



**AMITY UNIVERSITY**  
UTTAR PRADESH



Knowledge Partner

**AMITY ACADEMIC STAFF COLLEGE**  
IN ASSOCIATION WITH  
**AMITY INSTITUTE OF FORENSIC SCIENCES**

**Organizes**

**2<sup>nd</sup> Edition of 15 Days Refresher Course (Online)**

on

**“Advancement in Interdisciplinary Research & Teaching in  
Science & Technology and  
Intellectual Property Rights”**

**Date: 9<sup>th</sup> December – 23<sup>rd</sup> December 2024**

**Time: 14:00 hrs to 20:00 hrs IST (Monday-Saturday)**

**Platform: Zoom Cloud Meet**

**Meeting Link: <https://amity-edu.zoom.us/meeting/register/tZ0qfuisqjwvG9MzsVaW9QynnQLOzvXFR58L>**

**Program Schedule**

## First Day

Date: 09/12/2024 (Monday)

<b>Inaugural Ceremony</b>		
<b>14:00-14:05</b>	<b>Lightening of Lamp and Saraswati Vandana</b>	
14:05-14:15	Welcome Address and Introduction of 15 Days Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director (Refresher Course-2024) and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:20-14:25	Few Words by Dean, Science and Technology Domain	<b>Prof. (Dr.) Sunita Rattan</b> Professor & Director, Amity Institute of Applied Sciences and Dean, Science and Technology Domain, AUUP, Noida, India
14:30-14:40	Address by <b>Hon'ble Chief Guest</b>	<b>Dr. J. M. Vyas</b> <b>(Padma Shri Awardee)</b> Vice Chancellor National Forensic Sciences University Gandhinagar, Gujarat (An Institution of National Importance) Ministry of Home Affairs, Govt. of India
14:45-14:55	Address by <b>Hon'ble Guest of Honour</b>	<b>Shri Praveen Ramadas</b> National Joint Organizing Secretary Vigyan Bharati (VIBHA), India
15:00-15:10	Address by <b>Hon'ble Chairperson</b> of 2 <sup>nd</sup> Edition of 15 Days Refresher Course	<b>Prof. (Dr.) Balvinder Shukla</b> Professor-Entrepreneurship, Leadership and IT Vice Chancellor, AUUP, India
<b>Plenary Sessions</b>		
15:15-16:00	Plenary session on <b>“From bench to bedside: role of Quality Testing in biologicals”</b>	<b>Dr. Gauri Misra</b> Senior Scientist, National Institute of Biologicals, Noida Ministry of Health & Family Welfare, Govt. of India
16:00-16:10	Address to queries of participants by <b>Dr. Misra</b>	
16:15-17:05	Plenary session on <b>“Creativity, innovation &amp; entrepreneurship - A synergistic plan to make India future-ready”</b>	<b>Dr. Tarakanta Jana</b> Senior Principal Scientist, CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), New Delhi, India

17:05-17:15	Address to queries of participants by <b>Dr. Jana</b>	
17:20-18:20	Plenary session on <b>“Understanding and Exploring the possibilities of IPR”</b>	<b>Prof. (Dr.) Amrish Chandra</b> Dean, Sharda School of Pharmacy, Sharda University, Greater Noida, India
18:20-18:30	Address to queries of participants by <b>Prof. (Dr.) Chandra</b>	
18:35-19:35	Plenary session on <b>“Empowering Teachers for Outcome based Education”</b>	<b>Prof. Dr. (Mrs.) Vimal Rarh</b> Professor, Department of Chemistry Coordinator, Forensic Science Unit, S.G.T.B. Khalsa College, University of Delhi Programme Director, UGC-MMTTC A centre of UGC & Ministry of Education, Govt. of India
19:35-19:45	Address to queries of participants by <b>Prof. Dr. (Mrs.) Rarh</b>	
19:45-19:50	Concluding of first day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:50-19:55	Vote of Thanks	
<b>19:55-20:25</b>	<b>Online Attendance and Feedback</b>	

