



EEE Insider



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EVENTS AND ACTIVITIES HELD IN ELECTRICAL & ELECTRONICS DEPARTMENT

VOLUME-2

Complete Insider

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Overview:-

- Faculty Development Program
- Student Soft Skill Development Program
- Training On PLC-SCADA
- Formation of Cycling Club
- Power Point Presentation Contest
- Renewable Energy India EXPO
- Seminar and visit to NPTI, Faridabad



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Tallest & Biggest National Flag

The first unfurling of the tallest and biggest national flag in Greater Noida took place at GL BAJAJ campus. 36'*24' flag atop a 100' pole. The flag hosting was done by **Dr. Mahesh Sharma**, Honorable Minister of State (Ministry Of Tourism & culture) on 13th August 2016. In the patriotic environment students came to know about meaning of the colors in our flag.

"*Bhagwa* or the saffron colour denotes renunciation or disinterestedness. Our leaders must be indifferent to material gains and dedicate themselves to their work. The white in the centre is light, the path of truth to guide our conduct. The green shows our relation to (the) soil, our relation to the plant life here, on which all other life depends. The "Ashoka Chakra" in the centre of the white is the wheel of the law of *dharma*. Truth or *satya*, *dharma* or virtue ought to be the controlling principle of those who work under this flag. Again, the wheel denotes motion. There is death in stagnation. There is life in movement. India should no more resist change, it must move and go forward. The wheel represents the dynamism of a peaceful change."

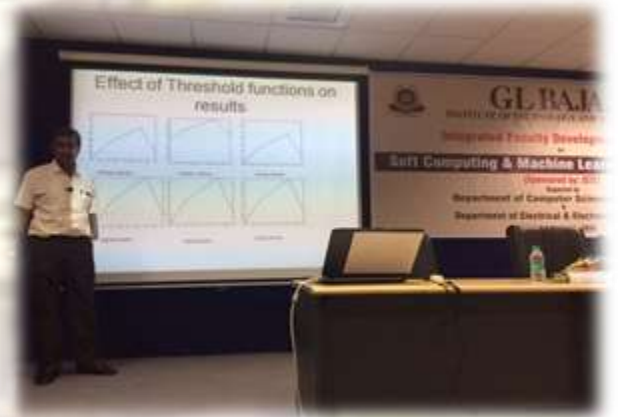


Faculty Development Program

A FDP on "**Soft Computing and Machine Learning Using MATLAB**" was organized from 8th to 13th July, 2016. The main topics covered were:-

- **Hands-on experience on MATLAB**
(By Dr. Ayush Goyal)
- **Introduction to Image processing Using MATLAB**
(By Dr. Ayush Goyal)
- **Soft Computing and Application in Power System**
(By Dr. Madan Mohan Tripathi)
- **Introduction to soft computing And its Application**
(By Prof. D.K.Chaturvedi)

Some of the major topics covered were Starting MATLAB, Mathematical operations and functions, array operations, control flow and operators, Debugging M-file code. Complete image processing knowledge using MATLAB such as image display, Point Processing, Spatial Filtering, Noise Modeling etc. are covered during the session along with an introduction to soft computing and its general applications as well as applications in power system.



"The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires." -William Arthur



Soft Skill Development Program

Training and development is a very important part of student's life. In soft skill program students got to know about every small point necessary during an interview, the behaviour to be followed during an interview. Also students learned way of using basic English in communication during an interview for those who are weak in speaking. Several other skills were also monitored in the program. This program helped students to develop confidence to face interview.

"Find your passion, learn how to add value to it, and commit to a lifetime of learning."



Training on PLC-SCADA

Today's industry works on a combination of man-machine interface both goes together to bring out the required task. Having knowledge of PLC-SCADA proves to be very useful. In industries many functions are carried out by PLC. So training was given to students which taught them many things such as making simple circuits for difficult programs, and how to make any system run with security using PLC.

"The purpose of training is to tighten up the slack, toughen the body, and polish the spirit." -Morihei Ueshiba



GL Bajaj Cycling Club

“Several new studies have found that cycling improves the way your brain works by making several important structures bigger so you can think faster, remember more, and feel happier”.

GL BAJAJ cycling club has been formed by EEE Department under guidance of **Dr. Jay Singh**. Club started on 23rd September, from the day club members on every Thursday use bicycle to visit GL Bajaj Campus. Major benefits of regular cycling include:

- Increased cardiovascular fitness
- Increased muscle strength and flexibility
- Decreased stress levels
- Improved posture and coordination
- Strengthened bones
- Decreased body fat levels
- Prevention or management of disease
- Reduced anxiety and depression



Renewable Energy India Expo

Students attended an event organized at India Expo Centre, Greater Noida on 9th September on Renewable Energy. Main fields of interest were

- Special Session by MNRE
- CEO Conclave
- Transforming Technologies
- Session on Smart City and Smart Grid
- Solar project finance and M&A outlook
- Major discussions on renewable sources utilization Under Make in India.



Power Point Presentation Contest

A Power Point Presentation Contest held on 27th September on “*Awareness on Environment and Ecology using Non-Conventional Tools (AEENCT-2016)*”

Salient features of the event-

1. Power point design
2. Presentation skills
3. Challenges in Environment and Ecology
4. Different kinds of tools to meet the challenges
5. Economic analysis of the tools
6. Impact of tools on society and environment



Top three participants were awarded and remaining participants were given participation certificate.

“The only way forward, if we are going to improve the quality of the environment, is to get everybody involved.” (Richard Rogers)

Seminar

A three days seminar (28th September-30th September) on “*Electric Transmission & Distribution System*” was organized. Session was conducted by representatives from NPTI, Faridabad. Salient features of seminar-

- Knowledge on **Generation, Transmission & Distribution system.**
- Importance of **renewable energy sources** for electricity generation.
- Electricity generation by **Wind Power AND Solar Technology**
- Working on **PVsys software** (A PC software package for the study, sizing, simulation and data analysis of complete PhotoVoltaic systems.)



- The seminar ended by visit to NPTI, Faridabad both for 2nd and 3rd year students.

Visit to NPTI, Faridabad

“National Power Training Institute (NPTI), organization under Ministry of Power, Govt. of India is a National Apex body for Training and Human Resources Development in Power Sector.”

Students got the opportunity to visit the Training Centre where they came across Gas Turbine Simulator (430MW) and Thermal Power Station Control Room Simulator (500MW).

The officials at the training centre told the students about a general overview of these plants, Also an arrangement for refreshments was made by NPTI itself.

The visit helped the students to get a overview of real life situations that may occur in working environment of such industries.

“Job training empowers people to realize their dreams and improve their lives.”-Sylvia Mathews

