



AMITY UNIVERSITY
UTTAR PRADESH



AMITY ACADEMIC STAFF COLLEGE
IN ASSOCIATION WITH
AMITY INSTITUTE OF FORENSIC SCIENCES
AND
FORENSIC SCIENCE LABORATORY (Govt. of NCT of Delhi)
Organizes

2nd Seven Days Online Faculty Development Program
on
“Current Trends in Forensic Science Research and Teaching”
(Class room to Expert Witness Box)

Date: 7th March – 14th March, 2022

Time- 14:00 hrs - 19:00 hrs. IST (Monday-Friday)
9:00 hrs - 19:00 hrs. IST (Saturday)

Venue: Zoom Cloud Meet

Link: <https://amityuni.live/82911243498>



Program Schedule

First Day

Date: 07/03/2022 (Monday)

Inaugural Ceremony		
14:00-14:05	Lightening of Lamp and Sarsawati Vandana	
14:05-14:20	Welcome Address and Introduction of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
14:25-14:30	Few Words by Dean Faculty of Science & Technology	Prof. (Dr.) Sunita Rattan (Co-Chairperson, FDP-FST 2022) Professor & Dean, Amity Institute of Applied Sciences, AUUP, Noida, India
14:35-14:40	Address by Hon'ble Director, Forensic Science Laboratory, Govt. of NCT of Delhi	Ms. Deepa Verma (Co-Chairperson, FDP-FST 2022) Director Forensic Science Laboratory, Govt. of NCT of Delhi, Rohini, Delhi, India
14:45-14:55	Address by Hon'ble Vice Chancellor, AUUP, India	Prof. (Dr.) Balvinder Shukla (Chairperson, FDP-FST 2022) Professor-Entrepreneurship, Leadership and IT Vice Chancellor, AUUP, India
15:00-15:30	Address by Hon'ble Chief Guest	Prof. (Dr.) Avinash C. Pandey Director, Inter University Accelerator Centre (IUAC), New Delhi, Chairman, Governing Council, Indian Institute of Astrophysics, Bangalore, India Adjunct Professor, Department of Physics, Michigan Technological University, Houghton, Michigan, USA
15:35-16:25	Plenary session on “Mechanically produced writings and signatures- identification”	Mr. B. P. Mishra Forensic Document Examiner, Former Deputy Director & Scientist ‘D’

		Central Forensic Science Laboratory, Kolkata, India
16:25-16:30	Q&A Session	
16:35-17:25	Plenary session on “Latent Fingerprint Development Research”	Prof. (Dr.) O. P. Jasuja Professor & Head Department of Forensic Science Chandigarh University, Chandigarh, India
17:25-17:30	Q&A Session	
17:35-18:25	Plenary session on “Geographic Crime Scene Investigation”	Dr. Domingo Magliocca Public Investigator, Certified Geographic Profiling Analyst, Italy
18:25-18:30	Q&A Session	
18:35-19:25	Plenary session on “Tools for crime scene Investigations to help solve crime”	Dr. Sharon Plotkin Certified Crime Scene Investigator and Faculty, Miami Dade College, Miami, United States
19:25-19:30	Q&A Session	
19:35-19:40	Concluding of first day of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
19:40-19:45	Vote of Thanks	
19:45-19:55	Online Attendance and Feedback	

Second Day

Date: 08/03/2022 (Tuesday)

14:00-14:05	Welcome Address	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “Forensic Anthropology: A Future Perspective for India”	Prof. (Dr.) A. K. Kapoor Anthropology Consultant, Former Vice-Chancellor Jiwaji University, Gwalior, M.P. and Former Professor & Head, Department of Anthropology, University of Delhi, India
15:00-15:05	Q&A Session	
15:10-16:00	Plenary session on “HSCT: DNA Fingerprinting”	Dr. Anupama Raina Senior Scientist, Department of Forensic Medicine & Toxicology, All India Institute of Medical Sciences, New Delhi, India
16:00-16:05	Q&A Session	
16:10-17:00	Plenary session on “Current Trends in Wildlife Crime and Its implications in Forensic Science”	Prof. (Dr.) Rajinder Singh Professor & Head Department of Forensic Science Punjabi University, Patiala, India
17:00-17:05	Q&A Session	
17:10-18:00	Plenary session on “Patents in Forensic Domain”	Prof. (Dr.) Amrish Chandra Professor & Director Amity Institute of Public Health AUUP, Noida, India
18:00-18:05	Q&A Session	
18:05-18:10	Concluding of second day of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
18:10-18:15	Vote of Thanks	
18:15-18:25	Online Attendance and Feedback	

Third Day

Date: 09/03/2022 (Wednesday)

