

Student training program on “Industrial Aerodynamics”

The Department of Aeronautical Engineering HOD had organized a three days’ Student training program on “**Industrial Aerodynamics**” on October 9th, 10th and 11th 2012.

DATE	TIMINGS	PROGRAM
9-10-2012	9:00 AM	Inaugural Function
	9:20-11:20 AM	Dr.L. Venkatakrisnan, EAD, NAL
	11:20-11:40 AM	Tea
	11:50 AM- 1:20 PM	Dr.H K Narahari, MSRSAS
	1:30-2:30 PM	Lunch
	2:30-4:00 PM	Training Session
10-10-2012	9:00 AM	Inaugural Function
	9:20-11:20 AM	Shri N Srinivas Rao, Suzlon Energy Ltd
	11:20-11:40 AM	Tea
	11:50 AM- 1:20 PM	Dr. S K Maharana
	1:30-2:30 PM	Lunch
	2:30-4:00 PM	Training Session
11-10-2012	9:00 AM	Inaugural Function
	9:20-11:20 AM	Prof. N. Balakrishnan, IISC
	11:20-11:40 AM	Tea
	11:50 AM- 1:20 PM	Prof. Ashish Kumar Gupta, Jain University
	1:30-2:30 PM	Lunch
	2:30-4:00 PM	Training Session

9th October, 2012

The Program was inaugurated at 9:00 AM by Dr. S.K Maharana, Head of Aeronautical Engineering (P.G) and Presided by Ms. Deepa M.S, Head of Aeronautical Engineering (U.G) at Smt. Rajalakshmi Jayaraman Seminar Hall.

The first key note lecture was delivered by Dr.L. Venkatakrisnan, Experimental Aerodynamics, National Aerospace Laboratories from where he retired as outstanding scientist. He started his lecture by 9:20AM. The first key note lecture given more ideas about:

- Wind Tunnels
- The role of Wind tunnels in Industrial Aerodynamics

The lecture is concluded by 11:20 AM. The lecture given the students and faculties more details about the future trends in Wind Tunnels and Industrial Aerodynamics.

After his lecture students, faculty and guest went for short tea break.

The second lecture was delivered by Dr.H K Narahari, distinguished scientist MSRSAS. The lecture started by 11:50 AM. The lecture given details about the following topics:

- Road Vehicle Aerodynamics
- CFD in Road Vehicle Aerodynamics

The lecture got over by 1:20 PM. The given the details about Road Vehicle Aerodynamics. After his lecture attendees and guest lectures went for lunch break.

The Next session started at 2:30 PM includes the students training on CFD and Wind Tunnel. The students were well guided by guest lectures and faculties of our department. Lots of doubts were asked during training session. It was a great experience for the students to work under their guidance.

10th October, 2012

The Program was inaugurated at 9:00 AM by Dr. S.K Maharana, Head of Aeronautical Engineering (P.G) and Presided by Ms. Deepa M.S, Head of Aeronautical Engineering (U.G) at Smt. Rajalakshmi Jayaraman Seminar Hall.

The first key note lecture was delivered by Shri N Srinivas Rao, Suzlon Energy Ltd. The lecture was about following topics:

- Wind Energy
- Enhancing the efficiency of Wind Turbine

The lecture got over by 11:20 AM. The lecture given ideas about the enhancement of efficiency for Wind turbine.

After his lecture students, faculty and guest went for short tea break.

The second lecture was delivered by Dr. S K Maharana, Head of Department Aeronautical Engineering He given a lecture on the following topics:

- Building Aerodynamics
- Wind Hazards
- Wind Hazards and its effects on Buildings

The lecture given idea about wind hazards and its effects on buildings. The lecture got over by 1:20 PM.

The attendees went for the lunch by 1:30 PM.

The post lunch session started by 2:30PM includes the students training on improving efficiency of wind turbine and deal with various wind hazards. The students were well guided by guest lectures and faculties of our department. Lots of doubts were asked during training session. It was a great experience for the students to work under their guidance.

11th October, 2012

Last day of training program students were very motivated to gain all the knowledge from them.

The Program was inaugurated at 9:00 AM by Dr. S.K Maharana, Head of Aeronautical Engineering (P.G) and Presided by Ms. Deepa M.S, Head of Aeronautical Engineering (U.G) at Smt. Rajalakshmi Jayaraman Seminar Hall.

The first lecture was given by Prof. N.Balakrishnan, IISC, He give a lecture on the following topics:

- Establishing Reliability of CFD Tools

The lecture given more details about the combustion process in gas turbine engine and also in missiles, Launch vehicles. The lecture got over by 11:20 AM.

After his lecture students, faculty and guest went for short tea break.

The next lecture was started by 11:50 AM which was delivered by Prof. Ashish Kumar Gupta, Jain University. His lecture was about following topics:

- Incompressible Aerodynamics of Ground Structures
- Incompressible Aerodynamics of Launch vehicles

The lecture got over by 1:20 PM. The lecture given idea about incompressible aerodynamics of

Ground structures and Launch vehicles. After this session the attendees and guest lecturers went for lunch break.

The Next session started at 2:30 PM includes the students training on CFD and Aerodynamics structures. The students were well guided by guest lectures and faculties of our department. Lots of doubts were asked during training session. It was a great experience for the students to work under their guidance.

The seminar ended with the vote of thanks by Ms. Deepa M.S, Assistant Professor, Department of Aeronautical Engineering who thanked the event organizers and Speakers and faculties of the departments. Feedback was collected from department faculties.

The event was organized by following faculties:

Ms. Deepa M.S

Mr. Nishanth P

Mr. Venugopal M M


Principal Signature with Seal
Principal
MVJ College of Engineering
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