

Glimpse

SESSION JULY 2016 - DECEMBER 2016

DEPARTMENT OF MECHANICAL ENGINEERING



WORKSHOPS



**FACULTY DEVELOPMENT
PROGRAM**



SESSIONS & CONCLAVES



EXPERT LECTURES



OTHER EVENTS

WORKSHOPS

ICT Workshop on "Preparing Students for Job Interviews"

- Organized by NITTTR.
- 12th August 2016.

Workshop on "Racing Car Design"

- organized by Winginfotech in association with IIT Madras.
- 26th to 27th August 2016.

Workshop on "CREO and ANSYS"

- organized by Nexus Training Institute, Pune.
- 1st - 3rd September 2016

ICT Workshop - II on "Preparing Students for Job Interviews"

- Organized by NITTTR, Chandigarh.
- 9th September 2016

AUTOKRITI 8.0

- organized by SAE Collegiate club NIT Kurukshetra.
- 2nd-6th Oct. 2016.

ICT Workshop-III on "Preparing Students for Job Interviews"

- organized by NITTTR Chandigarh.
- 7th October 2016.

Workshop on "Andro- Engine"

- organized by by Techtron Technologies in association with IIT Hyderabad.
- 14th to 15th October 2016.

MPD WORKSHOP

- organized by DCE,gurgaon.
- 21-22 Oct. 2016

Workshop on GATE

- organized by DCE,Gurgaon.
- 22nd November 2016

ICT Workshop on "Preparing Students for Job Interviews"



A workshop on "Preparing Students for Job Interviews" was organized at Dronacharya College of Engineering, Gurgaon in collaboration with NITTTR Chandigarh through ICT on 12th August 2016. Final year students from ME Department attended the workshop. Dr. P.K. Tulsi, Head & Dean, R&D, NITTTR Chandigarh explained about effective ways to tackle an interview.

Workshop on "Racing Car Design"



Workshop on Racing Car Design was conducted by Winginfotech in association with the IIT Madras from 26th to 27th August 2016. Dronacharya College of Engineering, Gurgaon hosted the event as a Zonal Center of "Utkraanti 2017" a national level technical festival organised by IIT Madras.

Total 66 students from Mechanical Department attended the workshop. The aim of the workshop was to generate awareness on the various problems arises during design of a RACING CAR.

Workshop on "CREO and ANSYS"



Mechanical Department and SAE club of Dronacharya College of Engineering in association with Nexus Training Institute, Pune organized a 3 day workshop on Creo 3.0 and Ansys 14.5 software which was held from 1st - 3rd Sept, 16. It was a hands on workshop where every student was provided with both the software.

ICT Workshop II on "Preparing Students for Job Interviews"



A workshop on *"Preparing Students for Job Interviews"* was organized at *Dronacharya College of Engineering, Gurgaon* in collaboration with *NITTTR Chandigarh* through *ICT* on *9th September 2016*. students from ME Department attended the workshop.

The welcome address and the introduction was given by *Dr. P.K. Tulsi, Head of the Department of Education and Educational Management, NITTTR, Chandigarh* in which she discussed the various demands of IT Industries for hiring fresher's.

AUTOKRITI 8.0



SAE Collegiate club NIT Kurukshetra organized a workshop on **HONDA CITY IVTECH AND AUDI A4, V6 ENGINE FULL OVERHAUL** from **2nd-6th Oct. 2016**. 41 students from **DRONACHARYA COLLEGE OF ENGINEERING** participated in this workshop. The students were briefed by the small concepts, the way the company tackles the problem, the working of engines, suspension, designing for steering, design for brake and the vehicle design.

ICT Workshop-III on “Preparing Students for Job Interviews”



With an aim to make the students placement ready, a one day workshop on **“Preparing Students for Job Interviews”** was organized at **Dronacharya College of Engineering, Gurgaon** in collaboration with **NITTTR Chandigarh** through ICT on **7th October 2016**. Students from ME Departments attended the workshop.

