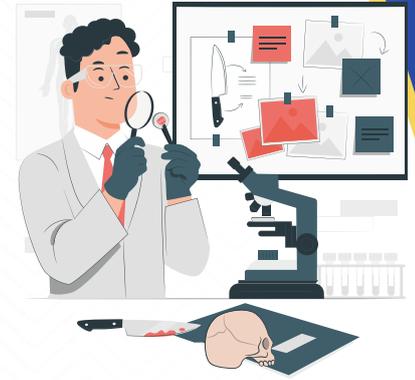


4th INTERNATIONAL FORENSIC SCIENCE CONFERENCE

Forensic Science beyond Interdisciplinary Applications



DECEMBER

01

CONFERENCE SCHEDULE

08:00 AM TO 09:00 AM

Early Meal



09:00 AM TO 09:30 AM

Registration

09:30 AM TO 11:00 AM

Inauguration and Felicitation



Chief Guest

Shri B. Shankar Jaiswal IPS

Joint Commissioner of Police, Delhi Police
Technology, CyPAD, NCFL(I4C) & Licensing
New Delhi, India

Guest of Honor

Shri Keshav Kumar IPS

Retired Director General of Police
Director Anti Corruption Bureau, Gujarat
Consultant, Govt. of Assam, Home Dept. &
Political Affairs

11:00 AM TO 11:30 AM

HIGH TEA



SCIENTIFIC SESSION-1

Auditorium



11:30 AM TO 12:15 PM

Shri Keshav Kumar IPS



Experiences with innovative Forensic Interface in
Crime Investigation



12:15 PM TO 01:00 PM

Prof. Robert Green OBE



Forensic Science at its Best-Showing the benefits
of Forensic Science

01:00 PM TO 02:00 PM

NUTRITIONAL BREAK



DECEMBER

01

SCIENTIFIC SESSION-2

Auditorium



02:00 PM TO 02:45 PM

Prof (Dr) Ma. Teresa G. De Guzman



Culture and Context: Ethical and Practical Considerations in Forensic Investigation in the Philippines



02:45 PM TO 03:15 PM

Prof. Rakesh Kumar Gorea



Scope & Future of Forensic Nursing in the Indo-Pacific Region



03:15 PM TO 03:45 PM

Dr. G K Goswami IPS



03:45 PM TO 04:00 PM

TEA BREAK



SCIENTIFIC SESSION-3

Auditorium



04:00 PM TO 04:30 PM

Dr. Ritesh Kumar Shukla



Forensic Biotechnology: An Emerging Paradigm of Research & Development in Forensic Science



04:30 PM TO 05:00 PM

Smt. Deepa Verma



Chain of custody of Forensic samples in the laboratory



05:00 PM TO 05:30 PM

Dr. Leonardo Estacio



Interdisciplinary Insights: Unveiling Human Behavior through the Synergy of Forensic and Behavioral Sciences



DECEMBER

01

SCIENTIFIC SESSION-4

Conference Hall



11:30 AM TO 12:00 PM



Shri Sanjay Sahay Ex-IPS



Diving into the Metaverse: Building Bridges to Virtual Realities and Exploring the Future of Digital Interaction



12:00 PM TO 12:30 PM



Prof. Triveni Singh IPS



Humanitarian Response through Forensic Odontology



12:30 TO 01:00 PM IST



Prof. Emilio Nuzzolese



SCIENTIFIC PRESENTATIONS PAPER

Conference Hall

Student Category

02:00 PM to 05:00 PM



PAS-01 Arun Kumar Shukla

02:00 PM

Artificial Intelligence And Satellite Imagery: Paving The Way for Forensic Investigations



PAS-02 Shambhawi Sandilya

02:10 PM

Unmasking Audio Deepfake using SIS for Forensic analysis



PAS-03 Palak Aneja

02:20 PM

To Study the Range of Variation in the Acoustic Parameters of Standard and Morphed Audios



PAS-04 Vanshika Sarva

02:30 PM

Diatom-A Great Forensic Tool in Investigation of Drowning Cases



PAS-05 Devansh Tripathi

02:40 PM

Importance of Ocular Lenses in Forensic Investigations



PAS-06 Bhawna Bangwal

02:50 PM

Stature Estimation from Various Anthropometric Measurements in Mazhabi Sikh Population of Punjab State in North India



