



ELECTRIC FLASH

VOL 2, Issue 1 –JANUARY -
MARCH 2017

Vision of ECE Department

To produce skilled, socially –sensitized and globally competitive professional engineering graduates in the area of Electronics and Communication Engineering.

Mission of ECE Department

1. To provide quality and contemporary education through innovative teaching-learning process and effective resource utilization.
2. To develop responsive and socially sensitive engineer through research oriented practices.
3. To promote industrial collaboration for providing practical exposure leading to industry ready engineering graduates.
4. To open new vistas of learning for students through international collaborations.
5. To provide conducive environment through pre placement training and professional development activities for providing ample opportunities of placements, higher studies and entrepreneurship.

WORLD RADIO DAY

World Radio Day has been celebrated by the department of Electronics & Communication Engineering on 15th February, 2017 to remember

the unique power of radio as a medium to touch lives and a nexus among people to bring them together across every corner of the globe. This



event was the mixture of interesting and

entertaining technical, non-technical and cultural events. The technical events include Dirt Robo Race, Line Follower, Technical quiz, IETE Quiz, Rocket propulsion, Circuit designing, Programmers at war, Robo soccer, Lan/Mobile Gaming. The non- technical events include Online dubsmash video, Photography, Debate, Movie Quiz, Group discussion, Extempore, recycler. The programme was inaugurated by Director Admin. Er. A. C. Sharma, Director Principal Dr. B. Pattnaik, DSW Sh. Rajesh Hooda. The chief guest of the event was RJ Abhinav 98.3 FM, Anchor Shaffi and Station Head Ms. Tavneet Kaur. The main attraction event was Flash Mob that was held in our campus outside CBSA and ELANTE Chandigarh. The prize distribution was carried out by our chief guests.

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definition is: “Drone is any unmanned aircraft or ship that is guided remotely”.

RECENT TRENDS FLYING DRONES

Drones have been around for years, and they are



used for different purposes and can be of help in numerous occasions. However, these devices have become more popular in recent times and their application increases rapidly in various fields. But first of all, let's answer the main question: “what is a drone and how we can define it”. The word “drone” has several different meanings and its origins from old English word *drān*, *dræn*, which means ‘male bee’. When talking about a drone as an electric device, we think of missiles or a remote-controlled pilotless aircraft. So, what is a drone definition for this unmanned aerial vehicle? One of the most used definitions for drone is: “An unmanned aircraft or ship that can navigate autonomously, without human control or beyond the line of sight”. Another frequently used

ENTREPRENEURSHIP KNOWLEDGE



IEDC cell of CEC, Landran is organizing Entrepreneurship Awareness Camp (EAC) from 23/Feb/2017 to 25/Feb/2017. The programme consists of 12 sessions of one hour fifteen minutes each. In the program students learnt how to open a new Enterprise (Business), to arrange funds, to market the product and got a chance to interact with entrepreneur through an

Industrial visit. This was a one day event. The venue of that awareness Seminar hall of Block – 1 (CV Raman Block). The Chief Guest Dr.(Prof) B. Pattnaik(Director-Principal CEC, Landran) are also there and organized by the IEDC cell of CEC.

FLASHMOB 2K17

- “SOIL NUTRIENTS SUPPLIER”
- “SYSTEM AND METHOD FOR CAPTURING
-

- AND STORING CO2 FROM EXHAUST GASES”
- “SMART GARBAGE CONTROL SYSTEM AND A METHOD FOR THE SAME”.
- “SYSTEM FOR MONITORING STRUCTURAL HEALTH OF BUILDING” .
- “IOT BASED SMART SAFETY AND SOLAR HELMET”.

STUDENT EXCHANGE PROGRAM

- Divya (1503160) went to **Howest university, west Flanders, Markse steenweg, 58A (Belgium)** under student exchange program for attending Digital Creative Projects in Hands of Training on Digital Communication.
- Akanksha (1503101) went to **Howest university, west Flaunders. Markse Steenweg, 58 A (Belgium)** under student exchange program for attending Hands-on Training On digital communication projects and Project management software Skills.



IETE TECHNICAL QUIZ

Every year our college organizes a technical quiz to enhance technical skills for future reference. The venue of that technical quiz Seminar Hall Of Block – 1(CV Raman Block). The Event was one of day and attended by Students of MM University, Chitkara University, ACE ambala, CEC landran, Dr. Parveen, MsChanpreet, Mrs. Ritusharma, CEC landran on 13.02.2017. The quiz is organized by IETE, Chandigarh in CEC, Landran. The chief guest Sh. Surinder Saini & Dr. Neelesh, IETE Chandigarh were also there.

FLASHMOB 2K17



It is a part of World Radio Day Which is always celebrated by CGC Landran to show the talent event on Elante Mall – Chandigarh. The event was one day and attended by Dr. RuchiSingla, Dr. Parveensingla, Mrs. Ritu Sharma and Mrs. Chanpreetkaur, EPC members on 10.2.2017.

**“Education
powerful
weapon
CHANGE
THE WORLD”**

Research Publications

- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “International Journal of Engineering and Technology Innovation” in JANUARY 2017.
- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “IEEE Conference On FEBRUARY 2017.
- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “IEEE Conference on Emerging Devices and Smart Systems” on MARCH 2017.
- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “International Journal of Electronics, Electrical and Computational System(IJEECS)” On APRIL 2017.
- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “Springer -ICRAC 2017, LNNS springer book series-Lecture Notes in Networks and System” on MAY 2017.
- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “International Journal of Scientific and Engineering Research” on FEBRUARY 2017.
- “Analysis of Feature Extraction Methods for Speaker Dependent Speech Recognition” **under** “IJEGRS” on FEBRUARY 2017.

INTER State Event

- Robosoccer named event was held at IIT Delhi, from our college 4 students participated in this event and secured 1st position.
- Furry Road named event was held at IIT Ropar, from our college 2 students

participated in this event and secured 3rd position.

MESSAGE BY HOD



The Department has a team of highly experienced and motivated faculty members who are in the process of turning the young minds to make them globally competitive. Innovative methods of teaching and learning process are adopted to achieve learning abilities through practice, exposure and motivation. Department has excellent infrastructural and computing facilities and provides a conducive environment to promote academic and research excellence in the department. Above all, the entire teaching faculty of the Department of ECE and Engineering look forward

to the holistic growth of the department and they aim at doing something extraordinarily remarkable in the academic arena of Electronics & Communication Engineering.

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