

ALL INDIA FORENSIC SCIENCE SUMMIT 2025

Paper Presentation Schedule – Session 1

Venue: Plenary Hall | Day 1 | April 14, 2025 | Time: 02:30 PM - 04:15 PM

| Chairpersons | Prof. (Dr.) Asha Srivastava and Prof. (Dr.) P. Maity | |
|--------------|--|--|
| Presider | Dr. Mohammed Subhan Attar | |
| S. No. | Name | Title of the Paper |
| 1. | Chetansen | Forensic Detection Of Xylazine-Veterinary Tranquilizer In A Criminal Case Involving Cattle Theft |
| 2. | Damini | N Advanced Analytical Approach For Examination Of Automobile Headlight Filament Under Different Operational Conditions. |
| 3. | Dheeraj | Potential Importance Of X-Strs For The Paternity Determination In A Case Of Maternal Side Missing Autosomal Str Marker : Case Study |
| 4. | Dr Dinesh Kumar | Forensic Analysis Of Improvised Shotgun Cartridges In Zip Gun: A Study Of Handmade Weapons |
| 5. | Dr. Chandrashekhara | Phoney Ambergris: A Present Day Challenge For The Forensic Fraternity And Criminal Justice System |
| 6. | Dr. Rajesh | Amel Y Deletion At Yp11.2 Locus And Its Impact In Forensics |
| 7. | Dr. Ramkishan | Study Of Rare Allelic Versatility In The Population Of Rajasthan (India) To Propose Population Specific Best Set Of Polymorphic Str Markers For The Forensic Purposes |
| 8. | Dr.Sweta | Tracing Chloroform In Post-Mortem Specimens: Forensic Approach To Criminal Activity Investigation |
| 9. | Fadi | Sample Preparation And Identification Of Nitrous Oxide(N ₂ O) In Gas Samples By Gas Chromatography - Mass Spectrophotometry. |
| 10. | Meenakshi | Exploring The Use Of Laser Induced Breakdown Spectroscopy For Elemental Profiling In Forensic Document Examination |
| 11. | Shreya | Indirect Trace Evidence As An Invisible Witness: Washbasins As Dna Evidence Of Human Occupancy In Indoor Premises To Connect Criminal Acts |
| 12. | Subrato | The Broken Liquor Glass Bottle Revealed As A ‘Murdering Weapon’: A Homicide Case Study |
| 13. | Tanaji | Pentiptycene-9,9 Aryl Substituted Fluorene Based Poly(Arylene-Ethynylene)S As Highly Selective And Sensitive High Explosive Dnt Sensor In Aqueous As Well As Vapor Phase |
| 14. | Taysir | Sample Preparation And Identification Of Nitrous Oxide(N ₂ O) In Gas Samples By Gas Chromatography - Mass Spectrophotometry. |
| 15. | Vartika | Instrumental Analysis To Determine The Chemical Composition Of Latent Fingerprint Residue |
| 16. | Vishal | Application Of Inaa Method For Chemical Characterization Of Trace Evidences In Hit & Run Cases |
| 17. | Chittatosh | Changing Landscape Of Firearm Crimes In Jharkhand: An In-Depth Study |
| 18. | Dr Sunita | Interdisciplinary And Medicolegal Challenges In Adjudicating Sexual Assault Allegations Against Individuals With Klinefelter Syndrome. |
| 19. | Dr. Mahendra | Variability In Mobile Forensics Data Extraction; Questioning The Reliability Of Different Versions Of Ufed 4pc - A Forensic Case Study |
| 20. | Prakash | Efficient Image Authentication For Ms-Paint-Based Tampering Detection Using Improved Pca Techniqu |
| 21. | Sandeep | Non-Invasive Data Recovery From Damaged Mobile Devices Via Direct Chipset Communication |
| 22. | Suneel | Strengthening Forensic Evidence Management And Judicial Efficiency By Implementing Barcode, E-Summons, And Video Conferencing In Icjs Under New Criminal Laws |
| 23. | Dr. Reeta | Forensic Science In Court Room: Standard For Expert Testimony In Court Room Trail |