**PAS-07 Sreeram K Y**

03:00 PM

Human Personality Assesment Using Gait Pattern Analysis

**PAS-08 Kiranbhai R Dodiya**

03:10 PM

Cracking the Code: Unmasking ATM Malware with PE

**PAS-09 Prashant Kumar**

03:20 PM

Highlighting the Significance of Autopsies in Hanging Cases: A Case Study

**PAS-10 Dr. Attam Prakash**

03:30 PM

Findings of Manual strangulation at autopsy: A Case Report

**PAS-11 Vani Gupta**

03:40 PM

Forensic Sex Determination: A Comprehensive Review Utilizing Skull and Pelvic Bone Analysis

**PAS-12 Satria Perwira**

03:50 PM

Decomposing a Drowned Body With Signs of Violence

**PAS-13 Alex Idicula Mathews**

04:00 PM

Usage of Average Ridge Density Calculation on Palmprints for Individualisation and Possible Sex Determination

**PAS-14 Nikhila V. S.**

04:10 PM

Identification of Tropane Alkaloids from Different Parts of Datura Metel

**PAS-15 Somanjana Chattakhandi**

04:20 PM

Role of DNA in Murder Cases

**PAS-16 Rohith S**

04:30 PM

Email Analysis for Cyber Forensic Intervention

**PAS-17 Riya Ghosh**

04:40 PM

Genomic Detectives: Forensic Science's Expanding Role in Clinical Genetics and Molecular Biology

DECEMBER

02

08:00 AM TO 09:00 AM

Early Meal



SCIENTIFIC SESSION-5

Auditorium



09:00 AM TO 09:40AM

Dr. Maria Corazon A. De Ungria



Forensic DNA Testing in the Philippines: A Recap of the Last Ten Years



09:40 AM TO 10:20 AM

Shri M. C. Joshi



Forensic Document Intricacies: A Treatise of Emerging Trends in Document Forgeries and Some Other Interesting Problems



10:20 AM TO 10:50 AM

Prof. Mukesh Thakkar



Novelty of Saliva Evidence in the Developing Paradigms

10:50 AM TO 11:00 AM

TEA BREAK



SCIENTIFIC SESSION-6

Auditorium



11:00 AM TO 11:30AM

Prof. Rajinder Singh Chandel



Wildlife Forensics: Current issues, Trends and Challenges



11:30 AM TO 12:00 PM

Prof. Asha Srivastava



Forensic Psychology an interdisciplinary approach for crime investigation



12:00 PM TO 01:00 PM

Dr. Harsh Sharma



Silent witnesses speak at Crime scene: Clue from scene of crime

01:00 PM TO 02:00 PM

NUTRITIONAL BREAK



DECEMBER

02

SCIENTIFIC SESSION-7

Auditorium



02:00 PM TO 02:30 PM

Dr. Jay Dalet



Use of Fluorescence in Situ Hybridization Technique Adjunct with RNA and DNA based Technologies in the Study of Biological Evidences for Forensic Casework



02:30 PM TO 03:00 PM

Shri Mohinder Singh



Forensic Science –Multidisciplinary & Beyond



03:00 PM TO 03:30 PM

Lt Col (Dr) Santosh Khadsare (Retd)



Future of Digital Forensics : Indian Perspective

03:30 PM TO 03:45 PM

TEA BREAK



SCIENTIFIC SESSION-8

Auditorium



03:45 PM TO 04:15 PM

Dr. Mykedox Cuchapin



Protecting the Child's Filiation: A Comprehensive Study on the Philippine Legal Landscape on the Right to Disestablish Filiation under the Lens of International Law



04:15 PM TO 04:45 PM

Atty. Aloi Renz Santos



Role of Forensics in Human Rights Investigations: Ensuring Accountability and Upholding Justice

SCIENTIFIC SESSION-9

Conference Hall



09:00 AM TO 09:30 AM

Dr. Jose I. dela Rama, Jr.



The Inclusion of Forensic Evidence in the Philippine Rules of Court: A Foresight



09:30 AM TO 10:00 AM

Dr. Elli Nur Hayati



The Role of Forensic Psychology within the Legal and Justice System.



