



Dr. Ashok K Chauhan
Founder President,
Amity Education Group



Dr. Aseem Chauhan
Chancellor,
Amity University

Amity School of Engineering & Technology
Amity University Haryana
In Association With
Academic Staff College
Amity University Haryana
Organizes
Five Days Online Faculty Enrichment Program (FEP)

On topic

**Computational Methods for Artificial Intelligence,
Machine Learning and Blockchain Technology**

Date: 5th July - 9th July 2021

Time – 10:00 AM-04:00 PM | Venue: Zoom Platform

Organizers



Program Director

Dr. Sanjna Vij,
Program Director
Academic Staff College
Amity University Haryana



Program Chair

Dr. Shalini Bhaskar Bajaj,
Director- Amity School of Engineering
and Technology/Amity Institute of
Information Technology
Amity University Haryana

The only skill that will be important in the 21st century is the skill of learning new skills. Everything else will become obsolete over time.

Peter Drucker

Eminent Resource Persons for FEP



Dr. Pradeep K Das
IIT Guwahati



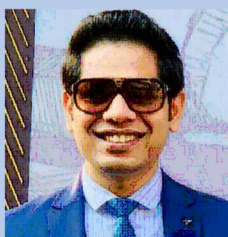
Dr. Karunesh Arora,
Senior Director, C-DAC Noida



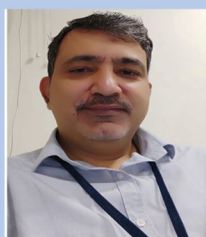
Mr. Ashutosh Kumar
Global Technology Services, IBM



Dr. S K Panda
ICFAI University Hyderabad



Dr. Munish Jindal
Founder & CEO HoverRobotix



Dr. Sunil Sikka
Associate Professor, AUH



Dr. Anuj Kr. Singh
Assistant Professor, AUH



Dr. Vikas Thada
Associate Professor, AUH

Themes/Focus Area

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Computer Vision and Image Processing
- Data Science & Applications
- Natural Language Processing
- Blockchain Technology
- Robotics Process Automation
- Computational Intelligence
- Deployment of models
- Web Scraping
- Latest trends in Machine Learning.
- One Shot Learning
- Driverless vehicle
- General Adversarial Network
- Advanced Robotic Process Automation
- Neural Style Transfer
- Stack GAN

About Amity University Haryana

Amity University Haryana (AUH) with a legacy of world class academic infrastructure is a part of Amity Education Group, a pioneer of global culture in education in India. AUH is a student-centric, research and innovation driven university, is built on a foundation, which embodies the qualities that have made Amity institutes world class.

Spread over a 110acre green campus in the close proximity of Gurugram, one of India's biggest corporate hubs, AUH is India's first University to be awarded LEED Platinum certification for its green building. Over the years, the University has instituted global standards in education, training and research with state-of-the-art infrastructure, the latest teaching methodologies and digital integration. With the mission to train budding leaders of the corporate, social and cultural world, the University strives to blend modernity with tradition for sustainable future.

About Academic Staff College at Amity University Haryana

The Amity Academic Staff College is a world class facility to facilitate the growth of world class faculty and a university environment tuned to Quality, Relevance and academic, research and service excellence.

The purpose of Academic Staff College, Amity University Haryana is to prepare and enrich the faculty members and administrative officers and staff with required professional and character skills and to develop them professionals of the new age deeply committed to serve the university, society, industry and corporates in line with national and global aspirations. The Amity Academic Staff College is a world class facility to facilitate the growth of world class faculty and a university environment tuned to Quality, Relevance and academic, research and service excellence.

About Faculty Enrichment Program (FEP)

Education is a completely evolving field, and to ensure its continued growth, teachers should also evolve themselves. Their enhanced knowledge will help them introduce their students to the new facets. Engineering and computational techniques are growing exponentially over recent years. There has been significant growth in Artificial Intelligence, the Internet of Things, Big Data, and Blockchain technology. Machine learning techniques with their presence help get the machine progressively better in doing its tasks. All these have increased the demand for professionals and researchers. The need is to keep oneself abreast of all new technical developments and pursue the path towards continuous learning and growth.

Objectives of the Faculty Enrichment Program (FEP)

- To offer to learn the basics of emerging trends & challenges in the field of computing and security.
- To introduce computational methods in emerging technology and provide opportunities to widen the knowledge further.
- To improve faculty's ability in carrying out research, testing & consultancy in computational techniques.
- To provide a forum for exchanging views, ideas on the latest innovations in next-generation computing.
- To impart theoretical and practical knowledge on the design and implementation of intelligent systems.

Pedagogy

- The FDP will be highly experiential and interactive with online lectures, discussions, presentations, and activity-based sessions on current developments.

Learning Outcomes

- Understand and master basic knowledge, theories, and methods in ML, robotics, blockchain technology, and computer vision.
- Identify, formulate, and solve problems in computer vision, robotics and security.
- Analyze, evaluate and examine existing practical systems in AI and blockchain.
- Critically review and assess scientific literature in the field and apply theoretical knowledge to identify the novelty and practicality of proposed methods.
- Apply knowledge of principles and methods in practical.

Who Should Attend

- Academicians, Deans, Directors, Faculty members, Research Scholar, Teacher Educators, School Principals & Headteachers, Counselors, Careers officers and educational guides

How to Register

Registration Fee:

National: Rs 500/ (INR)

Registration Link: <https://www.amity.edu/gurugram/fdp-program2021/>

E-certificate of participation shall be provided to all the participants

Important Date

- FEP Date: 05th July - 09th July, 2021

Instructions

Participants must attend all the online sessions and Question & Answer session. It is mandatory to fill the attendance and feedback form daily.

Academic Staff College

Rear Admiral K K Pandey
Director - Academic Staff College
Amity University Haryana
e-mail: kkpandey@ggn.amity.edu

Dr. Sanjna Vij
Program Director, Academic Staff College
Amity University Haryana
e-mail: svij@ggn.amity.edu

Contact Person

Coordinators:



Dr. Shweta Sinha
Associate Professor
ssinha@ggn.amity.edu
#9868140118



Dr. Vikas Thada
Associate Professor
vthada@ggn.amity.edu
#9958324522