Workshop on "Andro-Engine"



A Workshop on **Andro-Engine** was conducted by **Techtron Technologies** in association with the **IIT Hyderabad** from **14th to 15th October 2016** hosted by **Dronacharya College of Engineering, Gurgaon** as a Zonal Center of "**ELAN- 2017**", a national level technical festival organised by IIT Hyderabad. Total **45 students** form **Mechanical Department** attended the workshop. The aim of the workshop was to generate awareness on the various problems arises during design and manufacturing Andro-Engine.

MPD WORKSHOP



Faculty coordinators and students of 7th semester of ME department organized Multiple Project Demonstration (MPD) workshop from 20th to 21st October. The aim of the workshop was to motivate and guide the students(2nd year) for great proficient events like BAJA, SUPRA, Efficycle, Powerdrift, Ultra Golf Kart Championship (UGKC) etc. in further coming years during their Journey of B. Tech. course. Total 55 students from 2nd year Mechanical Dept. attended the workshop.

Workshop on GATE



A workshop on GATE was organised by Mechanical Engineering Department on 22nd November 2016. The key speaker of the workshop was Prof. Vikas Slaria (Author, TMH Publications). The main objective of the workshop was to motivate the pre-final year students and guide the final year students for GATE. More than 45 students and 05 faculties from Department of Mechanical Engineering participated in this workshop.

FACULTY DEVELOPMENT PROGRAM

Workshop on Basics of IPR and Commercialisation of Technology for Start-ups and Incubates

- Organised by CII in collaboration with Ministry of MSME Government of India.
- 8th July, 2016

FDP by IIT Bombay on “Use of ICT in Education for Online and Blended Learning”

- Organized by IIT,Bombay.
- 2nd May 2016 - 10th July 2016

Entrepreneurship Educator Program by NEN

- organized by NEN
- 13th - 15th July 2016

Workshop on Basics of IPR and Commercialisation of Technology for Start-ups and Incubates



CII in collaboration with Ministry of MSME Government of India organised the workshop on basics of IPR & Commercialisation of Technology for Start-up and Incubates held on 8th July, 2016 in New Delhi. The objective of workshop is to educate start-up and incubates the basic rights of IPR filing, its importance and registration process.

Mr. Anil Kumar Gillawat (HOD Mechanical), Mr. Vineet Kumar Mishra (Coordinator R&D) and student of Dronacharya College of Engineering, Gurgaon attended the program.

FDP by IIT Bombay on “Use of ICT in Education for Online and Blended Learning”



To enhance the effective usage of ICT effectively for online and blended education, **Indian Institute of Technology, Bombay** organized Four Week AICTE approved FDP on “Use of ICT in Education for Online and Blended Learning” from **2nd May 2016 - 10th July 2016**. The workshop was conducted under T10kT project of NMEICT initiated by IIT Bombay in association with **Ministry of Human Resource Development (MHRD), Govt. of India**. Faculty members from ME department of Dronacharya College of Engineering, Gurgaon attended the Faculty Development Program.

Entrepreneurship Educator Program by NEN



A three day *Faculty Development Program* on *Entrepreneurship Educator Program* was organized by NEN from **13th July 2016** to **15th July 2016** at **JIMS, New Delhi**. **Mr. Gajanand**, Assistant Professor, Department of Mechanical Engineering from **Dronacharya College of Engineering Gurgaon** attended the *Faculty Development Program*.

The objective of FDP is to provide in - depth knowledge of entrepreneurship through its basic concepts and knowledge such as Idea Generation, Opportunity Evaluation, Business Model and Business Plan.

SESSIONS & CONCLAVES

QEEE Sessions on Shear Force and Bending Moment Diagram

- conducted by Prof. Nirjhar Dhang, IIT Kharagpur
- 9th, 10th and 12th August 2016

QEEE Sessions on Applications and Concepts of Thermodynamics

- conducted by Dr. S.R. Kale, IIT Delhi.
- 10th- 12th August 2016 .

