



# One Week Faculty Development Program On **INTELLIGENT SYSTEMS** 29TH JUNE – 4TH JULY

## Patron



**Dr. Umesh Gautam**  
Chancellor, Invertis University

## Speakers

### Academics

## International Advisory Board

## Advisory Board



**Dr. YDS Arya**  
Vice Chancellor,  
Invertis University



**Prof. R.K. Shukla**  
Dean Engineering & Technology,  
Invertis University



**Dr. Jitendra Nath Shrivastava**  
Chief Proctor & Professor  
Deptt. of CSE,  
Invertis University



**Dr. Gaurav Agarwal**  
HoD CSE,  
Invertis University

## Convener



**Suhail J. Quraishi**  
CEO, I-Tech  
Asst. Professor  
Deptt. of CSE,  
Invertis University



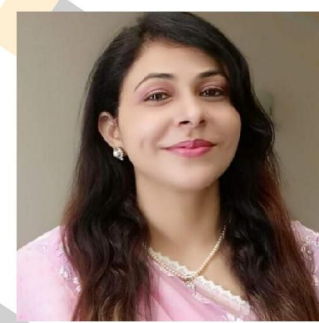
**Prof. Mohammad Sarosh Umar**  
Professor & Chairman,  
Deptt. of CSE,  
Aligarh Muslim University



**Dr. Manu Pratap Singh**  
Professor,  
Dr. B.R. Ambedkar University,  
Agra



**Dr. Ajay Indian**  
Assistant Professor,  
Central  
University of Rajasthan,  
Ajmer



**Dr. Sandhya Tarar**  
Assistant Professor,  
Gautam Buddha University,  
Noida



**Dr. Zubair Khan**  
Asso. Professor  
Deptt. of CSE,  
Taihab University,  
Medina, Saudia Arabia



**Dr. Ravi Shankar Shukla**  
Asso. Professor  
Deptt. of CSE,  
Saudi Electronic University,  
Tabuk, Saudi Arabia



**Saurabh Agarwal**  
Managing consultant,  
Wipro,  
United Kingdom



**Rajneesh Kumar**  
Senior Salesforce Technical Architect,  
HCL,  
Germany

## Co-Conveners



**Shimona Gupta**  
Asst. Professor  
Deptt. of CSE,  
Invertis University



**Ashish Saxena**  
Asst. Professor  
Deptt. of CSE,  
Invertis University

**Registration Link :- <https://bit.ly/3g26HwR>**

Organised  
by

**Department of Computer Science and Engineering  
Invertis University, Bareilly**



# One Week Online Faculty Development Programme

on

## "INTELLIGENT SYSTEMS"

29<sup>th</sup> June - 4<sup>th</sup> July, 2020



Organized by  
Department of Computer  
Science And Engineering

  
**INVERTIS**  
**UNIVERSITY BAREILLY**

Established by Govt. of U.P. u/s 2(f) of UGC Act, 1956 vide U.P. Act 22 of 2010.