## Second Day

Date: 10/12/2024 (Tuesday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “ <b>Expert Testimony</b> ”	<b>Prof. (Dr.) Arun Sharma</b> Professor, National Forensic Sciences University, Uganda Campus
15:00-15:10	Address to queries of participants by <b>Prof. (Dr.) Sharma</b>	
15:15-16:05	Plenary session on “ <b>Research and Development Ecosystem in India</b> ”	<b>Prof. (Dr.) Manoj Kumar Patariya</b> Adjunct Professor, National Institute of Advanced Studies, Bengaluru, Karnataka, India
16:05-16:15	Address to queries of participants by <b>Prof. (Dr.) Patariya</b>	
16:20-17:10	Plenary session on “ <b>Examination of Unusual cases in Documents</b> ”	<b>Dr. Ravindra Sharma</b> Deputy Director & Scientist D, Central Forensic Science Laboratory, Bhopal, India
17:10-17:20	Address to queries of participants by <b>Dr. Sharma</b>	
17:25-18:15	Plenary session on “ <b>Crime scene and evidence management</b> ”	<b>Mr. Gregory J. Williams</b> President of the Caribbean Association of Forensic Sciences, Forensic consultant, Jamaica
18:15-18:25	Address to queries of participants by <b>Mr. Williams</b>	
18:30-19:30	Plenary session on “ <b>Natural Product Synthesis</b> ”	<b>Prof. (Dr.) Sunita Bhagat</b> Professor, Department of Chemistry, ARSD College, University of Delhi, Delhi, India
19:30-19:40	Address to queries of participants by <b>Prof. (Dr.) Bhagat</b>	
19:40-19:45	Concluding of second day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:45-19:50	Vote of Thanks	
19:50-20:20	<b>Online Attendance and Feedback</b>	

### Third Day

Date: 11/12/2024 (Wednesday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on <b>“The future of interdisciplinary research and innovation by developing Smart Nanomaterial based bio-diagnostic devices”</b>	<b>Dr. Utkarsh Jain</b> Senior Associate Professor, School of Health Sciences and Technology, UPES, Bidholi, Dehradun, India
15:00-15:10	Address to queries of participants by <b>Dr. Jain</b>	
15:15-16:05	Plenary session on <b>“Forensic nano-sensing platform for pesticide detection using screen-printed electrodes”</b>	<b>Prof. (Dr.) Nidhi Chauhan</b> Professor, School of Health Sciences & Technology, University of Petroleum and Energy Studies, Bidholi, Dehradun, India
16:05-16:15	Address to queries of participants by <b>Prof. (Dr.) Chauhan</b>	
16:20-17:10	Plenary session on <b>“Research methodology: how research is performed methodically”</b>	<b>Dr. Rakesh Yadav</b> Associate Professor, School of Pharmacy, National Forensic Sciences University, Gandhinagar Campus, India
17:10-17:20	Address to queries of participants by <b>Dr. Yadav</b>	
17:25-18:15	Plenary session on <b>“Fluid Dynamics for Understanding Bloodstain Pattern Analysis in Forensic Science”</b>	<b>Prof. (Dr.) Basant Singh Sikarwar</b> Professor and Head Department of Mechanical Engineering, AUUP, Noida, India
18:15-18:25	Address to queries of participants by <b>Prof. (Dr.) Sikarwar</b>	
18:30-19:20	Plenary Session on <b>“Clinical Forensics”</b>	<b>Prof. Wayne McLaughlin</b> Director, CARIGEN, Coordinator, Forensic Science Program, UWI, Mona Campus, Jamaica
19:20-19:30	Address to queries of participants <b>Prof. McLaughlin</b>	
19:30-19:35	Concluding of third day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:35-19:40	Vote of Thanks	
19:40-20:10	<b>Online Attendance and Feedback</b>	

