



AMITY UNIVERSITY
UTTAR PRADESH



AMITY ACADEMIC STAFF COLLEGE

IN ASSOCIATION WITH

AMITY INSTITUTE OF FORENSIC SCIENCES

ORGANISES

Seven Days Faculty Development Programme (FDP)

on

**Recent Advancement in Forensic Science and Technology
(Crime Scene to Court Room)**

Date: 21st March-27th March, 2021

Time: 15:00 hrs -19:00 hrs (IST) – 21st to 25th March, 2021

08:00 hrs -14:00 hrs (IST) – 26th & 27th March, 2021

Time Zone: (GMT+5:30) Mumbai, Kolkata, New Delhi, India

Venue: Zoom Cloud Meet



Programme Schedule

First Day

Date: 21/03/2021 (Sunday)

15:00-15:05	Inaugural Ceremony	
15:05-15:20	Welcome Address and Introduction of Seven Days Faculty Development Programme	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
15:25-15:30	Few Words by Hon'ble Dean Faculty of Science and Technology	<u>Prof. (Dr.) Sunita Rattan</u> Professor & Dean, Science and Technology, AUUP, Noida, India
15:30-15:40	Address by Hon'ble Vice Chancellor	<u>Prof. (Dr.) Balvinder Shukla</u> Chairperson (FDP) Professor-Entrepreneurship, Leadership and IT Vice Chancellor, AUUP, India
15:40-16:30	Plenary session on “Forensic Anthropology”	<u>Prof. (Dr.) A. K. Kapoor</u> Former Vice-Chancellor Jiwaji University, Gwalior, M.P. and Former Professor & Head, Department of Anthropology, University of Delhi, India
16:30-16:40	Address to queries of participants by <u>Prof. (Dr.) Kapoor</u>	
16:45-17:35	Plenary session on “Forensic Chemistry”	<u>Dr. R. K. Sarin</u> Director, FSL, Amrawati, A.P., India
17:35-17:45	Address to queries of participants by <u>Dr. Sarin</u>	
17:50-18:40	Plenary session on “New Trends in Questioned Document Forgery”	<u>Ms. Deepa Verma</u> Director, FSL, Delhi, India
18:40-18:50	Address to queries of participants by <u>Ms. Verma</u>	
18:55-19:45	Plenary session on “Cyber Security”	<u>Prof. (Dr.) D. K. Lobiyal</u> Professor, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi, India
19:45-19:55	Address to queries of participants by <u>Prof. (Dr.) Lobiyal</u>	

19:55-20:00	Concluding of first day of FDP	<u>Dr. Shruti Gupta</u> Programme Coordinator, Assistant Professor and Ph.D. Coordinator, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:00-20:05	Vote of Thanks	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor & Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:05-20:15	Online Assessment and Feedback	

Second Day (Monday)

Date: 22/03/2021

15:00-15:05	Address to participants	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
15:10-16:00	Plenary Lecture on “Wildlife Crime: Concerns, Trends and Challenges”	<u>Dr. Rajender S. Chandel</u> Head & Associate Professor, Department of Forensic Science, Punjabi University, Patiala, India
16:00-16:10	Address to queries of participants by <u>Dr. Chandel</u>	
16:15-17:05	Plenary Lecture on “Statistics: A Voice of Data”	<u>Dr. Jitendra Kumar</u> Head & Associate Professor, Dept. of Statistics, Central University of Rajasthan, India
17:05-17:15	Address to queries of participants by <u>Dr. Kumar</u>	
17:20-18:10	Plenary Lecture on “GC-MS in Forensic Analysis”	<u>Dr. Soma Dasgupta</u> Application Engineer, Agilent Technologies, India
18:10-18:20	Address to queries of participants by <u>Dr. Dasgupta</u>	
18:25-18:55	Pre-recordrd Lecture on “Fingerprints”	<u>Mr. Stephen Kasper</u> Forensic Scientist, USA
19:00-19:50	Plenary Lecture on “The Utility of DNA Databases in Solving Crimes”	<u>Dr. Anna Barbaro</u> Chief, Forensic Genetics Department, Studio Indagini Mediche E Forensi (SIMEF), Italy
19:50-18:00	Address to queries of participants by <u>Dr. Barbaro</u>	
20:00-20:05	Concluding of second day of FDP	<u>Dr. Shruti Gupta</u> Programme Coordinator, Assistant Professor & Ph.D. Coordinator, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:05-20:10	Vote of Thanks	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor & Programme Leader,

