

Glimpse

SESSION JULY 2015 - DECEMBER 2015

DEPARTMENT OF MECHANICAL ENGINEERING



Workshops



Faculty Development Programs



Industrial Visits



**Summits /
Conferences**



Other Events

WORKSHOPS

Workshop on Schemes and Grants

- Organized by COIN
- 3rd September 2015

**National Workshop
“AUTOKRITI 7.0 2015”**

- Organized by SAEINDIA
- 25th to 29th October, 2015

Workshop on “Virtual Labs”

- Conducted by IIT - Delhi
- 4th November 2015

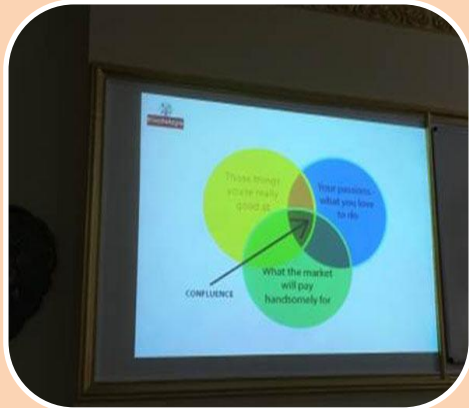
**Workshop and competition
on “QuadCopter”**

- Organized by Robosapiens Technologies Pvt. Ltd
- 5th – 6th November 2015

**Workshop on “Nanomaterials
and Technologies”**

- Organised by International Advanced Research Centre for Powder, Metallurgy and New Materials (ARCI)
- 16-17 November 2015

Workshop on Schemes and Grants



COIN organized a workshop on **Schemes and Grants** at **Indian Institute of Technology, Delhi** on **3rd September 2015**. **Prof. Rajiv Kumar Gupta**, of ME department from **Dronacharya College of Engineering, Gurgaon** attended the workshop. The objective of the workshop was to enable the colleges to know about **schemes and grants of Govt. of India for innovation projects of research and development activities for which Colleges are eligible to apply**. It also focused on the application process for grants that can maximize the chances of sanction.

National Workshop "AUTOKRITI 7.0 2015"



A national workshop "**AUTOKRITI 7.0 A Petrol v/s Diesel Car Overhaul Workshop**" sponsored by **Tata Motors** was organised by the **SAEINDIA NIT Kurukshetra Collegiate Club**. Twenty students of Mechanical Engineering Department from **Dronacharya College of Engineering, Gurgaon** attended the event along with faculty coordinator **Mr Vikrant Yadav** from **25th to 29th October, 2015**.

Workshop on “Virtual Labs”



Dronacharya College of Engineering, Gurgaon, the Nodal Center of Virtual Labs of IIT Delhi conducted one day workshop on “*Virtual Labs*” on **4th November 2015**. 12 students of ME department participated in the workshop. Virtual Labs is an initiative of Ministry of Human Resource Development (**MHRD**), Govt of India (**GOI**) under the National mission on Education through ICT (**NMEICT**).

Workshop and competition on “QuadCopter”



Two day workshop cum championship on *Quad-Copter* was organized by Mechanical Engineering Department of *Dronacharya College Of Engineering, Gurgaon* in collaboration with *Robosapiens Technologies Pvt. Ltd* in the college campus on **5th – 6th November 2015**. The purpose of the workshop was to train the students on “*QuadCopter*”, its design and its making. The faculty coordinators for the event were **Mr. Vikas Sahu** and **Ms. Manjari Saxena**.

Workshop on “Nanomaterials and Technologies”



An INDO-BELARUS workshop on “Nanomaterials and Technologies” was held on November 16-17, 2015 at IBIS hotel, Gurgaon. Faculty member **Vikrant Yadav and Lokesh Kumar** of ME Department from Dronacharya College of Engineering attended the workshop. The workshop was jointly organised by International Advanced Research Centre for Powder, Metallurgy and New Materials (ARCI) Hyderabad, India and State Scientific Institution The Powder Metallurgy Institute, Republic of Belarus.