## Fourth Day

Date: 12/12/2024 (Thursday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “AI Tools in Research”	<b>Dr. Ved Prakash Mishra</b> Head- Center of Excellence (AI-Data Science) Associate Professor -Computer Science & Engineering Amity University Dubai, UAE
15:00-15:10	Address to queries of participants by <b>Dr. Mishra</b>	
15:15-16:05	Plenary session on “Life science vs Computer science”	<b>Prof. (Mrs.) Krishna Misra</b> Honorary Professor Indian Institute of Information Technology, Prayagraj, UP, India
16:05-16:15	Address to queries of participants by <b>Prof. (Mrs.) Misra</b>	
16:20-17:10	Plenary session on “Latest Trends in Forensic Ballistics & Techniques”	<b>Dr. N.P. Waghmare</b> Director (Retd.), Forensic Science Laboratory, Panji, Goa, India
17:10-17:20	Address to queries of participants by <b>Dr. Waghmare</b>	
17:25-18:15	Plenary session on “Significance of Pharmacokinetic and Pharmacodynamic Parameters in Evaluating Drug-Related Evidences: An Insight Into Forensic Pharmacology”	<b>Prof. (Dr.) Satnam Singh</b> Professor (Pharmacology), Adesh Institute of Medical Sciences and Research, Adesh University, Bathinda, Punjab, India
18:15-18:25	Address to queries of participants by <b>Prof. (Dr.) Singh</b>	
18:30-20:00	Plenary session on “Harnessing AI for research writing and improving teaching pedagogies”	<b>Dr. K. S. Sowmiya Rani</b> Editor, Editage; Founder, Sowmis_AWW, Coimbatore, Tamil Nadu, India
20:00-20:10	Address to queries of participants by <b>Dr. Rani</b>	
20:10-20:15	Concluding of fourth day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:15-20:20	Vote of Thanks	
20:20-20:50	<b>Online Attendance and Feedback</b>	

## Fifth Day

Date: 13/12/2024 (Friday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on “Currency Notes”	<b>Mr. B. P. Mishra</b> Forensic Document Examiner, Former Deputy Director & Scientist ‘D’ Central Forensic Science Laboratory, Kolkata, India
15:00-15:10	Address to queries of participants by <b>Mr. Mishra</b>	
15:15-16:05	Plenary session on “Emerging Need for Food Authenticity & Health Benefits of Millet's”	<b>Dr. Ajai Prakash Gupta</b> Director, Food Safety and Standards Authority of India
16:05-16:15	Address to queries of participants by <b>Dr. Gupta</b>	
16:20-17:05	Plenary session on “Forensic Entomology”	<b>Dr. Sapna Sharma</b> Associate Professor Department of Forensic Science, Maharshi Dayanand University Rohtak, Haryana, India
17:05-17:15	Address to queries of participants by <b>Dr. Sharma</b>	
17:20-18:10	Plenary session on “The Application of Interdisciplinary Analytical Methods in Biological and Trace Evidence Analysis”	<b>Mrs. Hillary Mullings-William</b> Forensic Scientist & Educator, Jamaica
18:10-18:20	Address to queries of participants by <b>Mrs. William</b>	
18:25-20:00	Plenary session on “Good Laboratory Practices”	<b>Dr. Rakesh Kumar</b> FADAS & IQAS Lead Assessor, QCI Trainer, Lucknow, India
20:00-20:10	Address to queries of participants by <b>Dr. Kumar</b>	
20:10-20:15	Concluding of fifth day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:15-20:20	Vote of Thanks	
20:20-20:50	<b>Online Attendance and Feedback</b>	

### Sixth Day

Date: 14/12/2024 (Saturday)

14:00-20:00	e-Contents, Self Study & Doubt Clearing Session	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
-------------	---	--

### Seventh Day

Date: 15/12/2024 (Sunday)

14:00-20:00	Home Assignment	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
-------------	-----------------	--



## Eighth Day

Date: 16/12/2024 (Monday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on <b>“Role of AI &amp; Technology in healthcare”</b>	<b>Prof. (Dr.) Sangeeta Sharma</b> Professor, Department of Neuropsychopharmacology, Institute of Human Behaviour & Allied Sciences, Delhi, India
15:00-15:10	Address to queries of participants by <b>Prof. (Dr.) Sharma</b>	
15:15-16:05	Plenary session on <b>“Current Trends in Wildlife Crime and Its implications in Forensic Science”</b>	<b>Prof. (Dr.) Rajinder Singh</b> Professor & Former Head Department of Forensic Science Punjabi University, Patiala, India
16:05-16:15	Address to queries of participants by <b>Prof. (Dr.) Singh</b>	
16:20-17:05	Plenary session on <b>“Interdisciplinary Approaches of Forensic Practice”</b>	<b>Prof. (Dr.) Vrinda J Bhat</b> Professor & Head of Department, Dept. of Forensic Medicine and Toxicology, Sathagiri Institute of Medical Sciences & Research Centre, Mangalore, Karnataka, India
17:05-17:15	Address to queries of participants by <b>Prof. (Dr.) Bhat</b>	
17:20-18:10	Plenary session on <b>“DNA Forensics: An introduction for life science experts”</b>	<b>Dr. Bhargav Patel</b> Associate Professor, School of Forensic Science, National Forensic Sciences University, Gandhinagar, India
18:10-18:15	Address to queries of participants by <b>Dr. Patel</b>	
18:20-19:10	Plenary session on <b>“Forensic Analytical Instrumentation: Application &amp; Challenges”</b>	<b>Dr. A. K. Jaiswal</b> Senior Scientist, Department of Forensic Medicine, All India Institute of Medical Sciences (A.I.I.M.S.) New Delhi, India
19:10-19:20	Address to queries of participants by <b>Dr. Jaiswal</b>	
19:25-19:55	Plenary session on <b>“Legal liabilities of Forensic Medicine Practitioners”</b>	<b>Dr. Dalia Al-Saif</b> Forensic Medicine Consultant, Dammam Centre of Forensic Medicine, Saudi Arabia

