



## **EDITOR'S COLUMN**

The Departmental Newsletter will definitely help to showcase the activities that have been occurred in the department. It also helps in building up teamwork which is very much needed in today's competitive world. It provides a platform for exposing the merits and academic achievements of faculties and students. This enhances the documentation culture of the institute. This would definitely create a powerful impact on the minds of readers by providing larger visibility and dimensions to the campus. We hope that this culture of releasing newsletter continue forever and become a quoted example for other educational institutes to follow.



**Editor in chief**  
**Mr. Pawan Nain**

## ***Vision of the Department***

- ❖ To emerge as centre of quality education for creating competent mechanical engineers catering to the ever-changing needs of industry and society.

## ***Mission of the Department***

- M1** To provide quality education by constantly updating departmental resources and using effective teaching learning methodology.
- M2** To promote research practices in the field of mechanical engineering in pursuit of academic excellence and for the benefit of society.
- M3** To establish industrial collaborations for imparting contemporary knowledge to keep pace with the technological challenges in the interdisciplinary and core areas of mechanical engineering.
- M4** To provide opportunities to the students for global exposure through international collaborations.
- M5** To nurture students through pre-placement training programs to succeed in campus placements and to provide guidance for entrepreneurship and higher studies.

## ***Program Educational Objectives (PEOs)***

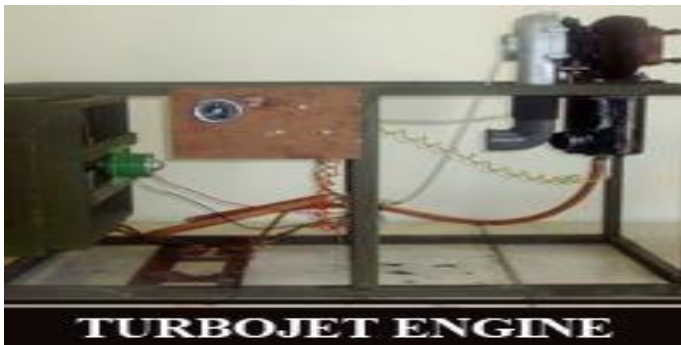
### **Mechanical Engineering graduates will be able to:**

- PEO1:** Develop dexterity to analyze and synthesize data and technical concepts for design, development and manufacturing.
- PEO2:** Meet the present needs of industry effectively.
- PEO3:** Embrace multidisciplinary view with an ability to work diligently as leader /team member on various projects with a focus on the economic, environmental and social feasibility of the project.
- PEO4:** Exhibit communication skills along with mathematical and scientific fundamentals to excel in various career related aspects.
- PEO5:** Engage in continuous self-improvement, personal enrichment and professional ethics through lifelong learning.

## **Educational Trip” to Pushpa**



One day “Educational Trip” to Pushpa Gujral Science City, Kapurthala was organized for the Department of Mechanical Engineering students of CEC. Students were guided by Dr. Rajdeep Singh about the growth of science & technology, for enhance student’s prior knowledge about the visit. The main objective of this educational trip was to aware the students about the live science projects that are presently under consideration and observations are going on. The important projects of its kind in Northern India, the Science City occupied 72 acres of land in the of heart of Punjab, in Jalandhar- Kapurthala. It is intended to encourage the scientific aptitude & temperament, to fire the imagination and creativity to promote the spirit of investigation and exploration of new things Especially in the young minds.



TURBO JET engine made by a student from department of mechanical engineering of CEC landran which is propelled by propane. The engine has the capability of producing great thrust and engine also has some new features. College gave a great exposure to that student for his project

## **QUIZ COMPETITION 2017**

‘Quiz competition’ was organized by Mechnorobs club of Mechanical Engineering Department of CEC on October 13, 2017. In preliminary written test 20 groups were participated comprising of 3 students in each group. Participation was from second and third year students. Seven groups were selected for the second round consisting of current affairs and technical questions. Out of the 7 groups from second round four groups were qualified for the last round. The winners were team-A, team-D and team-C with first, second and third position respectively.



## AUMENTO FESTIVAL

'Aumento' - envisioned with an idea to nurture technological innovation which would be later capable of commercialization. This competition was a platform for students to display highly innovative technical projects, the best of which was selected for consultation and assistance to be provided by the Innovation & Entrepreneurship Development Centre of Chandigarh Engineering College. This was conducted in two phase mentor and project display.

## Industrial Visits

Semester	Group with no. of Students	Date of Visit	Place of Visit	Faculty
4th	CD (44)	3/10/2017	GGSSSTP, Ropar Thermal Plant	Ravinder Singh & Tavinderpal singh
5th	IJ & KL (42)	26/10/2017	N.R ,jagadhari (Haryana)	Manjeet singh & Baljinder singh
6th	AB (42)	26/10/2017	DMW , Patiala (Punjab)	Dilpreet singh

DATE	TOPIC	SPEAKER	ORGANISATION
12.10.2017	Manufacturing Excellence	Er. Sanjeev Kumar Gupta	ISUZU Ltd
13.10.2017	Robotic Manipulators	Dr. Harmesh Kansal	UIET, Chandigarh

## ACHIEVEMENTS

Hardiq Verma, Diwakar Sharma and Ravikant from Mechanical engineering department participated in the IEDC (INNOVATION AND ENTREPRENAURSHIP CELL) program which includes presentation of the different innovative ideas along with the scope of the startups. The team got 1 lakh grant from the DST and IEDC for the working on their prototype. They got 2<sup>nd</sup> position in this event.



# GALLERY



**AIR ENGINE**



# CHANDIGARH GROUP OF COLLEGES

Building Careers. *Transforming Lives.*



It is the mark of an educated mind to be able  
to entertain a thought without accepting it

Aristotle