TOPICS TO BE COVERED

- Internet of Things (IoT)
- Multiple Input, Multiple Output (MIMO)
- 5G & 6G Technologies
- Advanced Optical Wireless Communication
- Machine Learning
- Turbo Codes
- Next generation Wireless Networks
- Cognitive Radio Networks
- Wi-Max
- Wireless Sensor Networks
- Zig-Bee Technology
- LTE Tracking Area Management
- M2M Networking
- Real-Time Monitoring of Available Bandwidth
- Wireless Broadband Networks
- Microwave and Satellite Communication
- Regulatory Issues for Future Mobile Networks

IMPORTANT DATES

Last date of registration 11 January, 2020

ACCOMODATION

Participants are expected to make their own arrangements. However, limited accommodation at nominal charges is available on campus on prior booking and confirmation. No TA/DA is applicable to participants.

Patron:

Dr. R.K. Agarwal
Director General, AKGEC

FDP Coordinator:

Dr. P.K. Chopra
Prof. & HoD, ECE DEPTT.
(M) 9350023027

Organizing Committee:

Prof. (Dr.) Neelesh Kumar Gupta
(M) 8319563978

Asstt. Prof. (Dr.) Amit Garg
(M) 9911177942

PARTICIPANTS

Faculty of Degree/Diploma Levels, PG students, Research Scholars, Practicing Engineers & Planners in Government & Industry.

REGISTRATION FEE

Delegates from Industry	Rs.2000 per person
Delegates from Academic Institutions	Rs.1500 per person
B.Tech/ M.Tech Students	Rs.500 per person

Payment can be made through Demand Draft (D.D) / NEFT transfer:

DEMAND DRAFT DETAILS:

To be made in favor of "**Ajay Kumar Garg Engineering College,**" payable at **Ghaziabad.**

NEFT DETAILS:

Name of Beneficiary- Ajay Kumar Garg Engineering College
Name of Bank- Kotak Mahindra Bank Limited
Bank Account No. (Saving) – 508010250461
IFSC Code - KKBK0005295
Brach Code- 5295

FACULTY DEVELOPMENT PROGRAM ON

MODERN COMMUNICATION TECHNOLOGIES

13-17 January 2020

Organized by:

Department of Electronics & Communication Engineering, Ajay Kumar Garg Engineering College
(NBA & NAAC Accredited)
Address: 27th km Stone, NH-24, Delhi-Hapur Bypass, P.O. Adhyatmik Nagar, Ghaziabad – 201009, UP.
Phone No: 7290034976/78, 8744052891/92/93/94
Email: ece.akgec@gmail.com
Website: info@akgec.ac.in

ABOUT AKGEC

Ajay Kumar Garg Engineering College, Ghaziabad is affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow and is approved by All India Council for Technical Education. The College was established in 1998 and offers B.Tech. courses in seven disciplines of Engineering. The college also offers postgraduate course in Computer Application (MCA) and M.Tech in Automation & Robotics, Computer Science & Engineering, Electronics & Communication Engineering, Electrical Power & Energy Systems, Mechanical Engineering and VLSI Design. The College strives for academic excellence and imparts Engineering education to students with an aim to equip them with knowledge to face emerging challenges of the globalized economy.

The college has the distinction of being the only Engineering College in the state of Uttar Pradesh to have received approval from Department of Science & Technology, Government of India, for establishment of Centre of Relevance and Excellence (CORE) in the field of Automation & Robotics under the mission REACH of TIFAC. The college has also established India's first industrial robotics training centre in collaboration with Kuka Robotics, Centre of Competence in Automation Technologies with Bosch Rexroth and Lab-view Academy in collaboration with National Instruments.

ABOUT THE DEPARTMENT

Department of Electronics and Communication Engineering at AKGEC was established in 1998. The department provides an outstanding research environment complemented by excellence in teaching. Ever since its inception, the department has been a pioneering academic Centre for higher education, research, and innovation in all major areas of Electronics and Communication Engineering.

The Electronics and Communication stream represents two fastest growing technology areas in view of exponential growth taking place in the communication networks in the country. The department is organized in tune with these latest developments in terms of curriculum, well-qualified faculty and the state-of-the-art labs for B.Tech. course in Electronics & Communication Engineering along with M.Tech. course in Electronics & Communication Engineering. Intake of B.Tech. (ECE) course is 180 students and for the M.Tech. course it is 18 students. The department also has B.Tech. course in Electronics & Instrumentation Engineering which is running with intake of 60 students. The department has its technical society-Phoenix. The society organizes quizzes, technical seminars, mock interviews, aptitude tests and technical paper presentation etc. for the students.

AIM & SCOPE OF FDP

This program is focused for development of faculty members and students in Science and Engineering domain and primarily targeted at those who either are pursuing or planning to do research in the wide spread area of modern communication technologies. The main objective of the program is to inculcate the fundamental understanding of the concerned subject and to develop the technological capabilities of participants up to the state-of-art of ongoing research activities throughout the globe. This will help in enabling the participants to define a research problem and develop a suitable methodology for addressing the problem.

Communication is key to building relationships, and modern forms of communication allows us to stay in touch with friends and family from anywhere in the world. Today, modern technology dominates our communication. We have a massive range of ways in which we can stay connected, but each channel of communication can influence our relationships in a different way. In today's world, modern communication technologies play a vital role in information exchange which demands high speed data transfers, users' fast access to data, secure and reliable network protocols that too at low costs. Moreover, the ability to connect instantly and anywhere has made modern communication technologies more popular and successful.

The resource personnel for this Program are accomplished experts from organizations like ITU, ISRO, Space Applications Centre, BSNL, IITs, JMI, NSIT and DTU. The event will provide valuable exposure to the latest technological developments.

Ajay Kumar Garg Engineering College, Ghaziabad

Department of Electronics & Communication Engineering

Faculty Development Program

On

MODERN COMMUNICATION TECHNOLOGIES

13-17 January 2020

Registration Form

Name_____

Designation _____

Department _____

Organization _____

Address for Communication _____

_____

Phone No _____ **Email Id** _____

Signature of the Applicant_____ **Date**_____

Advance copy of registration forms may be sent through e-mail followed by a hard copy.