19:55-20:05	Address to queries of participants by <b>Dr. Al-Saif</b>	
20:05-20:10	Concluding of eighth day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:10-20:15	Vote of Thanks	
<b>20:15-20:45</b>	<b>Online Attendance and Feedback</b>	

## Nineth Day

Date: 17/12/2024 (Tuesday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-16:00	Plenary session on <b>“Reprogram your mind for Happiness and Wellbeing”</b>	<b>Prof. (Dr.) Harminder Kaur Gujral</b> Department of HR, Amity Business School & Head- Consortium - Amity Centre for Guidance and Counselling, AUUP, Noida, India
16:00-16:10	Address to queries of participants by <b>Prof. (Dr.) Gujral</b>	
16:15-17:00	Plenary Session on <b>“Role of Ethics in Research”</b>	<b>Dr. Madhuri Gupta</b> Scientist Incharge National Poison Information Centre, Dept. of Pharmacology, All India Institute of Medical Sciences, New Delhi, India
17:00-17:10	Address to queries of participants by <b>Dr. Gupta</b>	
17:15-18:05	Plenary Session on <b>“Cutting-Edge Forensic Science: Innovations and Impacts”</b>	<b>Prof. Barry A. J. Fisher</b> Forensic Science Consultant, California, USA
18:05-18:10	Address to queries of participants by <b>Prof. Fisher</b>	
18:15-18:50	Plenary Session on <b>“Shooting Reconstruction”</b>	<b>Dr. Sharon Plotkin</b> Certified Crime Scene Investigator and Associate Professor, Miami Dade College, Miami, United States
18:50-18:55	Address to queries of participants by <b>Dr. Plotkin</b>	
19:00-19:45	Plenary session on <b>“Beyond Initial Accreditation”</b>	<b>Ms. Candace N. Walker</b> Director Atlanta Police Department Crime Laboratory Atlanta, USA
19:05-19:10	Address to queries of participants by <b>Ms. Walker</b>	
19:10-19:15	Concluding of ninth day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:15-19:20	Vote of thanks	
19:20-19:50	<b>Online Attendance and Feedback</b>	

## Tenth Day

Date: 18/12/2024 (Wednesday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-16:00	Plenary session on <b>“Emotional Intelligence for Personal and Professional Development”</b>	<b>Prof. (Dr.) Harminder Kaur Gujral</b> Department of HR, Amity Business School & Head- Consortium - Amity Centre for Guidance and Counselling, AUUP, Noida, India
16:00-16:10	Address to queries of participants by <b>Prof. (Dr.) Gujral</b>	
16:15-17:05	Plenary session on <b>“Risk Management”</b>	<b>Dr. Akepe Linus Enobi</b> Africa Continental Director, International Institute of Certified Forensic Investigation Professionals, Yaounde, Cameroon and Vice-Chancellor, Langbustech University, New Jersey, USA
17:05-17:15	Address to queries of participants by <b>Dr. Enobi</b>	
17:20-18:45	Plenary session on <b>“Advance Phenomics for Forensic Application”</b>	<b>Dr. Anshuman Mishra</b> Prof. Herbert Gleiter Research Group Leader, Institute of Advanced Materials, IAAM, Sweden
18:45-18:55	Address to queries of participants by <b>Dr. Mishra</b>	
19:00-19:50	Plenary session on <b>“Writing and Presenting Research Protocol/Synopsis: Common Pitfalls to avoid”</b>	<b>Dr. Rohin Garg</b> Associate Professor (Anatomy), All India Institute of Medical Sciences (AIIMS), Rajkot, Gujarat, India
19:50-20:00	Address to queries of participants by <b>Dr. Garg</b>	
20:00-20:05	Concluding of tenth day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:05-20:10	Vote of Thanks	
20:10-20:40	<b>Online Attendance and Feedback</b>	

