



Prof. (Dr.) Amarnath Mishra

Professor (Forensic Science) & Head
Lloyd Institute of Forensic Science
Greater Noida, Uttar Pradesh, India

Mob. +91 9818978527

E-mail: head@lifs.co.in;

prof.amarnathmishra@gmail.com

Orcid ID: <https://orcid.org/0000-0001-8798-5153>

About Prof. (Dr.) Amarnath Mishra

Prof. (Dr.) Amarnath Mishra has been working as Professor (Forensic Science) & Head at the Lloyd Institute of Forensic Science, Greater Noida, Uttar Pradesh an affiliated institute with the National Forensic Sciences University, Gandhinagar, Gujarat (An Institution of National Importance), Ministry of Home Affairs, Government of India since October 2022. Prior to this, he worked at the School of Forensics, Risk Management & National Security, Rashtriya Raksha University, Gandhinagar, Gujarat (An Institution of National Importance) (Pioneering National Security and Police University of India), Ministry of Home Affairs, Government of India, Amity Institute of Forensic Sciences, Amity University, Noida, Uttar Pradesh, India, Department of Forensic Science, School of Humanities, Arts & Applied Sciences, Amity University Dubai Campus, United Arab Emirates, Department of Forensic Medicine, National Medical College, Birgunj affiliated to Tribhuvan University and College of Medical Sciences, Bharatpur affiliated to Kathmandu University recognized by Nepal Medical Council and approved by Government of Nepal, Ministry of Education. He has over fourteen years of experience in Research, Academics, Administration, Forensic Practice and Case work.

Prof. (Dr.) Mishra has supervised two Ph.D. students in the area of issue and prospective of DNA application and method development for analysis of drugs. He has organized many events *i.e.* seminar, workshop, FDP, Refresher Course, etc. He has granted/awarded 4 national & international patents. He is a Technical Assessor for National Accreditation Board for Testing and Calibration Laboratories (NABL), India.

Prof. (Dr.) Mishra is a Freelance Forensic Expert and Medico-legal Consultant for the Court of Law under section 45 of the Indian Evidence Act 1872.

Academic Qualifications

Educational Qualifications

Qualification	University	Year of passing
Ph.D. (Forensic Science)	Sam Higginbottom University of Agriculture, Technology and Sciences, (Formerly SHIATS Allahabad), Prayagraj, (U.P.), India	March, 2015
M.Phil. (Biochemistry)	Vinayaka Missions University, Salem, Tamilnadu, India	2009
M.Sc. (Forensic Science))	Sam Higginbottom University of Agriculture, Technology and Sciences, (Formerly AAI, Allahabad) Prayagraj (U.P.), India	2008
B.Sc. (Chemistry, Botany & Zoology)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur (U.P.), India	2006

Additional Qualifications

- Qualified M.Sc. in Biochemistry from School of Sciences, Uttar Pradesh Rajarshi Tandon Open University (UPRTOU), Allahabad, India.
- Qualified Post Graduate Diploma in Computer Applications (P.G.D.C.A.) 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.
- Qualified One Year 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.

Experience

- Research, Academics and Administration Experience as Professor (Forensic Science) & Head at the Lloyd Institute of Forensic Science, Greater Noida, Uttar Pradesh affiliated to National Forensic Sciences University, Gandhinagar, Gujarat (An Institution of National Importance), Ministry of Home Affairs, Govt. of India. (from 11/10/2022 to Present).
- Research, Academics and Administration Experience as Associate Professor (Forensic Science) at School of Forensics, Risk Management & National Security (SFRMNS), Rashtriya Raksha University, Gandhinagar, Gujarat (An Institution of National Importance) (Pioneering National Security and Police University of India), Ministry of Home Affairs, Govt. of India. (from 13/07/2022 to 10/10/2022).
- Technical Assessor for National Accreditation Board for Testing and Calibration Laboratories (NABL), Gurugram, India (from 18/02/2020 to Present).
- Research, Academics and Administration Experience as Assistant Professor (Grade-III) at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India (from 01/12/2021 to 11/07/2022).
- Research, Academics and Administration Experience as Assistant Professor (Grade-II) at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India (from 10/08/2015 to 30/11/2021). (Promoted)
- Research, Academics and Administration Experience as Assistant Professor at Department of Forensic Science, School of Humanities, Arts & Applied Sciences, Amity University Dubai Campus, United Arab Emirates (from 16/04/2017 to 10/07/2017) (On Deputation)
- Academics, Research and Administration Experience as Associate Professor of Department of Forensic Medicine, Tribhuvan University, National Medical College, Birgunj, Parsa (Dist.), Nepal (from 13/07/2014 to 06/08/2015).
- Academics, Research and Administration Experience as Assistant Professor of Department of Forensic Medicine, Tribhuvan University, National Medical College, Birgunj, Parsa (Dist.), Nepal (from 14/11/2008 to 12/07/2014). (Promoted)
- Guest Faculty at Department of Forensic Science and Criminology of Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India (6th – 8th May 2015).
- Academics, Research and Administration Experience as Lecturer of Department of Forensic Medicine, Kathmandu University, College of Medical Sciences, Bharatpur, Chitwan (Dist.) Nepal (from 14/9/2008 to 13/11/2008).
- Guest Faculty for teaching Forensic Science (Fingerprints & Documents Examination) at National P.G. College, University of Lucknow, Uttar Pradesh, 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 (from May 2007 to August 2008).
- Freelance Forensic Expert and Medico-legal Consultant at the Court of Law under section 45 of the Indian Evidence Act 1872.