QEEE Sessions on Law of Thermodynamics

- conducted by Dr. S.R. Kale, IIT Delhi.
- 29th – 31st August 2016

QEEE Sessions on Vibration - Theory of Vibration / Dynamics of Machines / Theory of Machines / Structural Dynamics

- conducted by Prof. Abhijit Sarkar, IIT Madras.
- 30th Aug., 2nd & 6th September 2016.

QEEE Sessions on Applications and Concepts of Thermodynamics

- conducted by Dr. S.R. Kale, IIT Delhi.
- 28th – 30th September 2016 .

12th FICCI Higher Education Summit

- organised by FICCI, New Delhi
- 10th-12th November 2016

QEEE Sessions on Shear Force and Bending Moment Diagram



Three QEEE Session on Shear Force and Bending Moment Diagram was conducted by IIT Madras on 9th, 10th and 12th August 2016 under D2S (Direct to Student) Program. The sessions were conducted by Prof. Nirjhar Dhang, IIT Kharagpur.

The sessions were attended by 61 final year students of Mechanical Engineering Department which was organized at Dronacharya College of Engineering, Gurgaon and coordinated by Vijay Raj Piliaia (Assistant Professor, ME Department).

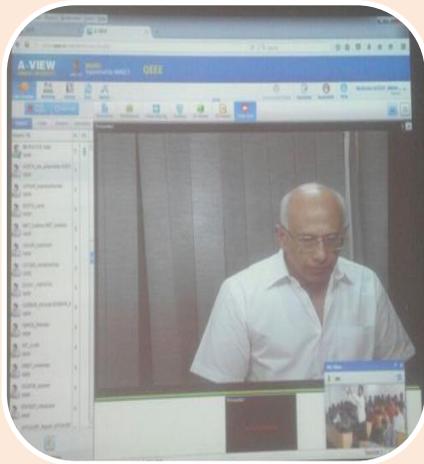
QEEE Sessions on Applications and Concepts of Thermodynamics



Three QEEE Session on Applications and Concepts of Thermodynamics was conducted by IIT Madras on 10th- 12th August 2016 under D2S (Direct to Student) Program.

The sessions were conducted by Dr. S.R. Kale, Department of Mechanical Engineering, IIT Delhi. The sessions were attended by 61 students of 3rd, 5th and 7th semester Mechanical Engineering Department which was organized at Dronacharya College of Engineering, Gurgaon.

QEEE Sessions on Law of Thermodynamics



Three QEEE Sessions on law of Thermodynamics were conducted by IIT Madras on 29th – 31st August 2016.

The sessions were conducted by Dr. S.R. Kale, Department of Mechanical Engineering, IIT Delhi. The sessions were attended by 60 students of 3rd semester Mechanical Engineering Department which was organized at Dronacharya College of Engineering, Gurgaon.

QEEE Sessions on Vibration - Theory of Vibration / Dynamics of Machines / Theory of Machines / Structural Dynamics



Three QEEE Session on Vibration - Theory of Vibration/Dynamics of Machines /Theory of Machines /Structural Dynamics was conducted by IIT Madras on 30th Aug., 2nd & 6th September 2016.

These sessions were attended by 60 students of 7th semester Mechanical Engineering Department which was organized at Dronacharya College of Engineering, Gurgaon. The sessions were delivered by Prof. Abhijit Sarkar, Department of Mechanical Engineering, IIT Madras

QEEE Sessions on Applications and Concepts of Thermodynamics



Three QEEE Session on Applications and Concepts of Thermodynamics was conducted by IIT Madras on **28th – 30th September 2016** under D2S (Direct to Student) Program.

These sessions were attended by 64 students of **3rd and 5th semester Mechanical Engineering Department**. which was organized at Dronacharya College of Engineering, Gurgaon. The sessions were delivered by **Dr. S.R. Kale**, Department of Mechanical Engineering, **IIT Delhi** and in these three sessions he covered basic terms of thermodynamics.