### Resource Persons:

**Dr. V. K. Panchal**  
Former Director, DRDO Delhi

**Prof. Mohammad Sarosh Umar**  
Professor & Chairman, Department of CSE, AMU

**Mr. Anoop Ojha**  
Sr Software Manager, Amdocs Inc.  
Dallas, Texas, USA

**Prof. Manu Pratap Singh**  
Professor, Dr. B. R. Ambedkar University, Agra

**Dr. Ajay Indian**  
Assistant Professor  
Central University of Rajasthan, Ajmer

**Dr. Sandhya Tarar**  
Assistant Professor  
Gautam Buddha University, Noida

**Dr. Divya Kumar**  
Assistant Professor, MNNIT, Allahabad

**Dr. Mohit Kumar**  
Assistant Professor, NIT, Jalandhar

**Prof. Brijesh K. Gupta**  
Ex-IITian, Director  
Braanet Technologies Pvt. Ltd., Ghaziabad

**Mr. Vidyut Gupta**  
Head of Core Technology India Middle East Africa  
Nokia Networks

**Dr. Christos Sarakasidis**  
Data Scientist, Covea Insurance, UK

**Mr. Alok Pathak**  
Scientist, NIC, Delhi

**Mr. Sumit Jain**  
Monitoring Integration Engineer,  
WilliamHill (bookmaker)  
Leeds, West Yorkshire, UK

### Patron

**Dr. Umesh Gautam**  
Chancellor, Invertis University, Bareilly

### Advisory Committee:

**Prof. YDS Arya**  
Vice-Chancellor, Invertis University, Bareilly

**Prof. R.K. Shukla**  
Dean Engineering, Invertis University, Bareilly

**Dr. Gaurav Agarwal**  
HOD, Dept. of CSE, Invertis University, Bareilly

### Convener

**Mr. Suhail J. Quraishi**  
CEO, I-Tech, Assistant Professor, Invertis University

### Co-Convenors

**Ms. Shimona Gupta**  
Assistant Professor, Invertis University

**Mr. Ashish Saxena**  
Assistant Professor, Invertis University

### Organizing Committee

Mr. Rahul Rastogi  
Mrs. Meeta Chaudhary  
Dr. Chandan Kumar  
Dr. Akash Sanghi  
Mr. Anil Pandey  
Mrs. Sakshi Tripathi  
Mr. Ankit Saxena

### Registration Link:

<https://bit.ly/3g26HwR>

Last date for Registration: 28<sup>th</sup> June, 2020

**Note:** Certificate will be provided to those who will attend the 70% faculty development program

Contact No: 9548720923 / 8279925247  
E-Mail Id: [Cse.fdp20@gmail.com](mailto:Cse.fdp20@gmail.com)



### About the University

Invertis is a leading university offering wide range of courses pertaining to various fields of studies. The journey has started as an institute in 1998 and today it stands as a full-fledged university with a number of faculties under its umbrella. It is a delightful destination for the students not only in terms of acquiring academic progress but also for holistic development & studying in a world class learning environment. Invertis University offers a course across a broad spectrum of disciplines viz. Engineering, Applied Sciences Agriculture, Humanities, Biotechnology, Computer Applications, Education, Journalism, Management, Pharmacy, Law & Architecture.

The teaching methodology adopted by the university includes learning beyond classroom academics ensuring holistic development of the students. It is achieved through warmth of faculty and guidance from the management preparing students for the life ahead through career shaping. The University has a robust placement system & reach in corporate sector thereby giving the students industrial exposure through corporate involvement. The university has tradition of excellence carried forward by its students ranked among the toppers of universities and working as successful professionals globally.

### About the Department

The Department aims at imparting quality education and strives to quench the thirst for knowledge. The Department offers Diploma (CSE), B. Tech. (CSE) and M. Tech. (CSE) and Ph.D (CSE) programs. The Department lays emphasis on theoretical and practical aspects of subjects taught viz.

Computer Technologies, Distributed Computing, Information Security, Programming Languages, networking and database management, Software engineering, Operating System and several other domains of computer engineering. Moreover updating of syllabus is carried out at regular span of time to keep in pace with the recent technologies.

### About the Faculty Development Programme

Department of Computer Science and Engineering, Invertis University, Bareilly is organizing a One-week Online Faculty Development Programme on "INTELLIGENT SYSTEMS" from June 29, 2020 to July 04, 2020. As we are moving ahead in the era of digitalization, Intelligent Systems are in the urgent need to gather and analyze data and communicate with other systems. These systems have the capability to evolve their intelligence and improve over time. They can perceive and respond to the world around them. They have ability to learn from experience and adapt according to the environment while considering the current data captured from various sources available online. Intelligent systems can take many forms, from automated transportation systems, expert system, recommendation systems and intent recognition systems. It has various applications such as factory automation, robotics, visual surveillance, education, medical, human identification using various biometric modalities and many more. At the same time, research in intelligent systems faces numerous challenges due to uncertain and dynamic environment. The assets of every FDP are their resource persons. As speakers, this FDP

welcome some of the very experienced Academicians from IIT, NITs, AMU and other prestigious academic organizations; Researchers from organization like DRDO; and Industrial Professionals from United Kingdom, USA, Qatar etc. The proposed faculty development program provides a proper platform to participate in discussions and presentations of the latest technologies and discoveries in the field of Engineering. This course will offer a unique opportunity to the Academicians, and Researchers working in this area to acquire knowledge in current and relevant topics in Computer Science and Engineering. The overall objective of the FDP is to assort the research findings on the latest achievements, up-to-date issues, and challenges in the field of Intelligent systems. Entry to the FDP is free of cost but on First Come First Serve basis, as the seats are limited.