Faculty Development Program

QIP on "Fundamentals of Engineering Tribology with Applications"

- Organized by *IIT Delhi*
- 7th – 11th December, 2015

QIP Short Term Course on "Make in India: Innovative Product Design"

- Organized by *IIT Delhi*
- 14th - 18th December 2015

QIP on "Fundamentals of Engineering Tribology with Applications"



Department of Mechanical Engineering, IIT Delhi organized a Five Days **QUALITY IMPROVEMENT PROGRAM (QIP)** on "**Fundamentals of Engineering Tribology with Applications**" from **7th – 11th December, 2015**. Around **Sixty five** faculties from different technical colleges (including IIT's, NIT's) from India participated in this workshop. Faculty members **Mr. Kumar Jyotiraditya** and **Mr. Vikas Sahu** from Mechanical Engineering department of **Dronacharya College of Engineering, Gurgaon** attended the short term course.

QIP Short Term Course on "Make in India: Innovative Product Design"



Faculty member Mr. Shashikant Das of ME Department represented **Dronacharya College of Engineering, Gurgaon** in the 5 - day workshop on "**Make in India: Innovative Product Design**" organized at **IIT Delhi** from **14th - 18th December 2015**. This course was aimed at providing the necessary concepts, knowledge and skills for a successful innovative product design for achieving the objectives of fulfilling the needs of a society and higher goals of establishing a prosperous nation. The session was primarily taken by **Prof. Harish Hirani**, Faculty in Dept. of Mechanical Engineering, IIT Delhi .

Industrial Visits

Visit to SKH Metals Limited

• 23 October 2015

Industrial Visit to Frick India
Ltd. Faridabad

• 24th October 2015

Industrial Visit to Network
Bulls

• 4th November 2015

Industrial Visit to Diesel Loco
Shed, Tughlakabad

• 6th November 2015

Industrial Visit to Indian
Market Research Bureau

• 26 November 2015

Visit to SKH Metals Limited



DCE ISTE Student Chapter organized an industrial visit to the *SKH Metals Limited, Manesar, Gurgaon* on **23 October 2015**. Faculty coordinator *Mrs. Poonam Yadav* along with 54 students from *ME, ECS, IT, CSE, EEE & ECE Departments* visited the plant. The objective of the visit was to give the students a brief understanding of sheet metal requirements of the automotive industry. *SKH Metal* Company manufactures the spare parts of *Maruti Suzuki* like rear axle, fuel tanks, suspension frames, axel housing etc.

Industrial Visit to Frick India Ltd. Faridabad



Mechanical Engineering Department of *Dronacharya College of Engineering, Gurgaon* organised an industrial visit to M/s FRICK India Ltd. on **24th October 2015**. Thirty students from second year accompanied by Faculty members *Mr. Lokesh Kumar* and *Mr. Vikrant Yadav*. Public Relation Manager of *FRICK India Ltd.* Welcomed the college team and gave a brief about the company FRICK India Ltd. is premium turnkey solution provider and equipment manufacturer for industrial refrigeration in India since 1962. FRICK INDIA LIMITED was incorporated as a public limited company in 1962 in collaboration with Frick Company USA, one of the worlds most experienced and largest manufacturers of industrial refrigeration & air-conditioning equipment.

Industrial Visit to Network Bulls



Dronacharya College of Engineering, Gurgaon organised an industrial visit to *Network Bulls, Gurgaon* on **4th November 2015**. Five students from ME Departments, along with faculty coordinator **Mr. Amar Saraswat** visited the organisation. Network Bulls provides advanced trainings in Associate, Professional and Expert level in Routing & Switching, Security and Voice track certifications which are offered by Cisco Systems. Network Bulls' Networking Training Labs are well equipped with latest Cisco racks and devices.