12th FICCI Higher Education Summit



The Federation of Indian Chambers of Commerce & Industry (FICCI), New Delhi in partnership with Ministry of Human Resource Development (MHRD) and Ministry of Commerce and Industry, Government of India, organised **12th FICCI Higher Education Summit 2016**, a three days global Conference and exhibition from **10th - 12th November 2016** at Vigyan Bhawan, New Delhi. **20 Students of ME** participated in the event.

EXPERT LECTURES

Expert lecture on CFD Fundamentals

- Given by Mr. K. Singh, Founder & Director, TSERC-Training Division, Delhi
- 30th August 2016.

Expert lecture on CFD Fundamentals



ISTE Student Chapter of Dronacharya College of Engineering, Gurgaon organized an expert lecture on CFD Fundamentals on 30th August 2016. The keynote speaker for the session was Mr. K. Singh, Founder & Director, TSERC-Training Division, Delhi.

50 students of final and pre-final year and 2 faculty members Mr. Vineet Kumar Mishra and Mr. Sunil Mehra, from Department of Mechanical Engineering attended in the workshop. The main objective of the workshop was to motivate the final year students for choosing project in the field of Computational Fluid Dynamics.

OTHER EVENTS

**Summer School Workshop
on Basics of AutoCAD &
SolidWorks**

• 11th to 15th July, 2016

Run For RIO Khelo or Jio

• 31st July 2016

**Three Days Advanced
Industrial Automation
Training on “Human
Machine Interface”**

• 9th - 11th August 2016

**75th CSIR Foundation
Day at CSIR - National
Physical Laboratory**

• 27th September 2016

**Faculty & Student Meet
with President of SAE
International USA**

• 21st October 2016

Summer School Workshop on Basics of AutoCAD & SolidWorks



Mr. Vikas Sahu, Mr. Amit Narwal, Mr. Vijay Raj Pilonia and Mrs. Manjari Saxena Assistant Professor, Mechanical Engineering Department, DCE Gurgaon) organized Summer School Workshop on Basics of AUTOCAD & Solid Works from 11th to 15th July, 2016 in the college campus. 17 students actively participated in the summer school.

RUN FOR RIO KHELO AUR JIYO



Sports Authority of India, Ministry of Youth Affairs and Sports has organized "Run for Rio - Khelo or Jiyo" on 31st July 2016 at Major Dhyan Chand National Stadium, India Gate, New Delhi. NSS Program Officer, 02 Faculty coordinators and Students from ME Department of Dronacharya College of Engineering Gurgaon have participated in Run for Rio Khelo Aur Jiyo.

Three Days Advanced Industrial Automation Training on “Human Machine Interface”



SAE club of Dronacharya College of Engineering, Gurgaon in association with Indwell Automation, Pune organized three days advanced industrial automation training on “Human Machine Interface” from 9th - 11th August 2016. The objective of the workshop was to make the student familiar with the technologies used in modern industries. 52 students attended the training.

75th CSIR Foundation Day at CSIR - National Physical Laboratory



The *75th CSIR Foundation Day* was celebrated at *CSIR - National Physical Laboratory, New Delhi* on *27th September 2016*. *Mr. Amit Bhatia Assistant Professor (ME)* along with 30 students from *Dronacharya College of Engineering, Gurgaon* attended the open day.

The objective of the visit was to involve the students in NPL research activity where they got a chance to meet experts of diverse fields, especially in Micro / Nano Electronic related Scientist & Technocrats.

Faculty & Student Meet with President of SAE International USA



Mr. Amit Narwal and Mr. Vineet Kumar Mishra, Assistant Professor, Department of Mechanical Engineering, from Dronacharya College of Engineering, Gurgaon attended the Program on *21st October 2016* at *Manav Rachna International University*. This event also comprised of a workshop on *Alternate Fuels for Reduced Import Dependence and Environment Protection*.