

2016-17

SATELLITE COMMUNICATION

Five day FDP on Satellite Communication was organized by Department of Electronics and Communication Engineering during 14-18 June, 2016.

Mr. V.P. Sandlas delivered talk on Satellite Communication: Evolution & Recent Trends during the inaugural session.

During the nine technical sessions, eminent experts from MTNL, ALTTC Ghaziabad, HFCL and prestigious universities shared their vision about the widespread field that will significantly affect the way future communication technology will shape.

S.No.	Session Name	Name of Speaker	Organization
1	Role of ITU in Spectrum Management for Terrestrial & Satellite Services	Dr. Ashok Chandra	D.Sc. Radio Communications
2	Satellite communication System Overview	Mr. Anil Kumar	ALTTC, Ghaziabad
3	TDMA Frame Structure	Mr. Awadh Nandra	Senior Test Engineer IDirect, USA
4	Applications of Satellite Communication	Mr. Awadh Nandra	Senior Test Engineer IDirect, USA
5	Satellite Launch & Rocket Recovery	Dr. R.K. Mehrotra	Professor Sharda University
6	High Altitude Aeronautical Platforms	Dr. Anuj Srivastava	Ex- Senior Level Executive Department of Telecommunications
7	Mobile Satellite Systems	Dr. R.K. Mehrotra	Professor Sharda University
8	5G is coming	Mr. Manjit Singh	Former President HFCL
9	Optimizing Satellite System	Mr. Abhijeet Upadhyay	Asst. Prof. AKGEC, Ghaziabad

VIRTUAL INSTRUMENTATION AND LABVIEW PLATFORM

Faculty Development Program on Virtual Instrumentation and LabVIEW platform was conducted by Mr. Annirudha Gautam, Mr. Apoorv Vats and Ms. Swati, Scientific Officers, during 9-10 September, 2016. The program was attended by faculty from Indraprastha Engineering College Ghaziabad, Anand Engineering College Agra and Babu Banarsi Das Institute of Technology Ghaziabad.

MICRO-GRID AND SMART GRID

Department of Electrical and Electronics Engineering conducted two day Faculty Development Program on Micro-Grid and Smart Grid during 23-24 September, 2016. The various sessions were conducted by subject experts from reputed Institutes.

Topic	Speaker
Power Quality Problems of Micro-Grid	Prof. M.P. Dave Professor Shiv Nadar University
Issues of Distribution Network with High Penetration of DGs	Dr. Bhavesh Bhalija Associate Professor IIT Roorkee
Distributed Generation System	Dr. Barjeev Tyagi Associate Professor IIT Roorkee
Micro-Grid Issues and Applications	Dr. Avik Bhattacharya Assistant Professor IIT Roorkee
Integration Problems of Renewable to Micro-Grid	Dr. Mohit Bansal Associate Professor ABES Ghaziabad

Twenty four participants including EN faculty and M.Tech students attended the FDP.