Honours / Awards / Achievements / Appreciation

- 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.

Expert Lectures / Papers presented in Conferences / Seminars / Workshops

- 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 LNjN 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 (INFOMECE) 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).
- 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.

Publications

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) (In production). (ISBN 9781774913031).
- A Barbaro and Amarnath Mishra (2022). Edited Book Title “Manual of Crime Scene Investigation” by CRC Press (Taylor & Francis Group) (In production). 1st Edition. (ISBN 9781032315553).
- I.Y. Pandya and Amarnath Mishra (2022). Animal Taxonomy ‘Classification and Anatomy of Animals’ by Navyug Books International, Delhi, India. (In production).
- 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

- Amarnath Mishra, S Singla, D D Barman (2022). Book Chapter: “Scientific Testing, Forensic Identification, Evidences, and Differences in Policy Frameworks of Hemp” for 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).
- R. Gupta and Amarnath 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 Amarnath 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 Amarnath 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 Amarnath 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 Amarnath 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 Amarnath 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 Amarnath 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 Amarnath 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).
- P W Upadhyay and Amarnath 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, Amarnath 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, Amarnath 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, Amarnath 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).
- Amarnath Mishra, Shrutika Singla, Ayan Kumar 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 Amarnath 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).
- Amarnath Mishra. (2020). Book Chapter: “Forensic Chemistry & Toxicology for book entitled, “Medical Toxicology” by Intech Open publisher. (ISBN No. 978-1-83880-278-3).
- Amarnath 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).
- S Ahmed and Amarnath 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).

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).

Journals (National/ International)

- Kohli RK, Mishra A*, Haque I, Gupta S. (2022). Significance of Dental Age Assessment in Forensic Science: A Review. International Journal of Medical Toxicology and Legal Medicine. Vol. 25 (1-2). (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). (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). (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*, 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).
- 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 123-126 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).
- 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).
- 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. (2022). Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. *Genes & Diseases*. Vol. 9. (ISSN: 2352-3042). (SCI Indexed) (Scopus) (Web of Science) (PubMed Central) (Impact Factor: 7.103). <https://doi.org/10.1016/j.gendis.2022.02.007>
- 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. ISSN: 0175-7598 (print); 1432-0614 (web). (Scopus) (Impact Factor: 4.813). <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).
- Chaurasia N, Pandey SK, Mishra A. (2012). An Epidemiological Study of Violent Asphyxial Death in Varanasi Region (India) a Killing Tool. J Forensic Res3: 174.doi:10.4172/2157-7145.1000174. (ISSN: 2157-7145).
- Chaurasia N, Mishra A, Pandey SK. (2012). Fingerprint of Arsenic Contaminated Water in India-A Review. J Forensic Res 3:172. doi10.4172/2157- 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).

Article in Magazine, 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.

Television:

- 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 11:00 AM) 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:

- Delivered a telephonic Interview for Akashvani – All India Radio Kathua (102.2 MHz) for “Vigyan Patrika” program on Thursday (28.04.2022) at 09.30 PM on “How Forensic Sciences can help in making India a Crime-free Country?”
- 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- “Jhoth Pakadne Ki Taknique” 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.

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.

Capacity Building Training Programmes/ FDP/ Refresher Course/ Conference/ Seminar (Organized)

- 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 at Amity University Uttar Pradesh, Noida, India.
- 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 at Amity University Uttar Pradesh, Noida, India.
- 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 at Amity University Uttar Pradesh, Noida, India.
- 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 Convenor at Amity University Uttar Pradesh, Noida, India.

