

**2018-19**

## **ANDROID APPLICATION DEVELOPMENT**

Five day FDP on **Android Application Development**, sponsored by Dr. APJ Abdul Kalam Technical University, Lucknow under TEQIP-III scheme, was organized by Department of Computer Science and Engineering during 4-8 February 2019. The FDP was conducted as an initiative to enrich the knowledge of faculty members through interaction with eminent personalities and resource persons from Industry and academia. Total 40 participants from Manglayam Institute of Technology, Greater Noida, G.LBajaj Institute of Technology, Greater Noida, Bhagwati Institute of Technology, Ghaziabad, Translam Institute of Technology & Management, Meerut and Ajay Kumar Garg Engineering College, Ghaziabad attended the FDP and got benefited.



## WIRELESS & MOBILE COMMUNICATION

Five day Faculty Development Program under **Technical Education Quality Improvement Program - Phase III (TEQIP-III)** on **Wireless & Mobile Communication** was conducted by **Department of Electronics and Communication Engineering** during **21-25 February, 2019**.

Various topics of interest were presented by academicians and professionals from the industry

<b>Session Description</b>	<b>Speaker Name</b>	<b>Affiliation</b>
Future of Mobile Networks : 5G & Beyond	Mr. Manjit Singh	Former President HFCL
Satellite Communication & Application.	Mr. Anil Kumar Nandra	Advanced Level Teachers Training Centre, Ghaziabad
Millimeter Wave Technology	Dr. ShwetaSrivastava	Prof in EC, JIIT, Noida.
Design & Development of Conformal & Reconfigurable UWB Antennas for wearable Applications	Dr. Narabada Prasad Gupta	Prof. ECE ABSEC Ghaziabad
Latest Trends in Solid & Microwave Technology	Mr. AmitTiwari	Project Manager, BEL
Recent Advancement in Antenna Technology	Dr. N. S. Raghav	Prof. in ECE, DTU, Delhi

Radio Resource Allocation in 2G, 3G & 4G	Mr. Vikas Nigam	Asst. Director, ALTTC Ghaziabad
Free Space Optical Communication: Channel Modeling and Analysis	Dr. Rahul Kaushik	Asst. Prof. ECE, Noida JIIT,
LYAPUNOV based stability for rate controlled on dynamic networks	Dr. PriyaRanjan	Professor, Amity University, Noida
Network Function Virtualization & Software Defined Networks	Dr. R. K. Mehrotra	Prof. Sharda University





## **ELECTRIC DRIVES AND HYBRID ELECTRIC VEHICLES**

Five day FDP on **Electric Drives and Hybrid Electric Vehicles** was organized by **Electrical and Electronics Engineering Department** during 14-18 January, 2019. The objective of the FDP was to expose participants about to the latest developments and status of the Hybrid Electric Vehicle and Electric Drive Systems and enhance the teaching skills in the related areas like hybrid energy, Electric drives, Power Electronics Systems, Control & Sensing technologies. The resource persons were drawn for leading institutes.

The FDP attended by 20 participants covered the following topics

<b>Speakers</b>	<b>Topics</b>
Dr. A. K. Jain Associate Professor (EE) IIT Delhi	DC Electric Drive
	AC Electric Drive
Dr. Bhupal Singh Professor & Head (EN) AKGEC	Autonomous Vehicle
Dr. A.K Rai	Role of Renewable Energy in Electric

Professor (EN) AKGEC	Vehicles
Dr. Mohit Bansal Professor & Head EN G.L.Bajaj Institute of Technology & Management Gr. Noida	All Electric Vehicle Challenges and Opportunity of Electric Vehicle Design
Dr. J.S. Lather Professor (EE) NIT, Kurukshetra	Hybrid Electric Energy-I Hybrid Electric Energy-II
Ms. Vani Bhargava Assistant Professor (EN) AKGEC	Power Electronic and Control of Electric Drives
Dr. J.G. Yadav Associate Professor (EN) AKGEC	Special Electrical Machine





## **MACHINE LEARNING AND DATA ANALYTICS WITH PYTHON**

Five day Faculty Development Programme (FDP) on Machine Learning and Data Analytics with Python was organized by Department of Computer Science and Engineering & Department of Information Technology in association with Electronics & ICT Academy, IIT Roorkee from 4 - 8 December, 2018. The FDP was conducted as an initiative to enrich the knowledge of faculty members through interaction with eminent personalities and resource persons from IIT Roorkee and Industry.

Total 42 participants from Orange Business Services, Gurugram; Wipro Technologies, Noida; Panjab University, Chandigarh; ABES Engineering College, Ghaziabad; KIET Group of Institutions, Ghaziabad; IMS Engineering College, Ghaziabad; I.T.S. Engineering College, Greater Noida; Noida Institute of Engineering and Technology, Noida; Prince Institute of Innovative Technology, Greater Noida and Ajay Kumar Garg Engineering College, Ghaziabad attended the FDP and got benefited. The resource persons included Dr. Sanjeev Manhas, Principal Investigator, E&ICT Academy, IIT Roorkee and Mr. Sriraman

Rajagopalan, Vowel Softech Pvt. Ltd. Dr. Partha Pratim Roy, Assistant Professor, CSE Department, IIT Roorkee delivered a Guest Lecture on Recent Trends in Machine Learning. Certificates of participation were awarded to the participants.







## **MICROELECTRONICS & WIRELESS COMMUNICATION**

Department of Electronics and Communication conducted five day FDP on **Microelectronics & Wireless Communication** from 02-06 July, 2018. The FDP facilitated to integrate knowledge based on digital electronics and logic design, fundamentals of communication engineering, electronic circuits, signals and systems, power electronics, E.M.T, IC, VLSI, control systems and computer architecture.

The topics of interest included Signal Processing, Image and Video Processing, Analog and Digital VLSI Design, Embedded Systems, Communication Engineering, Ad-Hoc Networks, Wireless Mobile Communication, Sensor Networks, Control & Instrumentation, Microwave Theory and Techniques

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