ALL INDIA FORENSIC SCIENCE SUMMIT 2025

Paper Presentation Schedule – Session 2

Venue: Hall 5 | Day 1 | April 14, 2025 | Time: 02:30 PM - 04:15 PM

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| Chairpersons | Dr. Hizir Asliyukse and Prof. (Dr.) Rakhi Agarwal | |
| Presider | Dr. Vishal Mevada | |
| S. No. | Name | Title of the Paper |
| 1. | Aachal | Qualitative Analysis Of Rugae Pattern In Gujarati Population Using Casting And Digital Imaging Techniques. |
| 2. | Aayushi | Enhancing Y Chromosome Analysis: Identification Of Rapidly Mutating Markers To Address Microdeletion Challenges In Forensic And Clinical Applications. |
| 3. | Alpana | Fluorescence Signatures Of Protein Biomarkers: A New Approach To Xenobiotic Exposure Detection |
| 4. | Amarnath | Emerging Forensic Investigation Techniques: Innovations In Crime Detection And Analysis |
| 5. | Anchita | Integrating Ar-Vr Integrated Drone For Enhanced Training Of Law Enforcement And Related Stakeholders |
| 6. | Anushka | Next-Gen Forensics: A Tech-Driven Approach To Wildlife Forensics |
| 7. | Arpita | Integrated Forensic Analysis Of A Cocaine-Mephedrone Mixture: A Case Study In Evolving Drug Formulations |
| 8. | Ashly | Bridging Forensic Innovation And Legal Evolution: Case-Based Analysis Of Modern Investigative Techniques |
| 9. | Ashna | Design And Development Of An Innovative Biowaste-Derived Fluorescent Nanopowder For Latent Fingerprint Detection |
| 10. | Ashwin | Dna Barcoding For The Identification Of Poisonous Plants In Forensic Investigations |
| 11. | Bitto | Detection Of Metallic Poisons Form Non Biological Samples And Their Relationship With Accidental Toxicity |
| 12. | Devansh | An In-Silico Study On The Extent Of Effects Of Pyrethroids On Humans Using Molecular Docking And Characterisation Of Its Pharmacokinetics And Toxicity |
| 13. | Dipakkumar | Metabolic Profiling Of Nicotiana Tabacum Using Non-Targeted Lc-Qtof-Ms And Chemometric Techniques |
| 14. | Divya | Lectins As Natural Agglutinin For Determining Abo Blood Grouping |
| 15. | Dr. Shivani | Dna Methylation-Based Age Estimation Via Droplet Digital Pcr: Unveiling Epigenetic Signatures At The Single-Droplet Level |
| 16. | Dr. Suraj | Advancing Forensic Investigations in India through DNA Phenotyping: Design, Application & Validation |
| 17. | G. Vishnuprakash | Enhancing Facial Recognition Accuracy through Age Progression |
| 18. | Gopika | In-silico Investigation of Pesticide-induced biochemical disruptions in blowfly larval development |
| 19. | Hetvi | INTEGRATION OF FORENSIC SCIENCE TECHNIQUES IN RECENT INVESTIGATIONS . |
| 20. | Himani | Enhancing Cybersecurity Through Security Incident and Event Management (SIEM) in Digital Forensics |
| 21. | David | Utilizing Forensic Odontologists to Aid in Finding Justice for Victims of Crimes |
| 22. | Joyce | Forensic Nursing Science Harmonizes with the Multidisciplinary Team |

