

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.

ECE department organized Expert talk on Artificial Intelligence using Design Thinking by All Soft Solutions Private limited, Training Partner of IBM on 06.11.2020

The Institutional & Industry Interface cell of Electronics & Communication Engineering Department of Chandigarh Engineering College, CEC Landran organized expert talk on Artificial Intelligence using Design Thinking by All Soft Solutions Private limited, , Training Partner of IBM on 06.11.2020 for the students of 5th Semester virtually via webex mode. The lecture given a big exposure to all the students about the project on which IBM is working currently using the design thinking. The Lecture was given by Er. Ishaan Vaid of All soft solutions private limited, a business partner of IBM on the topic Artificial Intelligence using design thinking The speaker explained how MOOC, that goes into thorough detail on implementing AI apps, and its worth taking, as a career. The complete workflow and how to implement design thinking on AI projects, were discussed and shown by the speaker.



The use of design thinking by empathizing with the user, by generating multiple ideas in brainstorming sessions, prototyping, and then testing those ideas were discussed in the lecture. Further the discussion on main phases of the process i.e. empathise, define, ideate, prototype and testing were explained in detail. The lecture covered the workflow presented by IBM for AI projects in steps like Data collection, Exploratory analysis, Transformation & Modelling, Testing mode and what are the prerequisites for all of them.

The Students were able to know Basic & advance knowledge of Artificial Intelligence using design thinking.

*Recent trends **DRONE TECHNOLOGY***

Drones are excellent for taking high-quality aerial photographs and video, and collecting vast amounts of imaging data. These high-resolution images can be used to create 3-D maps and interactive 3-D models, which have many beneficial uses

ELECTROARC 2K20

ELECTROARC 2K20 (Kahoot Quiz and Idea Point)(Online) IS AN ONLINE QUIZ conducted by ECE for students of ECE on to enhance technical skills in the field of Electronics & Communication..

Students Participation

Ritwik Sahay participated in CODING NINJA Hire .0 Junior on 1 dec2 020.

Raunak scarlet won 1st position in chess competition on Punjab level organized by MPL



Harsh Chugh participated and won 1st position in powerlifting(all India interuniverst) at Chandigarh powerlifting Association Sec42 Chandigarh.

Harsh Chugh participated in Raunak scarlet participated in powerlifting(all India interuniverst) at KC College MUMBAI

PATENTS FROM ECE DEPARTMENT

S.No.	Student Inventor (s)	Title of Invention	PIE NO
1	Diksha Sharma,Saksham Jaswal,Supriya,Charu Rajput,Charu Rajput	Wireless water Surveillance	PIE 806
2	Aditya , Charu	Healthlet	PIE 807
3	Pulkit, Abhishek jain, ragya,pooja	COVID-19 E-PASS.	PIE 808
4	Ankur	Voice controlled Dual Sanitizing Bin	PIE 796

FACULTY ACHIEVEMENT

Where our students never fail to surprise us with their achievements, our faculty is no different! Their outstanding contributions for the college and students are abundant and thus, our faculty member Dr. Parveen Singla, Professor from Electronics and Communication Department of Chandigarh

Engineering College, Landran has been conferred with National Innovative Educator Award 2020 for his contribution in organising innovative events for the students.

Institute of Organized Research (I2OR) is an International Institute for Research and Development that confers these awards to promote various domains related to Education and Research around the globe to make it easily accessible to the persons who exhibit exceptional performance in the respective award categories.



National Innovative Educator Award 2020

I2OR National Awards 2020

Dr. PARVEEN SINGLA

Punjab

NATIONAL INNOVATIVE EDUCATOR AWARD 2020

An Initiative of I2OR Academy

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RESEARCH PUBLICATIONS

- Performance And Analysis of Covid-19 In India For Spreading -A Mathematical Approach published in European Journal of Molecular & Clinical Medicine.

MESSAGE BY EDITOR

Usually we fail to appreciate the good deeds of many people and activities that happen around us as we are engaged in irrelevant talks and assumptions. It could all change if we just pause to think of what is our contribution to the society from which we have been gifted with this blessed life. The progress of the society is mainly depends on many people who are working behind the scenes, overtime round the clock planning things to the smallest. This newsletter will be a medium to provide proper acknowledgement and respect all of these efforts and its results.

Sincerely,

Chief Editor: Ms Ashima Kalra

Editor: Ms. Aanchal Gupta

Student Editor: Mahima, Tarishi



ELECTRIC FLASH

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