14:00-14:05	Welcome Address	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “Current Trends in Forensic Science Research and Teaching: Drinks Spiking”	Dr. Lata Gautam Associate Professor Forensic and Investigative Sciences, Anglia Ruskin University, Cambridge, U.K.
15:00-15:05	Q&A Session	
15:10-16:00	Plenary session on “Cyber Forensics”	Prof. (Dr.) Triveni Singh IPS, SP, Cyber Crime, Uttar Pradesh Police, India
16:00-16:05	Q&A Session	
16:10-17:00	Plenary session on “Role of IPR in Protection of innovation in Academia”	Ms. Sangeeta Nagar Scientist ‘F’ Patent Facilitating Centre (PFC), Technology Information Forecasting and Assessment Council (An autonomous institution under Department of Science & Technology), Govt. of India, New Delhi, India
17:00-17:05	Q&A Session	
17:10-18:00	Plenary session on “Preparing the Forensic Expert from Class room to Court”	Mr. Gregory J. Williams President of the Caribbean Association of Forensic Sciences (CAFS), Forensic consultant/scientist, Forensic Lecturer/Course Coordinator Basic Medical Science, Jamaica
18:00-18:05	Q&A Session	
18:10-19:00	Plenary session on “Fluid Dynamics for Understanding Bloodstain Pattern Analysis in Forensic Science”	Prof. (Dr.) Basant Singh Sikarwar Professor and Head Department of Mechanical Engineering, AUUP, Noida, India
19:00-19:05	Q&A Session	

19:05-19:10	Concluding of third day of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
19:10-19:15	Vote of Thanks	
19:15-19:25	Online Attendance and Feedback	

Fourth Day

Date: 10/03/2022 (Thursday)

14:00-14:05	Welcome Address	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “ Crime to Criminals ”	Dr. Arun Sharma Former Director Directorate of Forensics Services Govt. of Himachal Pradesh, Shimla, India
15:00-15:05	Q&A Session	
15:10-16:00	Plenary session on “ Mindfulness in Reducing Aggressive and Impulsive Tendencies ”	Dr. Smita Pandey Associate Professor & Dean School of Behavioral Sciences, Head: Buddha Psychological Center National Forensic Sciences University, Gandhinagar, Gujarat, India
16:00-16:05	Q&A Session	
16:10-17:00	Plenary session on “ Risk Management including Business Continuity, Cyber Security and Information Security Management ”	Prof. Sudhir Thadani Assistant Vice President Risk and Compliance (European & Asia Region), India
17:00-17:05	Q&A Session	
17:10-18:00	Plenary session on “ Current Trends in Speaker Identification & Tape Authentication ”	Dr. S. K. Jain Director cum Chief Forensic Scientist Directorate of Forensic Science Services Ministry of Home Affairs, Govt. of India, New Delhi, India
18:00-18:05	Q&A Session	
18:10-19:00	Plenary session on “ Postmortem Forensic Toxicology and interpretation of analytical results ”	Prof. (Dr.) Bhoopendra Singh Professor cum Toxicologist Dept. of Forensic Medicine and Toxicology, Rajendra Institute of Medical Sciences, Ranchi, Jharkhand, India
19:00-19:05	Q&A Session	

19:05-19:10	Concluding of fourth day of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
19:10-19:15	Vote of Thanks	
19:15-19:25	Online Attendance and Feedback	

Fifth Day

Date: 11/03/2022 (Friday)

14:00-14:05	Welcome Address	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “Indian Arms Act - Forensic Aspects”	Mr. K. C. Varshney Deputy Director & In Charge, Regional Forensic Science Laboratory, Govt. of NCT of Delhi, Chankyapuri, New Delhi, India
15:00-15:05	Q&A Session	
15:10-16:00	Plenary session on “Contemporary progression in Forensic Science”	Mr. Aman Kumar Yadav In Charge Fingerprint Unit, Forensic Science Laboratory, Govt. of NCT of Delhi, Rohini, India
16:00-16:05	Q&A Session	
16:10-17:00	Plenary session on “Nanostructured Materials for Forensic Application”	Prof. (Dr.) O. P. Sinha Professor & Director Amity Institute of Nanotechnology, AUUP, Noida, India
17:00-17:05	Q&A Session	
17:10-18:00	Plenary session on “GC-MS: The model analytical tool for screening of unknown samples”	Dr. Soma Dasgupta Application Engineer Agilent Technologies, India
18:00-18:05	Q&A Session	
18:10-19:00	Plenary session on “Impact of Pesticides Biosensor in Forensic Application”	Dr. Nidhi Chauhan Associate Professor Amity Institute of Nanotechnology, AUUP, Noida, India
19:00-19:05	Q&A Session	
19:05-19:10	Concluding of fifth day of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
19:10-19:15	Vote of Thanks	
19:15-19:25	Online Attendance and Feedback	

Sixth Day

Date: 12/03/2022 (Saturday)

