

Bridging the Gap between Academia and the Industry

A guest lecture was organized on 24.08.2018 as per the details given below:

Topics: 1. *Opportunities & emerging research field in Aerospace Engineering*

2. *Importance of 3-D Modeling, Finite Element Analysis and Computational Fluid*

Dynamics to get a quality placement in the industry.

Date: 24th Aug 2018 at

Place: Room No 401, Block A

Time: 1200 hrs - 1330 hrs

Speaker: Mr. Parimal Priyadarsh (Founder, Brainstorming Labs LLP, Bangalore)

About the Speaker: Alumnus of **IIT Kharagpur**, Worked in Aerospace R&D sector on few small and some complex problems involving Finite Element Analysis. Area Advisory Board Member at **Amity University Noida**, Member Board of Studies(BoS) at **NHCE Bangalore**, Visiting Faculty at **NHCE, Bangalore**.

Major points covered during the talk:

- 1) Current employment statistics of Engineering graduates
- 2) Opportunities in Aerospace, Mechanical and Automobile industry
- 3) Recent technologies being used in Industry.
- 4) The emerging research fields/trends
- 5) How to excel in the field of 3-D Modeling, Finite Element Analysis and Computational Fluid Dynamics to fetch a satisfying job.
- 6) How to increase the employability of the students?

Students of following batches attend the lecture:

22 students (B.Tech (AE) of Batch 2015-2019)

35 students (B.Tech (AE) of Batch 2016-2020)

3 students (B.Tech+M.Tech(AE) Intg.)

1 students (M.Tech (AE) of Batch 2018-19)

4 students (M.Tech (AE) of Batch 2017-19)

Following faculty members also attended the lecture:

1. Dr. Sanjay Singh
2. Gp Capt (Retd) Praveen Khanna
3. Prof Jai Kumar Jain
4. Dr. Basant Kumar Agarwal
5. Gp Capt (Retd) RC Garg
6. Dr Konark Arora
7. Md Saquib Reza
8. Mr. Kapil Kumar Dangda (AISST)

9. Ms. Ankur Vats
10. Mr. Jayanta Sinha

Event Objectives: Create awareness among students about industry expectation from Aerospace Engineers, recent technologies being used in industry and emerging research fields/ trends.

Expected Outcomes:

- This lecture will motivate students to pursue higher studies in aerospace field and take their career seriously.
- Provide information about latest research, development and technologies the field of Aerospace / Mechanical.
- Provide opportunities to faculty members and students to take up research in the latest field of Aerospace.
- Exposure to students as how research can be initiated in various field of aerospace engineering.