## Eleventh Day

Date:19/12/2024 (Thursday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on <b>“Integrity in scientific research and industrial development”</b>	<b>Dr. Kapil Kumar Tripathi</b> Scientist 'F' Technology Development Board Department of Science and Technology, Govt. of India
15:00-15:05	Address to queries of participants by <b>Dr. Tripathi</b>	
15:10-15:50	Plenary session on <b>“Detection of Deception and Truthfulness in Crime Investigation with Supreme Court Guidelines”</b>	<b>Prof. (Dr.) Asha Srivastava</b> Dean, School of Behavioural Forensics, National Forensic Sciences University, Gandhinagar, India
15:50-15:55	Address to queries of participants by <b>Prof. (Dr.) Srivastava</b>	
16:00-16:50	Plenary session on <b>“Optimism and resilience development”</b>	<b>Prof. (Dr.) Tosendra Dwivedi</b> Professor (Psychology), Alliance University, Bengaluru, India
16:50-16:55	Address to queries of participants <b>Prof. (Dr.) Dwivedi</b>	
17:00-17:50	Plenary session on <b>“Advancements in Forensic Pathology to aid in deciphering time and causes of death”</b>	<b>Prof. (Dr.) Dipayan Deb Barman</b> Professor & Head, Dept. of Forensic Medicine & Toxicology, Shri Sathya Sai Medical College & Research Institute Affiliated to Sri Balaji Vidyapeeth University, TN, India
17:50-17:55	Address to queries of participants <b>Prof. (Dr.) Barman</b>	
18:00-18:50	Plenary session on <b>“Forensic Sciences and Popular Poetry: a lighter way of teaching people how science works”</b>	<b>Dr. Alysson Medeiros</b> Forensic Engineer, Brazilian Federal Police, João Pessoa, Paraíba, Brazil
18:50-18:55	Address to queries of participants by <b>Dr. Medeiros</b>	
19:00-19:50	Plenary session on <b>“AI based tools for Data Management and Analysis”</b>	<b>Dr. Nimish Kapoor</b> Scientist & Science Communication Specialist BSIP, an autonomous organisation of the Department of Science & Technology, Govt. of India

19:50-20:00	Address to queries of participants by <b>Dr. Kapoor</b>	
20:00-20:05	Concluding of eleventh day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
20:05-20:10	Vote of Thanks	
<b>20:10-20:40</b>	<b>Online Attendance and Feedback</b>	

## Twelfth Day

Date: 20/12/2024 (Friday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on <b>“Strategies of Crime Scene Management”</b>	<b>Prof. (Dr.) G. S. Sodhi</b> Professor, Department of Chemistry & Forensic Science Unit, S.G.T.B. Khalsa College, University of Delhi, Delhi, India
15:00-15:10	Address to queries of participants by <b>Prof. (Dr.) Sodhi</b>	
15:15-16:15	Plenary session on <b>“Postmortem Toxicology: Challenges and Interpretation of Chemical Report in determining Cause of Death”</b>	<b>Prof. (Dr.) Bhoopendra Singh</b> Professor cum Toxicologist, Dept. of Forensic Medicine and Toxicology, Rajendra Institute of Medical Sciences, Ranchi, Jharkhand, India
16:15-16:25	Address to queries of participants by <b>Prof. (Dr.) Singh</b>	
16:30-17:15	Plenary session on <b>“New Technologies for Human and No-human Forensic DNA typing”</b>	<b>Dr. Anna Barbaro</b> Forensic Geneticist & Criminalist, WAWFE President, Italy
17:15-17:25	Address to queries of participants by <b>Dr. Barbaro</b>	
17:30-19:15	Plenary session on <b>“Clandestine drug manufacturing in Malaysia”</b>	<b>Dr. Saravana Kumar Jayaram</b> Head of Opiates Section Narcotics Division Dept. of Chemistry, Malaysia
19:15-19:25	Address to queries of participants by <b>Dr. Jayaram</b>	
19:30-20:15	Plenary session on <b>“Publications Ethics and Standardization of International Publishing”</b>	<b>Dr. Magdy Kharoshah</b> Editor-in-Chief, Egyptian Journal of Forensic Sciences & Consultant, Ministry of Health, Saudi Arabia
20:15-20:25	Address to queries of participants by <b>Dr. Kharoshah</b>	
20:30-21:15	Plenary session on <b>“Geographic Crime Scene Investigation”</b>	<b>Dr. Domingo Magliocca</b> Public Investigator, Certified Geographic Profiling Analyst, Italy
21:15-21:25	Address to queries of participants by <b>Dr. Magliocca</b>	
21:25-21:30	Concluding of twelfth day of Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director and Associate