DECEMBER

02



10:00 AM TO 10:30 AM

Mr. Amir Liberman



LVA.ai – when forensic voice analysis meets chatGPT



10:30 AM TO 11:00 AM

Prof. Hemlata Pandey



Role of Secondary Identifiers in DVI



11:00 AM TO 11:30 AM

Mr. Will Dodds



11:30 AM TO 12:00 PM

Dr. Kimberly Anne Plomp



Forensic Anthropology in The Philippines: Research And Applications



12:00 PM TO 12:30 PM

Mr. Michael W Streed



Modern Techniques in Forensic Art

SCIENTIFIC PRESENTATION PAPER

Conference Hall

Professional Category

02:00 PM to 05:00 PM



PAP-01 Dr. Perumal P

02:00 PM

Revolutionizing Post-Mortem Examination: Introducing The Lateral Percutaneous Incision For Traditional Autopsy



PAP-02 Dr. Aaeen Alchi

02:10 PM

Auto-Adaptive Systems In Forensic Toxicological Analysis



PAP-03 Salmalee Basu

02:20 PM

Olfactory Memory: Traditional And Modern Research Approaches And Its Potential As A Forensic Psychology Tool



**PAP-04 Dr. Twisha Shah**

02:30 PM

Traditional Tattoos–The Marker For Personal Identification In Gujarat

**PAP-05 Dr. Tanurup Das**

02:40 PM

Estimation of Time since Deposition of Body Fluids: An Exploration Towards the Limitations of Locard's Principle of Exchange

**PAP-06 Vidushi Tripathi**

02:50 PM

Role of Handwriting in Genotypic Offspring

**PAP-07 Lord Frismarc S. Macalintal**

03:00 PM

Level Of Digital Literacy Proficiency Among Criminal Justice Students

**PAP-08 Dr. Vineeta Saini**

03:10 PM

Exploring Temporal Shifts in Sexual Dimorphism within Mastoid Regions of North Indian Skull Samples

**PAP-09 Dr. Anjali Sehrawat**

03:20 PM

Correlation Between Stature and Thumb Print Based on Indian Criminal Data

**PAP-10 Dr. Anjali Sehrawat**

03:30 PM

Comparative Analysis of Human and Non-Human Dentition on The Basis of Elemental Analysis

SCIENTIFIC PRESENTATIONS PAPER**ONLINE****Professional Category****PAPO-01 Dr. Minha Majeed Kak**

10:00 AM

Artificial Intelligence In Forensic Odontology

**PAPO-02 Dr. Anupama C**

10:10 AM

The Decisive Role of Prosthodontics and its Invaluable Contribution to Forensic Odontology: A Review

**PAPO-03 Dr. Anand Choudhary**

10:20 AM

Correlation of Lip Print With Blood Group in Forensic Science

**PAPO-04 Dr. Babul Bandyopadhyay**

10:30 AM

Challenges to Resolve Intraoperative Mortality Cases on Medical Forensic Strategy in Criminal Justice System

**PAPO-05 Mr. Harsha N R**

10:40 AM

Investigating the Interrelationship of Personality Traits and Social Media Behaviour: A Synergistic Utilization of a Google Form Survey and Graphological Analysis

**PAPO-06 Ms. Shruti Mishra**

10:50 AM

Real-Time Case Studies in Document Investigation: Forensic Science Approach

**PAPO-07 Dr. Kuldeep Kumar**

11:00 AM

Reliability of Postmortem ABO Blood Grouping: A Study of 100 Cases

**PAPO-08 Nansy Sara Thomas**

11:10 AM

A Study Investigating the Presence of Diatoms on Tooth Samples Using the Acid Digestion Method for the Estimation of Time Since Death in Drowning Cases

**PAPO-09 Dr. Twinkal Patel**

11:20 AM

For a Men or Women? Gender Determination from Various Foramina and Canals of Mandible on Cone Beam Computed Tomography (CBCT): A Forensic Study.

**PAPO-10 Ms. Jyotirmayee Barik**

11:30 AM

Challenges in QD Examination & Unconventional Approach for Examination-Case Studies

**PAPO-11 Shubhra Shree Gajbhiye**

11:40 AM

Identification of Pollen: A Forensic Application

SCIENTIFIC PRESENTATIONS POSTER

Conference Hall

Student Category

OFFLINE

POS-01 Ashwin Edakkara

12:10 PM

DNA Barcoding : An Effective Yet Underrated Method For Identification Of Poisonous Plants



OFFLINE

POS-02 Divya Jain

12:20 PM

Role of Forensic Odontology in Mass Fatalities: A Critical Review on Disaster Victim Identification with Help of Dental Evidence in Tsunami Disaster



