



AMITY INSTITUTE OF  
FORENSIC SCIENCES

IN ASSOCIATION WITH



AMITY ACADEMIC  
STAFF COLLEGE

O R G A N I S E S

2<sup>nd</sup> EDITION OF 15 DAYS REFRESHER COURSE (HYBRID)  
*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

**Website:** [www.amity.edu/aifs/RF2024/](http://www.amity.edu/aifs/RF2024/)

Knowledge Partner:



Media Partners:



## ABOUT REFRESHER COURSE

The aim of this refresher course is to promote research aspects in different Science subjects for interdisciplinary research. The refresher course will start with an overview of forensic science, physics, chemistry, life sciences, intellectual property right, copyright, patents, research ethics, synopsis and research project writing, etc. This aspects will help the audience to understand importance of these areas in real life scenarios. This refresher course is planned for 15 days into three parts: live sessions, quiz and weekend assignments. The live session part of the refresher course will focus on the most challenging contemporary issues in sciences and technology and extend the knowledge of subjects. After each session, assessment and feedback session will be conducted where important questions from the current session will ask with participants helping identify about their attention during the refresher course and interpret outcome on daily basis. The sessions of this refresher course shall be conducted by the team of eminent academicians & industry experts possessing in-depth knowledge in the area of Forensic Science, Physics, Chemistry, Life Sciences, Intellectual Property Rights, Patents, etc. It will consist of a series of lectures and discussion sessions.

## OBJECTIVES OF THE REFRESHER COURSE

The participants would be able –

- To comprehend real time challenges and assimilate research ideas to strengthen interdisciplinary research and teaching.
- To discuss recent advancements in science & technology.
- To provide discussion session in research ethics and intellectual property rights related issues.
- To present an insight of interdisciplinary research and teaching as a global issue and instilling research ideas that are of benefit to all round the globe.

## WHO CAN ATTEND

- Research Scholars/ Post-Doctoral Fellows
- Faculty/ Academicians
- Scientists
- Science Teachers
- Legal & Other Professionals

## IMPORTANT DATE

- Early Bird Registration: 30<sup>th</sup> November 2024
- Late Registration: 8<sup>th</sup> December 2024

## REGISTRATION LINK

<https://amity.edu/nspg/ARIR2024/>

## REGISTRATION FEE

S.No.	CATEGORY	NATIONAL		INTERNATIONAL	
		Till 30 <sup>th</sup> November	Late Registration (after 30 <sup>th</sup> November)	Till 30 <sup>th</sup> November	Late Registration (after 30 <sup>th</sup> November)
1.	Research Scholars/ Post-Doctoral Fellows	Rs. 2,000/-	Rs. 2,500/-	\$ 50	\$ 60
2.	Faculty/Scientists, Science Teachers and Legal & Other Professionals	Rs. 3,000/	Rs. 3,500/-	\$ 75	\$ 85
3.	Amity University Noida Campus	No registration fee			

\*NOTE: GST as applicable extra

## ORGANISING TEAM

### CHAIRPERSON

**Prof. (Dr.) Balvinder Shukla**

Professor-Entrepreneurship, Leadership and IT, Vice Chancellor Amity University Uttar Pradesh (AUUP)

### ADVISOR

**Prof. (Dr.) Sunita Rattan**, Dean, Science & Technology Domain

### PROGRAM DIRECTOR

**Dr. Amarnath Mishra**, Associate Professor, Amity Institute of Forensic Sciences

### PROGRAM COORDINATOR

**Dr. Sagina Hooda**, Dy. Director, Amity Academic Staff College

### FACULTY COORDINATORS

**Dr. Jyoti Singh**, Assistant Professor (Grade-III)

**Dr. Shipra Rohatgi**, Assistant Professor (Grade-I)

**Dr. Sonali Kesarwani**, Assistant Professor (Grade-I)

## EMINENT RESOURCE PERSONS

**Prof. Robert Green OBE**

Professor (Forensic Science),  
School of Chemistry and Forensic Science  
University of Kent, Canterbury, UK

**Dr. Amarnath Mishra**

Associate Professor,  
Amity Institute of Forensic Sciences,  
Amity University Uttar Pradesh, Noida, India

