

AMITY INSTITUTE OF AEROSPACE ENGINEERING

Report on Guest Lecture and Interaction

Topics: Wing Morphing in Unmanned Aerial Vehicles for improved Aerodynamics

Date: 25th Feb 2020

Place: L1 block, Room no. 401

Time: 1:30PM-3:00PM

Speaker: Prof. Rajkumar S. Pant , Aerospace Engineering Department, IIT Bombay, Powai, Mumbai.

About the Speaker: Prof. Rajkumar S. Pant , Aerospace Engineering Department, IIT Bombay, Powai, Mumbai.

Major points covered during the talk: Changing sweep, improving performance and efficiency at all flight conditions, replacing control surfaces by morphing technique, variable sweep & camber and shape memory alloys.

Students of following batch attended the lecture:

33 students, B.Tech (AE) of Batch 2017-2021

01 student, B.Tech (AE) of Batch 2018-2022

02 students, B.Tech+M.Tech (AE) Intg. of Batch 2017-2022

02 students, B.Tech+M.Tech (AE) Intg. of Batch 2016-2021

08 Final year students (interested in Higher studies) 2016-2020

02 M.Tech (AE) of Batch 2019-2021

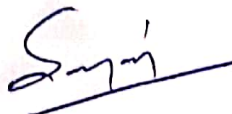
08 Students of AISST

12 Students of AIT

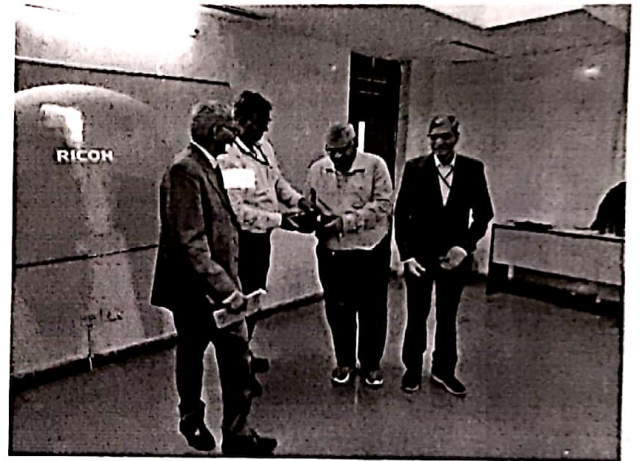
Following faculty member also attended the lecture:

Prof. RK Chauhan, Gp Capt RC Garg, Dr. Konark Arora and Mr. JK Jain.

Event Objectives: 1. Create awareness among the students and faculty member about the latest research in the field of UAVs. 2. To build good and relationship with the faculty of Aerospace department, IIT Bombay.



Expected Outcomes: 1. Students will be motivated for doing their M.Tech on wing morphing in UAVs. 2. Students/ institute will explore internship opportunities at IIT Bombay. Last year institute arranged internship of 4 students at IIT Bombay.



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