ALL INDIA FORENSIC SCIENCE SUMMIT 2025

Paper Presentation Schedule – Session 3

Venue: Hall 6 | Day 1 | April 14, 2025 | Time: 02:30 PM - 04:15 PM

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| Chairpersons | Prof. Bakhtiyor Berdialiev and Prof. (Dr.) Majunath Ghate | |
| Presider | Dr. Richa Rohtagi | |
| S. No. | Name | Title of the Paper |
| 1. | Adithya | Admissibility Of Evidence In Context Of NDPS and The Need of Scientific Standard And Guidelines In India |
| 2. | Ankita | Tri-Allelic Pattern: Abnormal Typing Phenomenon Or True Allele? |
| 3. | Apoorv | “Forensic Evidence In The New Legal Era: Evaluating Admissibility Under India’s Criminal Law Reforms” |
| 4. | Arma | Children’s Virtual Safety: Navigating Privacy And Digital Forensic Challenges In Cyber Era |
| 5. | Arunkumar | Effect Of Seasonal Shifts On Crime Scene Investigations: Obstacles To Forensic Integrity And Evidence Analysis |
| 6. | Athira Raj | Temporal Dynamics Of Desmin Expression: A Novel Approach To Post-Mortem Interval Estimation In Forensic Investigations |
| 7. | Bharath Kumar | B-Cyclodextrin Functionalized Silver Nanoparticles For The Sensitive Detection Of Ketamine And Lorazepam |
| 8. | Devansh | Sight Beyond The Eyewear: Integrating Forensic Optometry And Legal Frameworks For Enhanced Admissibility And Efficiency In Individual Identification |
| 9. | Dr. Indira | Forensic Evidence Vis-A-Vis New Criminal Laws - A Critical Analysis |
| 10. | Dr. Rinkal | Time Elapse Study Of Dna Analysis Using The Modified Differential Extraction Protocol |
| 11. | Dr. Udit Raj | Advances In Forensic Science And Impunity For Bestiality: Reflections On The ‘Legal Vacuum’ Of The New Criminal Laws |
| 12. | Grishma | Forensic Anthropological Assessment Of Stature From Craniofacial Parameters In The Gujarati Rajput Community |
| 13. | Gunjan | Evolving Legal Frameworks And Digital Evidence Admissibility In Cyber Space |
| 14. | Harsh | Paracetamol’s Toxic Impact: A Close Look At Liver Damage |
| 15. | Harsh | How Examination of One ‘Sign Of Exclamation’ (!) Changed The Nature And Direction Of A Death Case? – A Case Study |
| 16. | Karam Raj | Strengthening The Framework For The Ethical Considerations In Forensic Evidence |
| 17. | Khushboo | Forensic Detection Of Carbamate Insecticides In Biological Samples And Fruits |
| 18. | Mayur | Forensic Analysis Of Bloodstain Age On Tile And Vinyl Flooring: Morphological Alterations Over Time |
| 19. | Pragati | Forensic Entomology: Insect Evidence In Criminal Investigations. |
| 20. | Shikhar | Digital Forensic Evidence In Criminal Trials: Challenges And Legal Reforms In India |
| 21. | Shubhra | The Dichotomy Of Forensic Science Admissibility : Evidence Or Error ? |
| 22. | Sundaram | Improving Professionalism In Forensic Science- A Need For Rethinking |
| 23. | Vandana | Ethical Strengthening Of Forensic Framework |