		Amity Institute of Forensic Sciences, AUUP, Noida, India
20:10-20:20	Online Assessment and Feedback	

Third Day (Tuesday)

Date: 23/03/2021

15:00-15:05	Address to participants	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
15:10-16:00	Plenary Lecture on “Recent Advancements in Forensic Genetics”	<u>Dr. Sibte Hadi</u> Forensic Scientist, UK
16:00-16:10	Address to queries of participants by <u>Dr. Hadi</u>	
16:15-17:05	Plenary Lecture on “Changing Face of Forensics and Utilisation of the Latest Technology to counter Hi-Tech Crimes”	<u>Dr. Rukmani Krishnamurthy</u> Ex.Director, Directorate of Forensic Science Labs, Govt. Of Maharashtra, India
17:05-17:15	Address to queries of participants by <u>Dr. Krishnamurthy</u>	
17:20-18:10	Plenary Lecture on “A Comparative Study between Spectroscopic and Physical Techniques for Discrimination of The Counterfeited Computer Generated Documents (A Case Study)”	<u>Mr. Al-Sharif Hasheem Mogahed</u> Forensic Document Examiner- EFMA-Ministry of Justice- Egypt
18:10-18:20	Address to queries of participants by <u>Dr. Mogahed</u>	
18:25-19:15	Plenary Lecture on “Technology Empowered Forensic Science Teaching-Learning”	<u>Dr. (Mrs.) Vimal Rarh</u> Senior Faculty, Department of Chemistry & Forensic Science Unit, S.G.T.B. Khalsa College, University of Delhi, New Delhi, India
19:15-19:25	Address to queries of participants by <u>Dr. (Mrs.) Rarh</u>	
19:25-19:30	Concluding of third day of FDP	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor & Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:30-19:35	Vote of Thanks	
19:35-19:45	Online Assessment and Feedback	

Fourth Day (Wednesday)

Date: 24/03/2021

14:30-14:35	Address to participants	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:40-16:05	Plenary Lecture on “Forensic Chemistry- Street Drugs Analysis”	<u>Dr. Lata Gautam</u> Associate Professor, Forensic and Investigative Sciences, School of Life Sciences, Faculty of Science and Engineering, Anglia Ruskin University, Cambridge, U.K.
16:05-16:10	Address to queries of participants by <u>Dr. Gautam</u>	
16:15-17:05	Plenary Lecture on “Examination of Disguised Handwriting / Signature”	<u>Dr. Ravindra Sharma</u> Deputy Director, CFSL, Bhopal, India.
17:05-17:15	Address to queries of participants by <u>Dr. Sharma</u>	
17:20-18:10	Plenary Lecture on “Identification of Psychoactive Metabolites in Urine Specimen from Drug Abuse Patients”	<u>Dr. B. B. L. Srivastava</u> Associate Professor, Department of Chemistry, College of Natural and Mathematical Science, University of DODOMA, Tanzania
18:10-18:20	Address to queries of participants by <u>Dr. Srivastava</u>	
18:25-19:15	Plenary Lecture on “Expert Evidence in the Courts of Law”	<u>Prof. (Dr.) J. R. Gaur</u> Director, SFSRM, R.R.U., Gandhi Nagar, Gujrat and Former
19:15-19:25	Address to queries of participants by <u>Prof. (Dr.) Gaur</u>	
19:25-19:30	Concluding of fourth day of FDP	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:30-19:35	Vote of Thanks	
19:35-19:45	Online Assessment and Feedback	

Fifth Day (Thursday)

