th and 8th August 2013 organized by Department of Physics, School of Basic Sciences, Sam Higginbottom Institute of Agriculture, Technology & Sciences (Deemed to be University), Allahabad, UP, India.
- Participation in National Seminar on “New Trends in Eco-Friendly Pest Management of Agricultural Crops” held on 26th April 2013 organized by the Society of Pest Protection, Sam Higginbottom Institute of Agriculture, Technology & Sciences (Deemed to be University), Allahabad, UP, India.
- Participation in National Conference on “Challenges in Drug Development & Research- A Proactive Approach” from 21st to 22nd March 2013 organized by United Institute of Pharmacy, Naini, Allahabad, India.
- Participation in International Symposium on Emerging Paradigms in Forensic Science (from 7th to 9th March 2013) organized by Department of Forensic Science, Punjabi University, Patiala, India.
- Participation in National Seminar on “Exciting Frontiers of Research in Science and Technology” held during 28th February to 1st March 2013 organized by the Allahabad Chapter of Indian Science Congress Association at Department of Chemistry, University of Allahabad, India.
- Actively participation in Workshop on ‘Ethical Hacking & Cyber Forensic’ on 26th February 2013 organized by Department of Forensic Science, Sam Higginbottom Institute of Agriculture, Technology & Sciences (Deemed to be University), Allahabad & Think 360 degrees, India.
- Successfully completed the short-term training program on “Bioinformatical Approaches for Protein Sequence Analysis and Structure Predictions” held at Bioinformatics Infrastructure Facility (BIF), Centre of Excellence in Bioinformatics (COEBI), Department of Biochemistry, University of Lucknow, from 8th to 9th February 2013.
- Participation in Pre-Conference Workshop on Good Laboratory Practices (GLP) on 4th December 2012 during the XXXIInd Annual Conference of Society of Toxicology of India at Indian Institute of Toxicology Research (IITR), Lucknow, India.
- Participation in “Workshop on Quality Forensic Services: Standard Operative Procedures and Auditing of Medico-Legal Work” on 4th May 2012 organized by Department of Forensic Medicine & Toxicology, All India Institute of Medical Sciences (AIIMS), New Delhi, INDIA.
- Participation in National Seminar on “Digital Forensic- A Tool for IT Security” on 24th and 25th February 2011 at the School of Forensic Science & Department of Computer Science & IT, SHIATS, Allahabad & Submission of Abstract: “Mobile Device Analysis: A Tool for Forensic Investigation”.

CONSULTANCY/ RESEARCH PROJECTS

- Worked in a project of Gujarat Police on “Impact on quality of investigations due to technological interventions” as Principal Investigator under POLICE-ACADEMIA INTERACTION FORUM PROJECTS (PAIF) at Rashtriya Raksha University, Gandhinagar, Gujarat, India (July-October 2022).

MEMBERSHIP IN PROFESSIONAL SOCIETIES

INTERNATIONAL:

- Member of the **Royal Society of Chemistry (MRSC)** (675786).
- **Honorary Membership** of the **Georgian Academy of Forensic Sciences**, Georgia. (Membership No. 000012).
- Lifetime Member of the **Asia Pacific Association of Medical Toxicology (APAMT)** (LM 00245).
- Member of the **International Association of Forensic Toxicologist (TIAFT)** (2990).
- Member of **International Scientific and Technical Committee and Editorial Review Board on Law and Forensic Sciences** of World Academy of Science, Engineering and Technology (WASET).
- Member of the **International Association of Therapeutic Drug Monitoring and Clinical Toxicology (IATDMCT)**.

- Member of the **Asia Society of Researchers (ASR)**
- Member of the **International Alliance of Clinical and Forensic Toxicologists.**
- Member, **Regional Coordinator** of India and **Chair of Forensic Toxicology** Working Group of Worldwide Association of Women Forensic Experts (WAWFE).
- Associate Member in Toxicology section of the **American Academy of Forensic Sciences (AAFS), USA (135159).**
- Life Member of the Nepal Forensics Society (NEFOS), Nepal.
- Former Fellow Member of the **International Association of Coroners & Medical Examiners, USA.**
- Former **EUROTOX** Individual Member.
- Former Graduate Student Member of the **Society of Toxicology (SOT) USA.**
- Former Graduate Student Member of the **British Toxicology Society (BTS).**

NATIONAL:

- **Life Member of Punjab Academy of Forensic Medicine & Toxicology, Punjab, India.**
- Life Member of the **Indian Science Congress Association, Kolkata (ISCA), India (L17793).**
- Lifetime Member of the **Society of Toxicology (STOX), India (913L).**
- Life Member of the **Indian Society of Human Genetics (ISHG) (L/1602/2011).**
- Life Member of the **Society of Biological Chemists of India (SBCI) (LM 2516/2011).**
- Life Member of the **Indian Academy of Forensic Sciences (IAFS), India (104, LM 8/2011).**
- Life Member of the Indian Society of Toxicology (IST), India (253/TOX/LM12).
- Life Member of the Association of Toxicology, India (AoT) (FM036/2012).
- Life Member of the Association for the **Promotion of DNA Fingerprinting and Other DNA Technologies (ADNAT), India (LMS 836/2011).**
- Life Member of the Asian Institute of Human Science & Development (AIHSD), India (LM 185).
- Life Member of VIBHA (Vijnana Bharti), India (22602).
- Life Member of B.S.N.V. Vigyan Parishad, Lucknow, India (B.S.N.V.V.P. 276).
- Member of the Institution of Chemists, India.
- Member of Vigyan Parishad Prayag, Prayagraj, India.
- Life Member of **Indian Society of Criminology (LM No. 1881).**

STRENGTHS

Independent, Adventurous, Initiative, Enthusiastic, Efficient

HOBBIES

Reading, Writing, Teaching, Photography

PERSONAL PARTICULARS

Date of Birth : **20th April 1985**
 Sex : Male
 Marital Status : Married
 Nationality : Indian
 Language proficiency : English, Hindi & Sanskrit
 Home Addresses : 1. C-236, Express View Apartments (Super M.I.G.),
 Sector-93, Noida-201304 (UP), India
 2. Bismil Nagar, Ward No. 22, N.P.P., (Near M.P. Inter College),
 Maharajganj-273303 (UP), India

DECLARATION

I hereby declare that the above statements are true and complete to the best of my knowledge and belief.

Date: -

Your faithfully,

Place: -

(Dr. Amarnath Mishra)