Participation in Conference / Seminar / Workshop/ FDP/ Refresher Course

Orientation/ Faculty Induction/ Faculty Development Programmes / Refresher Courses

- Actively participated in 05 days Online Faculty Development Programme on the theme of “Advances in Research, Professional Development and Academic Leadership” (Under GURU-DAKSHITA Faculty Induction Programme) from 21 – 25 February 2022 organized by Amity Academic Staff College, Amity University Uttar Pradesh, Noida, India.
- Actively participated in 05 days Faculty Development Programme on the theme of “Best Practices in Innovation, Entrepreneurship and Intellectual Property Rights in Pharmaceutical Sector: Prospective Trends” from 5 – 9 July 2021 organized by Amity Academic Staff College in Association with Amity Institute of Pharmacy, Amity University Uttar Pradesh, Noida, India.
- 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 (PMMMNTT) 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

- 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.

Editing/ Reviewing Skills

- Reviewer of Food Analytical Methods journal. (SCI Indexed) (Impact Factor: 3.366)
- Reviewer of Journal of Forensic Science and Medicine. (Scopus)
- Reviewer of Book proposal for 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 Member and Ex-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 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 Prasara 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 (PMMMNTT) 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 XXXIIInd 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”.

Professional Membership

International

- Member of the Royal Society of Chemistry (MRSC) (675786).
- 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).

Responsibilities and Administrative Skills

- Member of Research Development Committee of Department of Biochemistry and Forensic Science of Gujarat University, Ahmedabad, Gujarat, India
- Paper-Setter & Evaluator for M.Sc. Forensic Science examination of Rashtriya Raksha University, Gandhinagar, Gujarat, India.
- External Examiner for M.Sc. Forensic Science dissertation examination of Gujarat University, Ahmedabad, Gujarat, India
- Journal Club Coordinator at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India. (July 2021 to July 2022).
- Crime Scene Investigation Club Coordinator at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India. (August 2019 to July 2022).
- Curriculum Development Coordinator at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India. (July 2017 to July 2022).
- Quality Assurance & Enhancement (QAE) Support at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India. (August 2015 to June 2016 and from August 2019 to July 2022).

- 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.
- Alumni Coordinator at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India. (July 2019 to December 2021).
- Program Leader at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India (from July 2017 to June 2021).
- External Examiner for M.Sc. Forensic Science dissertation examination of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.).
- Member Secretary in different Academic Boards (AAB, PROAC, etc.)
- Paper-Setter for M.Sc. Forensic Science examination of Government Holkar (Model, Autonomous) Science College, Indore (M.P.), INDIA
- Chemistry and Toxicology Laboratory In-charge at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India (July 2016 – June 2020)
- External Examiner 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.
- Paper-Setter for M.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.
- Evaluator for B.Sc. Forensic Science examination of Sam Higginbottom University of Agriculture, Technology & Sciences, Prayagraj, Uttar Pradesh, India.
- Sports Faculty Coordinator in Sangathan (August 2015 to October 2018) at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India.
- Placement Coordinator at Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India. (July 2016 to August 2017).
- 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.
- Member of Examination Committee, National Medical College, Birgunj, Nepal.
- Member of Institutional Research Committee, National Medical College, Birgunj, Nepal.
- Managed Hostels as a Chief Warden of different medical colleges (14.09.2008-31.12.2011).
- Managed Social/Cultural and Administrative activities at school and college levels

Consultancy Projects / Research Project

- Two Research Projects Submitted in SERB-CRG & UPCST
- Completed two months 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.

Patents / Copyrights

Patents:

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

Copyright:

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

Research Guidance

- Ph.D. Guidance: 03 Ph.D. Students (Ph.D. Degree Awarded: 02)
 - Dr. Indresh Kumar Mishra (Registration No. A5930517003)
Ph.D. Topic: Method Development and Validation Studies of DNA Fingerprinting Using Advanced Kits and Techniques in Forensic Science
 - Dr. Adarsh Mishra (Registration No. A5930517005)
Ph.D. Topic: Development of Analytical Methods for Analysis of Anesthetic Drugs in Forensic Samples
 - Mr. Sourabh Kumar Singh (Pre-Ph.D. Submission)
Ph.D. Topic: Development of Analytical Methods for The Detection of Fire Accelerants from Forensic Samples
- P.G. (Dissertation): 35 students
- U.G. (Major Projects): 87 students