### Topics to Be Covered:

- Data Mining
- Deep Science
- IoT
- Cloud Computing
- Artificial Intelligence
- Machine Learning
- Biometric Security





# Schedule of FDP on INTELLIGENT SYSTEMS

Date and Day	Timings	Resource Person	Topic
29-06-2020 (Monday)	11:00AM – 11:30AM	Welcome Address Blessings by Dr. Umesh Gautam (Hon'ble Chancellor) Address by Prof. YDS Arya (Vice Chancellor) Address by Prof. R.K Shukla(Dean Engineering) Address by Dr. Gaurav Agarwal (HoD CSE)	Inaguration Ceremony
	11:30AM -12:30PM	<b>Dr. V. K. Panchal,</b> Former Director, DRDO Delhi	Artificial intelligence based Operational Systems Development & Deployment
	12:30PM onwards	Interactive Session with Speaker (Session Incharge- <b>Ms. Shimona Gupta</b> )	
	2:30PM-3:30PM	<b>Dr. Ajay Indian,</b> Assistant Professor, Central University of Rajasthan, Ajmer	Deep Learning
	3:30PM onwards	Interactive Session with Speaker (Session Incharge- <b>Mr. Rahul Rastogi</b> )	
30-06-2020 (Tuesday)	10:30AM -11:30AM	<b>Dr. Mohit Kumar,</b> Assistant Professor, NIT, Jalandhar	Integration of cloud with IOT
	11:30AM onwards	Interactive Session with Speaker (Session Incharge- <b>Mrs. Sakshi Tripathi</b> )	
	3:00PM-4:00PM	<b>Prof. Brijesh K. Gupta,</b> IIT Delhi, Director Braanet Technologies Pvt. Ltd., Ghaziabad	IOT
	4:00PM onwards	Interactive Session with Speaker (Session Incharge- <b>Mr. Ashish Saxena</b> )	
01-07-2020 (Wednesday)	10:30AM -11:30AM	<b>Dr. Manu Pratap Singh,</b> Professor, Dr. B. R. Ambedkar University, Agra	Artificial Intelligence and its aspects
	11:30AM onwards	Interactive Session with Speaker (Session Incharge- <b>Mrs. Meeta Chaudhary</b> )	
	3:00PM-4:00PM	<b>Mr. Sumit Jain,</b> Monitoring Integration Engineer, WilliamHill (bookmaker), Leeds, UK	Enteprise IT Monitoring & Observability
	4:00PM onwards	Interactive Session with Speaker (Session Incharge- <b>Mr. Ankit Saxena</b> )	
02-07-2020 (Thursday)	10:30AM -11:30AM	<b>Prof. Mohammad Sarosh Umar,</b> Professor & Chairman Department of Computer Science & Engineering, AMU	Biometric Security & Authentication - Need of Today
	11:30AM onwards	Interactive Session with Speaker (Session Incharge- <b>Ms. Shimona Gupta</b> )	
	3:00PM-4:00PM	<b>Dr. Christos Sarakasidis,</b> Data Scientist, Covea Insurance, UK	Machine/Deep Learning Techniques for Classification Problems
	4:00PM onwards	Interactive Session with Speaker (Session Incharge- <b>Dr. Akash Sanghi</b> )	
03-07-2020 (Friday)	10:30AM -11:30AM	<b>Mr. Anoop Ojha,</b> Sr Software Manager, Amdocs Inc., Dallas, Texas, USA	Industry Trends - Machine Learning/Artificial Intelligence with Cloud Computing
	11:30AM onwards	Interactive Session with Speaker (Session Incharge- <b>Mrs. Meeta Chaudhary</b> )	
	3:00PM-4:00PM	<b>Dr. Sandhya Tarar,</b> Assistant Professor, Gautam Buddha University, Noida	Roadmap to become India an AI superpower
	4:00PM onwards	Interactive Session with Speaker (Session Incharge- <b>Mrs. Sakshi Tripathi</b> )	
04-07-2020 (Saturday)	10:00AM -11:00AM	<b>Dr. Divya Kumar,</b> Assistant Professor, MNNIT, Allahabad	Evolutionary Optimization
	11:00AM onwards	Interactive Session with Speaker (Session Incharge- <b>Dr. Chandan Kumar</b> )	
	1:00PM-2:00PM	<b>Mr. Vidyut Gupta,</b> Head of Core Technology, India Middle East Africa, Nokia Networks	5G for fourth Industrial revolution
	2:00PM onwards	Interactive Session with Speaker (Session Incharge- <b>Mr. Ankit Saxena</b> )	