OFFLINE

POS-03 Animesh Kumar Tiwari

12:30 PM

Effect of Glutathione S – Transferase Gene Polymorphism and Its Impact Among Heavy Alcohol Drinkers From Central India



OFFLINE

POS-04 Shudhanshu Mani Tripathi

12:40 PM

Elevating Environmental Forensics: Biosensor and chemical sensors through Interdisciplinary Synergy

SCIENTIFIC PRESENTATIONS POSTER

ONLINE

Student Category

**POS-05 Anitta Joseph**

12:50 PM

Empirical Testing in Fingerprint Identification: Addressing Concerns and Advancing Forensic Practices

**POS-06 Bhumit Chavda**

12:57 PM

Postmortem Interval Estimation through β -Actin Marker Degradation in Liver Tissues

**POS-07 I Ketut Heru Suryanegara**

01:04 PM

The Role Of Diatom Tests : Proving Death Due To Drowning

**POS-08 Dr. Attam Prakash**

01:11 PM

Cheiloscopy – A Tool for Identification

**POS-09 Ephrin Shaji**

01:18 PM

Forensic Investigation of Damaged Electrical Wire Samples by the Insects Using UPLC Analysis

**POS-10 Arunima Dutta**

01:25 PM

Machine Learning in Forensic Anthropology: A Novel Approach

**POS-11 Dr.Sivagurudev. S**

01:32 PM

Correlation of Tongue Patterns to Gender and their Relationship With Dental Caries–Pilot Study

**POS-12 Dr. G.Nithyasri**

01:39 PM

Virtual Comparison Microscope in Forensic Odontology

**POS-13 Nithya S Gadag**

01:46 PM

Stature Estimation from Foot and Palm Print of Transgenders

**POS-14 Vishnumaya TU**

01:53 PM

Study on Different Method Employed in Generating Fake Fingerprint to Bypass Biometric Fingerprint Scanners

**POS-15 Skanda.S**

02:00 PM

A Case Study on Accident Forensics

DECEMBER

03

08:00 AM TO 09:00 AM

Early Meal



SCIENTIFIC SESSION-10

Auditorium



09:00 AM TO 09:30AM

Cynthia Martinez Florendo



Upholding the Policy of the State to Safeguard the Well-being of the Filipino Youth From the Harmful Effects of Dangerous Drugs¹ By Accelerating Trial Process with the Use of Forensic Science



09:30 AM TO 10:00 AM

Dr. Mariemeir M. Rivera



Forensic Science in the Determination of Civil Rights and Obligations in the Philippines



10:00 AM TO 10:30 AM

Prof. Mukesh Yadav



Medical Ethics, MTP, Medical Negligence, Sexual Harassment of Woman at Work Place



10:30 AM TO 11:00 AM

Dr. Dindo Café



Sociological Demystification of Forensic Science: A Transect of Sociological Perspective in Forensic Investigation

11:00 AM TO 11:15 AM

TEA BREAK



SCIENTIFIC SESSION-11

Auditorium



11:15 AM TO 11:45AM

Dr. Gaurav Gupta



Future Challenges of Digital Forensics



11:45 AM TO 12:15 PM

Shri Samir Kumar Datt



Crime Investigation platform for the Future



DECEMBER

03



12:15 PM TO 12:45 PM

Dr. Rakshit Tandon



Current threats in Cyber Space and New Challenges of LEA's in Digital Forensics Domain

12:45 PM TO 01:30 PM

LUNCH



SCIENTIFIC SESSION-12

Auditorium



01:30 PM TO 02:00 PM

Dr. Ashish Badiye



eWaste Forensics



02:00 PM TO 02:30 PM

Dr. Ankit Srivastava



Forensics and Trafficking: Challenges and Solutions in 21st Century



02:30 PM TO 03:00 PM

Shri Phaneendar BN



Legal Challenges in admissibility of Forensic Opinion



03:00 PM TO 03:30 PM

Prof. Adarsh Kumar



Forensic Science–Beyond Interdisciplinary Applications

03:30 PM TO 03:45 PM

TEA BREAK



CLOSING CEREMONY

Auditorium



04:00 PM TO 05:00 PM

VALEDICTORY FUNCTION



Chief Guest

Shri HGS Dhaliwal IPS

Special Commissioner of Police, Delhi Police
Chief of Delhi's Anti-Terror Unit, Special Cell

Guest of Honor

Dr. Nitin Malik

Registrar, Ambedkar University
New Delhi, India