**Dr. Anna Barbaro**

Forensic Geneticist & Criminalist,  
WAWFE President, Italy

**Dr. Sharon Plotkin**

Certified Crime Scene Investigator  
and Associate Professor,  
Miami Dade College, Miami, United States

**Dr. Anshuman Mishra**

Prof. Herbert Gleiter Research Group Leader  
Institute of Advanced Materials, IAAM, Sweden

**Dr. Ved Prakash Mishra**

Head- Center of Excellence (AI-Data Science)  
Associate Professor - Computer Science &  
Engineering, Amity University Dubai, UAE

**Dr. N. P. Waghmare**

Director, Forensic Science Laboratory,  
Panaji, Goa, India

**Mr. Gregory J. Williams**

President, Caribbean Association of Forensic  
Sciences, Forensic consultant/Scientist Basic  
Medical Science, Jamaica

**Dr. Ravindra Sharma**

Deputy Director, & Scientist D, CFSL, Bhopal, India

**Prof. (Dr.) Basant Singh Sikarwar**

Professor and Head, Department of Mechanical Engineering, AUUP,  
Noida, India

**Prof. (Dr.) Nidhi Chauhan**

Professor, School of Health Sciences & Technology,  
University of Petroleum and Energy Studies,  
Bidholi, Dehradun, India

**Prof. (Dr.) Harminder Kaur Gujral**

Department of HR, Amity Business School  
Head- Consortium - Amity Centre for Guidance and  
Counselling, AUUP, Noida, India

**Dr. Domingo Magliocca**

Public Investigator, Certified Geographic Profiling Analyst, Italy

**Prof. (Dr.) Manoj Kumar Patariya**

Adjunct Professor, National Institute of  
Advanced Studies, Bengaluru, Karnataka, India

**Prof. (Dr.) Satnam Singh**

Professor (Pharmacology), Adesh Institute of Medical Sciences and  
Research, Adesh University, Bathinda, Punjab, India

**Dr. Rakesh Yadav**

Associate Professor, Department of Pharmacy  
National Forensic Sciences University, Gandhinagar Campus, India

**Prof. (Dr.) Bhoopendra Singh**

Professor cum Toxicologist,  
Dept. of Forensic Medicine and Toxicology Rajendra  
Institute of Medical Sciences, Ranchi, Jharkhand, India

## EMINENT RESOURCE PERSONS

### **Dr. Sapna Sharma**

Associate Professor, Department of Forensic Science, Maharshi Dayanand University Rohtak, Haryana, India

### **Dr. G. K. Goswami, IPS**

Additional Director, General of Police, Uttar Pradesh Director UP State Institute of Forensic Sciences, Lucknow, India

### **Dr. Tarakanta Jana**

Senior Principal Scientist, CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), New Delhi, India

### **Prof. Bhakti Pad Mishra**

Adjunct Faculty NUJS Kolkata, Dy. Director & Scientist "D" (Document) Retd. C.F.S.L. Kolkata, India

### **Prof. (Dr.) Sunita Bhagat**

Professor, Department of Chemistry, ARSD College, University of Delhi, Delhi, India

### **Dr. Pamela Marshall**

Director-Cyril H. Wecht Institute of Forensic Science and Law, Duquesne University, Pittsburgh, Pennsylvania, USA

### **Prof. (Dr.) Ajay Kumar Mishra**

Director, Academy of Nanotechnology and Waste Water Innovations and Professor, University of the Western Cape, South Africa

### **Dr. Madhuri Gupta**

Senior Scientist, National Poison Information Centre, Dept. of Pharmacology, All India Institute of Medical Sciences, New Delhi, India

### **Dr. A. K. Jaiswal**

Senior Scientist, Department of Forensic Medicine, All India Institute of Medical Sciences, New Delhi, India

### **Prof. (Dr.) Lav Kesharwani**

Professor, Dept. of Forensic Science, Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj, UP, India

### **Dr. Nimish Kapoor**

Scientist & Science Communication Specialist BSIP, an autonomous organisation of the Department of Science & Technology, Govt. of India

