



## EDITOR'S COLUMN

The department Newsletter will definitely help to showcase the activities that are happening in the Department. It also helps in building up teamwork which is very much needed today in the world of competition. It provides a platform for exposing the merits and academic achievements of the faculty and students. This enhances the documentation culture of the institute. This would definitely create an impact in the minds of readers, by way of providing larger visibility and dimension to the campus. I hope that this culture of releasing Newsletter continue forever and become a quoted example for all other colleges to follow.



Editor's 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.

## Debate competition

The club 'Mechnorobs' of department of mechanical engineering organised a debate competition on January 21, 2018 on the topic, "India's ability to be the world power". India has been witnessing many ups and downs since Harappa civilization, Mesopotamians, Mughals, British rule to independent India. Our country was called "The Golden Bird." The land of great kings like Akbar, the land of gargantuan culture still with the boon of unity with diversity is jinxed. So the topic commemorates the past, present and future of India and lets the developing young brains to strongly think on it.



Sr. No.	Winner
1.	Taranvir
2.	Vikrant Katoch
3.	Paramvir
4.	Rajvardan

## Workshops & Expert Talks



The departmental society "society of Futuristic Mechanical Technology" organized a one day workshop on "4 stroke single cylinder engine". The conducting body of this workshop is HONDA. The experts from HONDA delivered lecture on the "engine design and automobile" in the morning session and at evening session there was practical session in which the engine was disassembled and practical information was provided to participants by the experts. In end certificate ceremony was organized by the organizers in which participants were rewarded with the certificates for their valuable participation.

Name of Event	Date of Event	Resource Person	Faculty Coordinator	No. of Participants	Venue
Expert Talk On ANSYS	28 Feb,2018	Mr. Kaliash Parkash MD Parametric CAD Tech Chandigarh	Mr.Sandeep Singh Sangwan	25 students	Seminar Hall, ME Deptt. CEC
Live interactive session on Metal Cutting and Machine Tools	15 March , 2018	Asimava Roy Choudhury, Prof. IIT Kharagpur r	Mr. Tavinder Pal Singh , Mr. Gurkirat Singh	80 students	Seminar Hall, Block-II, CEC, Landran
Workshop on Solid Works	09-10 March,2018	Mr. .Himanshu Design Engineer Research and Development Centre SML ISUZU	Mr.Sandeep Singh Sangwan	30 students	CAD Lab ME Deptt. CEC, Landan
Expert talk on Applications of Numerical Methods in Engineering	15th February 2018	Dr.Vinay Kanwar, UIET	Mr. Taljeet Singh	6th Semester	Seminar Hall, Block-II, CEC, Land
Expert talk on Metal Forming"	13th February 2018	Dr.Harmesh Kr Kansal, UIET	Mr. Taljeet Singh		
Expert Talk On "ANSYS"	28 Feb,2018	Mr. Kaliash Parkash MD Parametric CAD Tech Chandigarh	Mr. Sandeep Singh Sangwan	8 <sup>TH</sup> SE M	Seminar Hall, Block-II, CEC, Land

## Patents

	Name of Mentors	Title/Project Name	Date of Patent Filing	Year of Filling	Patent Number	Granted/Provisional
1..	Dr. LC Singal	Radiation Shield For Furnace With Radiator Cooling	06.03.2018	2017-18	201811008297	Complete Filled

## ACHIEVEMENTS

Team – Neophytes from department of mechanical engineering participated in the Indian karting series season 2 at Vishakhapatnam. Team got 2<sup>nd</sup> position in the event and received Rs 1, 20,000 from the event. Team cleared technical inspection first, then team cleared all the tests including autocross, skid pad, egress, brake test, acceleration test. In the end team qualified for the endurance and they got 1<sup>st</sup> position in endurance as well as got 2<sup>nd</sup> rank in the event out of 80 teams. The team represents the college at national level. The students from 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year participated and got to know about the automobile designing, manufacturing as well as testing also. Team mentor – Mr. Bhupinder Singh helped a team to accomplish their missions and targets in this event.



Gavakshit Verma of 4<sup>th</sup> semester from department of mechanical engineering won the 1<sup>st</sup> prize along with cash prize Rs 25000/- in Annual techno fest 2018 which was held at 2-3<sup>rd</sup> February 2018 at CGC Landran. He designed and fabricated an Ambulance drone which was granted by innovation and entrepreneurship development cell. He received a grant of Rs 1 lakh from IDC CELL. He won many events at national as well as at international level. He flourished the fame of the college.

Hardiq Verma from department of mechanical engineering got astonishing as well as outstanding achievement. He got featured in the final list of 33 students among 2.5 lakh engineers' participants under ET campus Stars program. He considered to be the top 33<sup>rd</sup> brightest engineer in India. He filed 10 patents during his graduation as well as he was also a top student of mechanical engineering department with good academic records.

## BRIGHTEST ENGINEER

*Congratulations!*

ME student, Hardiq Verma, got featured in the final list of 33 students among 2.5 Lakh Engineer participants under ET Campus Stars program



## Gallery