Industrial Visit to Diesel Loco Shed, Tughlakabad



The Mechanical Engineering department of *Dronacharya College of Engineering, Gurgaon* organized an industrial visit to *Diesel Loco Shed, Tughlakabad* on **6th November 2015**. Forty students of IIIrd Year were accompanied by faculty coordinators **Mr. Nitin Dixit** and **Mr. Vikrant Yadav**. The college team was welcomed by **Mr. Omkant Sharma**, SSE/TRG of Diesel Loco Shed. He introduced the students to Diesel locomotive shed. He explained about an industrial-technical setup, where repair and maintenance works of diesel locomotives is carried out, so as to keep the loco working properly.

Industrial Visit to Indian Market Research Bureau



On **26 November 2015**, **Mrs. Poonam Yadav** along with 18 students from **ME, ECS, IT and CSE Departments of Dronacharya College of Engineering, Gurgaon** visited the **Indian Market Research Bureau (IMRB), Kalka Ji, Delhi**. The visit was organized by **DCE ISTE Student Chapter** to celebrate the **Constitution Day** with the motive to give the students a brief understanding of market research. **IMRB** is a multi-country market research, survey and business consultancy firm that offers a range of syndicated data and customized research services. The Headquarter of the company is established in Mumbai with operations in over 15 countries.

SUMMITS / CONFERENCES

**National Conference on
“Accelerating Industrial
Growth”**

- Conducted by PHD Chamber of Commerce and Industries
- 30th September 2015

**2nd International Conference
on “Recent Developments in
Science, Engineering &
Technology” (REDSET-2015)**

- Organized by *G.D Goneka University*
- 30th-31st October 2015

**FICCI HIGHER EDUCATION
SUMMIT 2015**

- Organised by *Federation of Indian Chambers of Commerce & Industry (FICCI)*
- 3rd - 4th November 2015

**SMART MANUFACTURING
SUMMIT 2015**

- Organised by *Confederation of Indian Industry's (CII)*
- 27th November 2015

**INDUSTRIAL AUTOMATION
SUMMIT 2015**

- Organised by *Confederation of Indian Industry's (CII)*
- 4th December 2015

**Global SME Business Summit
2015**

- Organised by *Confederation of Indian Industry's (CII)*
- 7th – 8th December 2015

**National FMCG Summit 2015
"Re-Imagining FMCG in India"**

- Organised by **Confederation of Indian Industries (CII)**
- 21st December 2015

National Conference on “Accelerating Industrial Growth”



A National Conference on “Accelerating Industrial Growth” was conducted by PHD Chamber of Commerce and Industries on 30th September 2015 at PHD House, New Delhi. Faculty members Rajesh Mattoo and Lokesh Kumar of ME Department from Dronacharya College of Engineering attended the Conference.

2nd International Conference on “Recent Developments in Science, Engineering & Technology” (REDSET-2015)



The International Conference on “*Recent Developments in Science, Engineering & Technology*” (REDSET-2015) was organized by *G.D Goenka University, Gurgaon* on *30th-31st October 2015*. The conference was conducted in association with *University of Arkansas, IETE and CSI (student chapter)*. The theme of the conference was “*Scientific and Technological Innovations for Sustainable Development*”. *Mr. Vikrant Yadav*, Asst. Professor Mechanical Engineering Department from *Dronacharya College of Engineering, Gurgaon* presented his paper titled “*Solar cooker with PCM unit based on parabolic trough collector with vacuum tube heat pipe*” at the conference. Total 16 sessions were conducted at the conference where technical papers were presented by the delegates.

FICCI HIGHER EDUCATION SUMMIT 2015



Federation of Indian Chambers of Commerce & Industry (FICCI) organized the 11th FICCI Higher Education Summit 2015 "Transforming Higher Education: The Asian Imperative", supported by the Ministry of Human Resource Development (MHRD) and the Planning Commission, Government of India on 3rd -4th November 2015. Mr. Chandra Shekhar Singh along with Eighteen students from ME Department from Dronacharya College of Engineering, Gurgaon attended the Summit.