### **Prof. (Dr.) Sangeeta Sharma**

Professor, Dept. of Neuropsychopharmacology, Institute of Human Behaviour & Allied Sciences, Delhi, India

### **Prof. (Dr.) G. S. Sodhi**

Professor, Department of Chemistry & Forensic Science Unit, S.G.T.B. Khalsa College, University of Delhi, Delhi, India

### **Dr. Indira Sudha**

Director, Central Finger Print Bureau, National Crime Record Bureau, New Delhi, India

### **Ms. Sangeeta Nagar**

Scientist 'F', Patent Facilitating Centre, TIFAC, (An autonomous body of Department of Science & Technology), New Delhi, India

### **Ms. Candace N. Walker**

Director, Atlanta Police Department Crime Laboratory Atlanta, USA

### **Dr. Lata Gautam**

Associate Professor, Forensic and Investigative Sciences, Faculty of Science and Engineering, Anglia Ruskin University, Cambridge, UK

### **Prof. (Dr.) Dipayan Deb Barman**

Professor & Head, Dept. of Forensic Medicine & Toxicology, Shri Sathya Sai Medical College & Research Institute, Tamil Nadu, India

### **Prof. (Mrs.) Krishna Misra**

Honorary Professor, Indian Institute of Information Technology, Prayagraj, UP, India

### **Dr. Ajai Prakash Gupta**

Director, Food Safety and Standards Authority of India

### **Prof. (Dr.) Ashutosh Tripathi**

Professor & Head, Dept. of Environmental Sciences, Nagaland University, Nagaland, India

### **Prof. (Dr.) Vrinda J Bhat**

Professor & HoD, Dept. of FMT, SIMS & RC, Mangalore, Karnataka, India

### **Dr. K. S. Sowmiya Rani**

Editor, Editage; Founder, Sowmis\_AWW, Coimbatore, Tamil Nadu, India

### **Prof. Wayne McLaughlin**

Director of CARIGEN, Coordinator-Graduate Forensic Science Programme at University of the West Indies, Mona Campus, Jamaica

### **Mrs. Hillary Mullings-William**

Forensic Scientist & Educator, Jamaica

### **Ms. Dionne A. Cruickshank**

Attorney-at-Law and Educator Kingston, Jamaica

### **Dr. Dalia Al-Saif**

Forensic Medicine Consultant, Dammam Centre of Forensic Medicine, Saudi Arabia



## ABOUT AMITY

Amity University is a highly research-focused, innovation-driven and interdisciplinary University with over 35,000 full-time students at its main campus in Noida (Delhi NCR). The focus on quality has led the University to be ranked # 35 among all Indian Universities in NIRF 2023, the # 1 Private University since the last nine years by India Today and amongst the top 3% Universities globally by QS and Times Higher Education. Amity is also the only University in India to have US regional accreditation by WASC (USA) and by QAA (UK). It is part of the Amity Education Group with over 2,00,000 students across campuses in 16 countries.

## ABOUT AMITY INSTITUTE OF FORENSIC SCIENCES

Amity Institute of Forensic Sciences, Amity University Uttar Pradesh, Noida, India is a leading premier institute dedicated to nation service. It offers higher education in forensic sciences at three programmes levels: UG- B.Sc. (Forensic Sciences) (Honours / Research), PG- M.Sc. (Forensic Sciences) & M.Sc. (Cyber Forensic & Cyber Security) and Doctorate- Ph.D. (Forensic Sciences) in Full Time and Part Time. All the courses aim to instil in student's professional acumen, skills and capabilities to deal with different areas of life.

Amity Institute of Forensic Sciences is an institute of Amity University came into existence by an act under the Amity University (Uttar Pradesh) Act, 2005 and it has also been listed under 'Educational Institutions' in the U.P. Govt. website (<http://www.upgov.nic.in/>). Its main aim is to conduct important professional courses that can ensure employment to passing-out students. In addition, several short-term training and capacity building programmes are being offered by the institute. The institute has organized National and International conferences, workshops, seminars, faculty development programs, refresher courses, value added courses and quiz competitions.



## FOR FURTHER DETAILS, KINDLY CONTACT

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