

Seminar on "Aircraft Automatic Flight Control System"

The Department of Aeronautical Engineering HOD had organized a one day **Seminar on "Aircraft Automatic Flight Control System"** on February 20th 2015.

The Program was inaugurated at 10:20 AM by Ms M S Deepa, Head of Aeronautical Engineering (U.G) at Smt. Rajalakshmi Jayaraman Seminar Hall.

DATE	TIMINGS	PROGRAM
20-02-2015	10:15 AM	Inaugural Function
	10:30-11:10AM	Dr. Prasad Sampath General Manager (retd.) RWRDC, HAL
	11:10- 11:50AM	Dr. Vijay Patel NAL
	11:50- 12:30 PM	Shri. Sanjay Sharma ARDC, HAL
	12:30-1:30 PM	Lunch Break
	1:30- 2:10 PM	Shri. Girish G Dixit Group Director, IFSC, ADA
	2:10- 2:50 PM	Shri. Jitesh Sachdeva ADE
	2:50- 3:50 PM	Dr. Radhakant Padhi Professor, IISC
	3:50 PM	Vote of Thanks

The first key note lecture was delivered by Dr. Prasad Sampath, General Manager (retd.) RWRDC, HAL. He started his lecture by 10:30 A.M. The first key note lecture given more

ideas about:

- AFCS
- Control system for Rotatory wing Aircraft

The lecture is concluded by 11:10 AM. The lecture gives the students and faculties more details about the aircraft automatic flight control system.

The second lecture was delivered by Dr. Vijay Patel, NAL. The lecture started by 11:10 A.M. The lecture given details about the following topics:

- Challenges in Flight Control
- Design, Development and Testing

The lecture got over by 11:50 A.M. The given the details about Design, Development and Testing in Flight Control. The third lecture was delivered by Shri. Sanjay Sharma, ARDC, HAL. The lecture started by 11:50 A.M. The lecture given details about the following topics:

- Advanced Avionics Systems
- Fly-by-Wire technology

The lecture got over by 12:30 P.M. The given the details about material technology. After the session all the seminar attendees went for their Lunch break. The lunch break ended by 1:30 P.M.

The Next session was started by the Lecture of Shri. Girish G Dixit, Group Director, IFSC, ADA. His lecture started by 1:30 P.M. His lecture was about:

- FCS
- Flight control system for Advanced fighter aircraft

The lecture was concluded by 2:10PM. The lecture gives ideas about the future trends in FCS for fighter aircraft.

The next lecture started by 2:10 P.M. by Shri. JiteshSachdeva, ADE. The lecture was about following topics:

- AFCS
- Applications in UAVs

The lecture got over by 2:50 P.M. The lecture gives ideas about the AFCS application in UAVs.

The next lecture started by 3:50 P.M. by Dr. Radhakant Padhi, Professor, IISC. The lecture was about following topics:


- Advanced optimal Guidance
- Challenges in Aerospace Missions

The lecture got over by 3:50 P.M. The lecture gives ideas about the Guidance systems used for aerospace missions.

The seminar ended with the vote of thanks by Ms M S Deepa, HOD, 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:

Prof. S C Gupta
Ms M S Deepa



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