

# Mechanotimes

## NEWSLETTER (2018-19)

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The purpose of an educational institution is best attained when its students perform beyond the requirements of syllabi and extend their sphere of activity outside the confines of the classroom. It was a season of workshops at our institution during this period – an attempt to raise the limits of knowledge regarding the processes that inform the practitioners of technology. The campus is once again excited to welcome another batch of fresher's to its bosom, for four years of academic pursuits, creativity and success.



**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.

## Expert Talks

1 Day NC-Part programming workshop under ASME Organized by: Department of Mechanical Engineering, CEC Landran.

A workshop under ASME was organised on CNC part programming by and Experts from CADDESK. The Workshop was conducted in two sessions.

1. Seminar/Lecture session (1:30 Hours)

2. Practical/Lab session (2:00 Hours)

In both session, Mr. Rahul, Sr. Consultant, CADDESK delivered CNC

part programming basic from scrap to intermediate level. 50 Students of Mechanical Engineering (5 th Sem) attended this workshop.



Department of Mechanical Engineering is willing to have an expert lecture talk from an Industrial Expert Mr. Jaskaran Singh Saini from “Mothersons Private limited”, Noida (NCR) on 01.10.2018 (Monday). The topic of the lecture will be “Advanced Tooling “. You are requested to approve the proposal.

## THRUST2k18....Celebrating Engineers Day

Mechanical Engineering department organized “THRUST2k18....Celebrating Engineers Day” on 4<sup>th</sup> October 2018. It was a visage of both technical and non-technical events. The Technical events comprised of Weld Master, Hammer Strike, Engineers Eye, CAD Modelling and Project Display. Non technical events included Dare to do, Quiz, Sketching, LAN Gaming, Cross Fitness. The students enthusiastically participated in the events. The winners were felicitated with trophies, cash prize and certificates. Dr Vikas Dhawan, Director Principal, CEC complimented the Mechanical Engineering department for organizing such an event. And Mr Sudeep Singh, Founder and Business Head North, IT enablement and Business Intelligence Firm was the Guest of honour.



## INDUSTRIAL VISIT



### **Students from Department of Mechanical Engineering (3<sup>rd</sup> semester) visit at NDRI, KARNAL**

Mechanical engineering department organized an educational visit for 55 students of B.Tech ME 2nd year to NDRI Karnal on October 12, 2018. The objective of the visit was to learn about fundamentals of Refrigeration and Air-conditioning. In this visit the students were able to know about vapour compression refrigeration cycle and how various components of refrigeration system worked. The overall visit gave vital knowledge to the students which will be beneficial for their academics as well as professional career. Through this educational visit students got to know about how milk is processed and preserved with different refrigeration methods.

# ACHIEVEMENTS

The students from department of mechanical engineering (2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> year) participated in the SAE EFFICYCLE 2018 event which was held on 9-oct-2018 to 13-oct-2018. The event was on racing competition and technical design evaluation. There were effective as well as successful participation of students in this event. They represent our college at national level competition.



“B-STARTERS” Is an innovative and entrepreneurship event conducted by the CGC landran for the students to showcase their innovative ideas as well as business ideas to promote innovations and entrepreneurship awareness among the youth. The students from department of mechanical engineering showcase their innovative ideas as well as the startups approach. Mohd. Jafar, Naman Goyal, Mohit Kumar Mishra and Mrityunjay Vashishtha won 1<sup>st</sup> position and got grant of 1 LAKH From DST As well as government for project. The great and astonishing success achieved by the students flourished the fame of the department as well as the college.

# GALLERY