09:00-09:05	Welcome Address	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
09:10-10:00	Plenary session on “Blockchain Investigations: Conducting Cryptocurrency Investigations and Tracing funds on Blockchain”	Mr. Ryan Colley International Investigations, Due Diligence, & Complex Litigation, Washington DC-Baltimore, USA
10:00-10:05	Q&A Session	
10:10-11:00	Plenary session on “Scope of Research & Development in the field of Forensic Ballistics”	Dr. N. P. Waghmare Director Forensic Science Laboratory, Panaji, Goa, India
11:00-11:05	Q&A Session	
11:10-12:00	Plenary session on “Lessons Learned in 40 Years Career in Forensic Science”	Mr. Barry A. J. Fisher Forensic Consultant Crime Laboratory Director (Retired), Los Angeles County Sheriff’s Department, United States
12:00-12:05	Q&A Session	
12:05-12:55	Lunch Break	
13:00-13:50	Plenary session on “Current Scenario & Challenges in Forensic Examination of Sexual Assault and Pocs0 Cases”	Dr. I. Haque Director Central Forensic Science Laboratory, Chandigarh, India
13:50-13:55	Q&A Session	
14:00-14:50	Plenary session on “Program Evaluation for Forensic Science”	Prof. (Dr.) Samar A. Ahmed Founding Director, ASU-MENA-FRI UNESCO Trainer (Bioethics), Professor, Forensic Medicine, Ain Shams University, Egypt
14:50-14:55	Q&A Session	
15:00-15:50	Plenary session on	Dr. Ravindra Sharma

	“Study of signatures in the light of Disguise or Simulation”	Deputy Director & Scientist ‘D’ Central Forensic Science Laboratory, Bhopal, India
15:50-15:55	Q&A Session	
16:00-16:50	Plenary session on “Traumatic and pathologic signatures of identity in human skeletal remains: Exemplified from forensic anthropological identification of Ajnala skeletal remains”	Dr. J. S. Sehrawat Senior Faculty Department of Anthropology, Panjab University, Chandigarh, India
16:50-16:55	Q&A Session	
17:00-17:50	Plenary session on “Experiential Learning: An emerging Teaching- Learning model in Indian education system”	Dr. Ritesh Shukla Senior Faculty Division of Biological and Life Sciences, Ahmedabad University, Gujarat, India
17:50-17:55	Q&A Session	
18:00-18:05	Concluding of sixth day of Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
18:05-18:10	Vote of Thanks	
18:10-18:20	Online Attendance and Feedback	

Seventh Day

Date: 14/03/2022 (Monday)

14:00-14:05	Welcome Address	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “ Examination of Viscera ”	Dr. A. K. Jaiswal Senior Scientist Department of Forensic Medicine & Toxicology, All India Institute of Medical Sciences New Delhi, India
15:00-15:05	Q&A Session	
15:10-16:00	Plenary session on “ Social Media Crimes and Some Case Studies ”	Dr. Debabrata Singh Associate Professor, Dept. Of CA, ITER, Siksha O Anusandhan (Deemed to be University) Bhubaneswar, Odisha, India
16:00-16:05	Q&A Session	
16:10-17:00	Plenary session on “ Role of Forensic Science in Media ”	Mr. Indrajeet Rai Forensic Journalist & Associate Editor of ABP, India
17:00-17:05	Q&A Session	
17:10-18:00	Plenary session on “ Forensic Analysis of File-less Malwares ”	Dr. Kapil Kumar Associate Professor Department of Biochemistry and Forensic Science, Gujarat University, Ahmedabad, Gujarat, India
18:00-18:05	Q&A Session	
Valedictory Function		
18:15-18:30	Report of 2 nd Seven Days Online Faculty Development Program	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India

18:30-18:35	Few Words by Dean Faculty of Science and Technology	Prof. (Dr.) Sunita Rattan (Co-Chairperson, FDP-FST 2022) Professor & Dean, Amity Institute of Applied Sciences, AUUP, Noida, India
18:35-18:40	Address by Hon'ble Director Forensic Science Laboratory, Govt. of NCT of Delhi	Ms. Deepa Verma (Co-Chairperson, FDP-FST 2022) Director Forensic Science Laboratory, Govt. of NCT of Delhi, India
18:40-18:50	Address by Hon'ble Vice Chancellor AUUP, India	Prof. (Dr.) Balvinder Shukla (Chairperson, FDP-FST 2022) Professor-Entrepreneurship, Leadership and IT Vice Chancellor, AUUP, India
18:55-19:10	Address by Hon'ble Guest of Honour	Prof. (Dr.) Anand Kumar Tripathi Pro Vice-Chancellor, Director School of Security, Law Enforcement and Criminal Justice, Rashtriya Raksha University, Gandhinagar, Gujarat, India
19:15-19:25	Address by Hon'ble Guest of Honour	Dr. S. K. Jain Director cum Chief Forensic Scientist Directorate of Forensic Science Services Ministry of Home Affairs, Govt. of India, New Delhi, India
19:25-19:30	Vote of Thanks	Dr. Amarnath Mishra (Program Director, FDP-FST 2022) Assistant Professor (Grade – III), Amity Institute of Forensic Sciences, AUUP, Noida, India
19:30-20:30	Online Assessment and Feedback	

Faculty Coordinators:

1. **Dr. Shruti Gupta**
Assistant Professor (Grade – II)
2. **Dr. Jyoti Singh**
Assistant Professor (Grade – III)