SMART MANUFACTURING SUMMIT 2015



The Confederation of Indian Industry's (CII) Manufacturing Council organized "Smart Manufacturing Summit 2015" at The Eros Hotel, New Delhi, on 27th November 2015. Faculty member Mr. Anil Sachdeva, ME deptt. from Dronacharya College of Engineering, Gurgaon attended the event.

INDUSTRIAL AUTOMATION SUMMIT 2015



Confederation of Indian Industry (CII) organized the *Industrial Automation Summit: "Managing Today Operational Challenges and Being Ready for Tomorrow's Growth"* on **4th December 2015** at *The Crowne Plaza, Gurgaon*. The focus of Summit was on Innovation and Quality driven manufacturing. Faculty members *Mr. Rajesh Mattoo* (ME deptt.) from *Dronacharya College of Engineering, Gurgaon* attended the summit.

Global SME Business Summit 2015



Confederation of Indian Industry (CII) in partnership with the *Ministry of MSME, Government of India* organized the *"Global SME Business Summit 2015"* on **7th – 8th December 2015** at the India Habitat Centre, Lodi Road, New Delhi. Faculty member *Ms. Manjari Saxena* from *Dronacharya College of Engineering, Gurgaon* attended the Summit.

National FMCG Summit 2015 “Re-Imagining FMCG in India”



Confederation of Indian Industries (CII) organized the **National FMCG Summit 2015 “Re-Imagining FMCG in India”** on **21st December 2015** at Hotel Taj Mahal, New Delhi. **Mr. Rajesh Matoo**, Associate Professor, Department of ME on behalf of **Dronacharya College of Engineering, Gurgaon** attended the event.

OTHER EVENTS

6th India Machine Tools Exhibition (IMTOS)

- Organised by *K and D Communication Limited*
- *4th to 7th July, 2015*

8th JAGRUTI - IMTMA YOUTH PROGRAMME

- Organized by *Indian Machine Tool Manufacturers' Association*
- *21st August 2015*

COMMUNITY DAY

- Organized by *Microsoft India*
- *19th SEPTEMBER 2015*

BAJA SAEINDIA 2016 SOFTWARE TRAINING PROGRAM

- Conducted by the *Society of Automotive Engineers (SAE) Indore Division*
- *15th – 16th October, 2015*

6th India Machine Tools Exhibition (IMTOS)



The 6th India Machine Tools Show 2015 (IMTOS) held at Pragati Maidan, New Delhi from 4th to 7th July, 2015 was organised by K and D Communication Limited. Faculty members Mr. Rajeev Gupta, Ms. Manjari Saxena and Ms. Preeti Gulia, of Mechanical Engineering Department from Dronacharya College of Engineering, Gurgaon visited the exhibition.

8th JAGRUTI - IMTMA YOUTH PROGRAMME



Indian Machine Tool Manufacturers' Association organized the Delhi Machine Tool Expo & JAGRUTI - IMTMA Youth Program at Pragati Maidan, New Delhi on 21st August 2015. Two students Ms. Ruby Sharma (15378) and Mr. Rahul Yadav (15367) from ME Department of Dronacharya College of Engineering, Gurgaon attended the event.

COMMUNITY DAY



Microsoft India & Microsoft MVPs across India came together for a social cause "**Digital Citizenship**" as part of **Community Day 2015** on **19th September 2015**. The Community day was celebrated across **22 cities, towns and villages** with **190 schools**. **Nine students** from ME participated in this activity and **visited different schools of Delhi NCR** and **trained school students**.

BAJA SAEINDIA 2016 SOFTWARE TRAINING PROGRAM



Mechanical Engineering Department of **Dronacharya College of Engineering** organised Two Days "**BAJA SAEINDIA 2016 SOFTWARE TRAINING PROGRAM**" on 15th – 16th October, 2015. The training program was conducted by the **Society of Automotive Engineers (SAE) Indore Division**. Around 50 teams from North and South India participated in this Training Program.