21:30-21:35	Vote of Thanks	Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
<b>21:35-22:05</b>	<b>Online Assessment and Feedback</b>	



### Thirteenth Day

Date: 21/12/2024 (Saturday)

14:00-20:00	e-Contents, Self Study & Doubt Clearing Session	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
-------------	---	--

### Fourteenth Day

Date: 22/12/2024 (Sunday)

14:00-20:00	Home Assignment	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
-------------	-----------------	--

## Fifteenth Day

Date: 23/12/2024 (Monday)

14:00-14:05	Welcome Address	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
14:10-15:00	Plenary session on <b>“Emerging Trends in Neuroscience and Pain Research: Challenges and Opportunities”</b>	<b>Dr. Vinod Tiwari</b> Associate Professor, Dept. of Pharmaceutical Engineering & Technology, IIT, BHU, Varanasi, India
15:00-15:10	Address to queries of participants by <b>Dr. Tiwari</b>	
15:15-15:55	Plenary session on <b>“Nanoparticles and it's Environmental impact”</b>	<b>Prof. (Dr.) Ashutosh Tripathi</b> Professor & Head Department of Environmental Sciences, Nagaland University (A Central University), Lumami, Nagaland, India
15:55-16:00	Address to queries of participants by <b>Prof. (Dr.) Tripathi</b>	
16:05-16:55	Plenary session on <b>“Current Trends in Forensic Science Research and Teaching: Drinks Spiking”</b>	<b>Dr. Lata Gautam</b> Associate Professor Forensic and Investigative Sciences School of Life Sciences Faculty of Science and Engineering Anglia Ruskin University, Cambridge, United Kingdom
16:55-17:05	Address to queries of participants by <b>Dr. Gautam</b>	
17:10-17:55	Plenary session on <b>“Digital Arrest- A New Era of Cyber Crime”</b>	<b>Prof. (Dr.) Lav Kesharwani</b> Professor, Dept. of Forensic Science, Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj, UP, India
17:55-18:00	Address to queries of participants by <b>Prof. (Dr.) Kesharwani</b>	
18:05-18:55	Plenary session on <b>“Nanotechnology for Environmental Sustainability”</b>	<b>Prof. (Dr.) Ajay Kumar Mishra</b> Director, Academy of Nanotechnology and Waste Water Innovations and Professor, University of the Western Cape, South Africa
18:55-19:00	Address to queries of participants by <b>Prof. (Dr.) Mishra</b>	

<b>Valedictory Function</b>		
19:00-19:10	Report of 2 <sup>nd</sup> edition of 15 Days Refresher Course	<b>Dr. Amarnath Mishra</b> Program Director (Refresher Course-2024) and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
19:15-19:20	Few Words by Dean, Science and Technology Domain	<b>Prof. (Dr.) Sunita Rattan</b> Professor & Director, Amity Institute of Applied Sciences and Dean, Science and Technology Domain, AUUP, Noida, India
19:25-19:35	Address by <b>Hon'ble Guest of Honour</b>	<b>Ms. Deepa Verma</b> Director Forensic Science Laboratory, Govt. of NCT of Delhi, India
19:40-19:50	Address by <b>Hon'ble Chairperson</b> of 2 <sup>nd</sup> Edition of 15 Days Refresher Course	<b>Prof. (Dr.) Balvinder Shukla</b> Chairperson (Refresher Course) Professor-Entrepreneurship, Leadership and IT Vice Chancellor, AUUP, India
19:50-19:55	Vote of thanks	<b>Dr. Amarnath Mishra</b> Program Director and Associate Professor, Amity Institute of Forensic Sciences, AUUP, Noida, India
<b>20:00-21:00</b>	<b>Online Assessment and Feedback</b>	