ALL INDIA FORENSIC SCIENCE SUMMIT 2025

Paper Presentation Schedule – Session 4

Venue: Hall 5 | Day 2 | April 15, 2025 | Time: 09:30 AM - 11:00 AM

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| Chairpersons | Mr. Kepher K. Kateu and Prof. (Dr.) Parag Rughani | |
| Presider | Dr. Navtika Singh Nautiyal | |
| S. No. | Name | Title of the Paper |
| 1. | Shriya | Is The Training Of Law Enforcement And Other Stakeholders Essential In Advanced Forensic Tools & Technology? |
| 2. | Shweta | The Science Of Legal Paper: Authentication And Integrity |
| 3. | Smriti | Addressing The Challenges Of Electronic Evidence In Digital Forensic Investigation |
| 4. | Sovna | Implementation Of Artificial Intelligence In Digital Forensic Examination: Legal Admissibility And Privacy In The Criminal Justice System |
| 5. | Srilakshmi | The Forensic Dentist: A Study On The Intersection Of Dental Prints, Dna Profiling, And The Law In Solving Crimes And Securing Justice |
| 6. | Sumit | Comparative Analysis Of Handwriting Characteristics In Telugu And Hindi Scripts |
| 7. | Swagat | Electrochemical And Aptamer-Based Nanosensors: Emerging Tools For Forensic Detection Of Designer Drugs |
| 8. | T V S Sai Lakshmi | Forensic Ballistics In Cold Case Investigations : Evaluating The Role Of Forensic Ballistics In Solving Cold Cases And The Integration Of New Technologies In Re Examining Old Evidences |
| 9. | Tanisha | Emerging Trends In Forensic Nanotechnology |
| 10. | T. Mahesh | Fired Cartridge Case Ejection Patterns From Different Firearms |
| 11. | Vandana | Identification Of Different Forms Of Body Fluids In Forensic Relevance Using 1h Nmr Metabolite Fingerprinting |
| 12. | Yukta | Integration Of Forensic Science Techniques In Recent Investigation |
| 13. | Mohamed | Integrating Laboratory Forensics And On-Site Forensics To Combat Drug Trafficking And Illegal Trade, Reinforcing Border Security |
| 14. | Ansari | Estimation Of Stature From Cephalo- Facial Anthropometry Of Muslim Population, Gujarat State- India. |
| 15. | Anubhav | Facial Age Progression For Forensic Investigations: Advancing Expert Investigative Capabilities In Digital India |
| 16. | Arya | Cognitive Vulnerabilities In Terrorism: A Behavioral And Gender-Based Examination |
| 17. | Dr. Reema | The Role Of Advanced Forensic Technologies In Terrorism Trials: Strengthening Expert Testimony And Criminal Profiling |
| 18. | Harshita | Deception Detection Through Forensic Linguistic Patterns |
| 19. | Komal | Role Of Forensic Stylistics In The Examination Of Multilingual Documents |
| 20. | Naman | Strengthening The Admissibility Of Forensic Expert Testimony: A Comparative Analysis Of Legal Frameworks |
| 21. | Nitin | Sex Determination Through Fingerprint: A Forensic Approach |
| 22. | Shubhali | The Role Of Forensic Linguistics In Detecting Fake News And Mitigating Misinformation Spread |
| 23. | Smriti | Standards For Expert Testimony In Forensic Science In Courtroom Trails |

ALL INDIA FORENSIC SCIENCE SUMMIT 2025

Paper Presentation Schedule – Session 5

Venue: Hall 6 | Day 2 | April 15, 2025 | Time: 09:30 AM - 11:00 AM

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| Chairpersons | Prof. (Dr.) Linn and Prof. (Dr.) Pooja Ahuja | |
| Presider | Dr. Archana Patel | |
| S. No. | Name | Title of the Paper |
| 1. | Agiliya | Regional Forensic Laboratory Efficiency: A Key To Faster Justice |
| 2. | Ankita | Bharattox- India's Indigenous Toxicology Dashboard For Plant-Based Poisons – A Forensic Initiative For Make In India & Viksit Bharat 2047 |
| 3. | Ayushka | Ai-MI Driven Solution For Crime Scene Documentation: An Indigenous Mobile-First Tool, Adhering To New Legislation. |
| 4. | Divya | Soil As An Evidence |
| 5. | Hari | Synergizing Domestic And Global Models: Developing A Comprehensive Framework For An Autonomous Forensic Science Regulatory Authority In India Through Comparative Analysis |
| 6. | Harsh Kumar | Comparative Study Of Petroleum Residues In Different Cloth Materials In Arson Cases Using Gc- Fid (Gas Chromatography Flame Ionization Detector) Technique |
| 7. | Harshini | Synthesis Of Cotton Stalk Based Dip-Sticks For Rapid Drug Detection |
| 8. | Himanshu | Detection And Estimation Of Diphenhydramine In Urine Samples |
| 9. | Khushi | Creating Policy Frameworks To Support Sustainable Forensic Infrastructure And Development |
| 10. | Khushi | Strengthening Forensic Investigations In India: Overcoming Challenges For A Faster Justice System |
| 11. | Kritika | Eco-Friendly Fingerprint Powders: A Sustainable Alternative To Toxic Metallic Powders In Forensic Investigations |
| 12. | Lovlish | A Novel Method For Rapid Detection Of Ephedrine Analogues In Doping Cases Using Chemometric Approach |
| 13. | Mami | Study Of Human Saliva Of Different Age And Gender Groups By Fluorescence Spectroscopy & Vsc-8000 |
| 14. | Mani | Development Of Novel Microcrystalline Test For The Detection Of Alprazolam In Forensic Samples |
| 15. | Maya | Strengthening Forensic Investigations In India: Overcoming Challenges For A Faster Justice System |
| 16. | Payal | Development Of Rapid Microscale Extraction Methods For Isolation Of Tramadol From Blood Samples |
| 17. | Shiwani | Increasing Efficiency of Regional Forensic Laboratories To Improve Response Times. |
| 18. | Vaishnavi | Analysis Of Pollen Morphology, Using Scanning Electron Microscope (Sem) And Its Forensic Applications |
| 19. | Vernika | Emotional Influence On Voice Acoustics And Facial Landmarks: A Multimodal Analysis |
| 20. | Shivani | Detection Of Adulterants/Diluents In Street Samples Of Diacetylmorphine Using Gas Chromatography- Mass Spectroscopy |
| 21. | Sukriti | Acoustic Study Of Gunshot Residue For Firearm Identification. |
| 22. | Syargey | The Experience Of The State Forensic Examination Committee Of The Republic Of Belarus In Improving The Effectiveness Of Regional Forensic Expert Units |
| 23. | Utkarsha | Digital India's Next Frontier: Smart Body Armor Against Terrorism |