Date: 25/03/2021

15:00-15:05	Address to participants	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
15:10-16:40	Plenary Lecture on “Silent Witnesses speak out at Crime Scene”	<u>Dr. Harsh Sharma</u> Ex-Director, Forensic Science Laboratory, Bhopal, India
16:40-16:50	Address to queries of participants by <u>Dr. Sharma</u>	
16:55-17:45	Plenary Lecture on “Techniques for Development of Latent Fingerprints”	<u>Dr. G. S. Sodhi</u> Associate Professor, Department of Chemistry and Forensic Science Unit, S.G.T.B, Khalsa College, University of Delhi.
17:45-17:55	Address to queries of participants by <u>Dr. Sodhi</u>	
18:00-19:30	Plenary Lecture on “Statistical Considerations in Research”	<u>Prof. (Dr.) G. P. Singh</u> Professor, Department of Statistics, Institute of Science, BHU, Varanasi, India
19:30-19:40	Address to queries of participants by <u>Prof. (Dr.) Singh</u>	
19:40-19:45	Concluding of fifth day of FDP	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor & Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:45-19:50	Vote of Thanks	
19:50-20:00	Online Assessment and Feedback	

Sixth Day (Friday)

Date: 26/03/2021

08:00-08:05	Address to participants	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
08:10-09:00	Plenary Lecture on “From Crime Scene to Courtroom: The Murder Room- A Scientific, Multi-Disciplinary, Victim-Centered Death Investigation Approach”	<u>Dr. Laura Pettler</u> Forensic Criminologist/ private Death Investigator, USA
09:00-09:10	Address to queries of participants by <u>Dr. Pettler</u>	
09:15-10:05	Plenary Lecture on “Best Practices for Forensic Laboratory Design”	<u>Mr. Ken Mohr</u> Principal, Crime Lab Design, USA
10:05-10:15	Address to queries of participants by <u>Mr. Mohr</u>	
10:20-12:50	Plenary Lecture on “Things that Advocates and their Expert Witnesses need to know”	<u>Adv. Hugh Selby</u> Barrister Advocacy & Witness Trainer, Australia
12:50-13:00	Address to queries of participants by <u>Adv. Selby</u>	
13:00-13:05	Concluding of sixth day of FDP	<u>Dr. Shruti Gupta</u> Programme Coordinator, Assistant Professor & Ph.D. Coordinator, Amity Institute of Forensic Sciences, AUUP, Noida, India
13:05-13:10	Vote of Thanks	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor & Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
13:10-13:20	Online Assessment and Feedback	

Seventh Day (Saturday)

Date: 27/03/2021

08:00-08:05	Address to participants	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor and Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
08:10-09:05	Plenary Lecture on " Emerging Trends in Forensic DNA Analysis "	<u>Ms. Tiffany Roy</u> Forensic DNA expert, Florida, U.S.
09:05-09:15	Address to queries of participants by <u>Ms. Roy</u>	
09:20-10:10	Plenary Lecture on " Future Issues in Forensic Science "	<u>Prof. Barry A.J. Fisher</u> Forensic Science Consultant, California, U.S.
10:10-10:20	Address to queries of participants by <u>Prof. Fisher</u>	
10:25-11:15	Plenary Lecture on " Poison as a Murder Weapon "	<u>Prof. (Dr.) V.V. Pillai</u> Chief of Poison Control Centre & Clinical Forensic Unit, Professor & Head of Forensic Medicine and Medical Toxicology, Amrita School of Medicine, Cochin, India
11:15-11:25	Address to queries of participants by <u>Prof. (Dr.) Pillai</u>	
11:30-13:00	Plenary Lecture on " Modern Trends in Forensic Ballistics "	<u>Dr. N.P. Waghmare</u> Director, Forensic Science Laboratory, Panji, Goa, India.
13:00-13:10	Address to queries of participants by <u>Dr. Waghmare</u>	
13:15-13:20	Concluding of FDP	<u>Dr. Amarnath Mishra</u> Programme Director, Assistant Professor & Programme Leader, Amity Institute of Forensic Sciences, AUUP, Noida, India
13:20-13:25	Vote of Thanks	
13:30-14:00	Performance by Nyaynaman Team of AIFS	
14:00-14:10	Online Assessment and Feedback	