FACULTY DEVELOPMENT PROGRAM

on

Micro-Grid & Smart Grid



Department of Electrical & Electronics Engineering

23rd & 24th September

(Friday & Saturday), 2016

AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD



MANUFACTURING SCIENCE

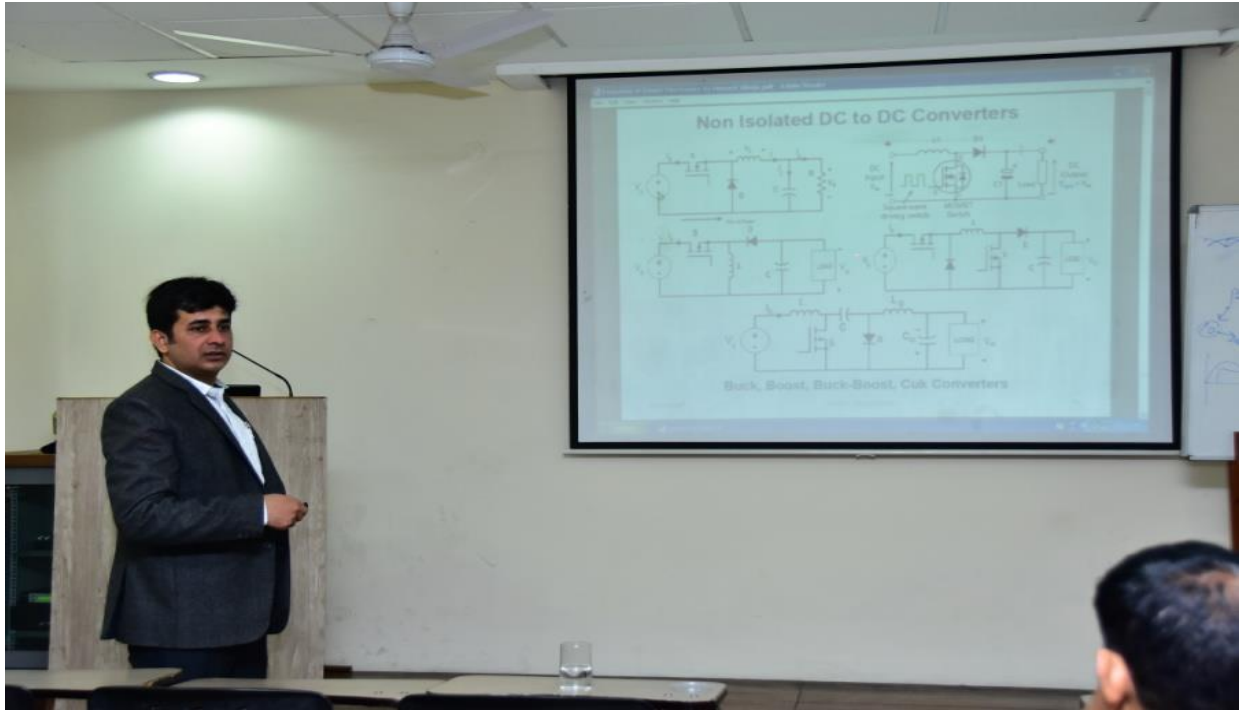
Two day Faculty Development Program on Manufacturing Science was conducted for faculty members of Mechanical Engineering Department on 25 February, 2017 and 17 March, 2017.

The resource persons for the FDP were Dr. Mohit Tyagi, Department of Mechanical Engineering, Delhi Technological University and faculty members Mr. Pallab Biswas, Dr. Dinesh Kumar, Dr. Som Ashutosh, Mr. Vikash Kumar, Ms. Pallavi Pant and Mr. Ashutosh Yadav from Department of Mechanical Engineering, AKGEC.

APPLICATIONS OF POWER ELECTRONICS IN POWER SYSTEMS

Three day FDP on Applications of Power Electronics in Power Systems was organized by Department of Electrical and Electronics Engineering during 15-17 March, 2017. Thirteen faculty members from the Department attended the program. The topics were covered by experts from other Institutes as well as senior faculty members from the Department.

Topic	Speaker
HVDC	Prof. M.P. Dave
Power System Stability	Professor Shiv Nadar University
Power Electronics Devices & Circuits	Dr. Hemant Ahuja Professor and Head ME ABES Engineering College
Power Quality Issues	Dr. A. K. Rai Professor ME AKGEC
Microgrid	Mr. Ravindra Kumar Assistant Professor ME AKGEC
Role of Power Electronics in Grid Integration	Ms. Vani Bhargava Assistant Professor ME AKGEC



EARTHQUAKE RESISTANT DESIGN OF STRUCTURES

Department of Civil Engineering conducted 8 day FDP on Earthquake Resistant Design of Structures during 3-10 July, 2017. Twenty three participants including

faculty, Ph.D and M.Tech scholars and consultants from IIT Delhi, DTU, EQD Noida, RKGEC Ghaziabad, MIET Meerut, MIT Moradabad and AKGEC attended the FDP. The topics were covered by experts from other Institutes as well as senior faculty members from the Department.

Topic	Speaker
A Seismic Analysis of Buried Pipeline	Dr. Prashant Mukherjee Prof. and HoD – Civil Engineering NIET Greater Noida
Seismic Design Consideration for Bridges	Mr. Jatinder Singh Pahuja Sr. Principal Consultant Tandon Consultant Pvt. Ltd.
Ductile Design and Detailing of Earthquake Resistant Structures	Dr. Sabih Akhtar Professor of Civil Engineering Aligarh Muslim University
Case Study of Earthquake and Revised Codal Provisions in IS 1893:2016	Dr. Shilpa Pal Faculty Gautam Budha University
Vibration of Two Degree Freedom System	Dr. B.B. Prasad Prof. and HoD – Civil Engineering AKGEC
Earthquake Resistant Structures	Dr. Santosh Kumar Singh Prof. and HoD – Civil Engineering KIET Ghaziabad
Structural Health Monitoring Using Piezo Sensors	Dr. T. Visalakshi Prof. and HoD – Civil Engineering Bennett University, Greater Noida