ALL INDIA FORENSIC SCIENCE SUMMIT 2025

Paper Presentation Schedule – Session 6

Venue: Hall 6 | Day 2 | April 15, 2025 | Time: 02:30 PM - 04:30 PM

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| Chairpersons | Dr. Justice K. J. Thaker and Prof. (Dr.) Akshat Mehta | |
| Presider | Dr. Chothmal Kumawat | |
| S. No. | Name | Title of the Paper |
| 1. | Ishan | Balancing Innovation And Ethics: The Role Of Forensics In The Modern Criminal Justice System. |
| 2. | Ishita | Psychological Autopsy As An Advanced Forensic Tool In Modern Investigations: A Review |
| 3. | Jithin | Standardized Evaluation Method For Ballistic Soap As A Test Simulant To Determine The Kinetic Energy Loss Of An Airgun Pellet |
| 4. | Jobitta | Enhancement Interpretation Analysis Of Pattern Evidence (Blood Spatter And Skid Mark) |
| 5. | Khushi | Integrative Analysis Of Human-Associated Mycobiota In Relation To Nicotine Metabolites For Forensic Personal Identification |
| 6. | Leena | Growth And Impact Of Forensic Anthropology & Odontology Training And Skill Based Program Among Medico-Legal And Other Professionals |
| 7. | Madhurima | Case Study: Forensic Soil And Leaf Comparison Of A Case Under Pocso Act |
| 8. | Nehal | Quindecade Study Of Illegal Trade Of Pangolins In India |
| 9. | Nikita | New Techniques To Counter Dermatoses Factors Which Affects Fingerprint Biometrics |
| 10. | Noorin | “Detecting Danger: Utilizing Layered Voice Analysis To Enhance Prison Security” |
| 11. | Parshant | Exploring The Molecular Mechanism Of Forensically Important Poisons |
| 12. | Piyush | Diy Blood Detection Spray: A Cost-Effective And Eco-Friendly Alternative For Forensic Investigations |
| 13. | Prachi | A Simple Multimode Method For Identification Of Perfluorooctanoic Acid Using Dye Complexation |
| 14. | Prachi | Elemental Analysis Of Soil Sample Using La-Icp-Ms |
| 15. | Prarthna | Nanoengineered Portable Ftir - Sers For Ultra -Sensitive Forensic Drug And Toxicant Detection Under India's New Criminal Laws |
| 16. | Prisha | Llm And Rag As Advanced Ai Tools For Psycholinguistic Profiling In Forensic Settings |
| 17. | Sakshi | Handwriting Disguise And Its Forensic Implications: A Study Of Intentional Writing Modifications |
| 18. | Sana | Psychological Profiling Of Child Sexual Offenders: Patterns And Risk Factors |
| 19. | Saurabh | Detection Of Clonazepam In Different Matrices At Different Thermal Conditions |
| 20. | Shahzad | Role Of Fingerprint Residues In Forensic Toxicological And Other Investigations |
| 21. | Vardhman | The Evolution Of Cyber- Crime Investigation: Bridging The Forensic Gap In Indian Law Enforcement |
| 22. | Yuvrajsinh | Effect Of Seasonal Shifts On Crime Scene Investigations: Obstacles To Forensic Integrity And Evidence Analysis |
| 23. | Sulagna | Secrets In Pixels: How Ai Forensics Is Unmasking Steganographic Terror In India's Digital Age |