

AMITY INSTITUTE OF AEROSPACE ENGINEERING

Webinars 2020-21

Sr. No.	Topic	Speaker Name, Affiliation	Date
1	Introduction to CFD and its application	Dr. R. S. Tarnacha, Sr. Consultant, Tata Technologies	9/4/2020
2	Range Payload Diagram of the aircraft	Dr. R. S. Pant, Professor, IIT Bombay	11/4/2020
3	CAE Simulator Training Limited, G Noida	Mr. Rakesh Kumar Negi, Senior Manager, CAE Simulator Training Limited, G Noida	13/04/2020
4	Introduction to FEM and its application	Dr. Sachin Singh Gautam, Assistant Professor, IIT Guwahati	16/04/2020
5	Conceptual Design of an Aircraft	Dr Om Prakash, Professor, UPES, Dehradun	18/04/2020
6	Introduction to Experimental Aerodynamics & Wind Tunnel Testing	Dr. Devabrata Sahoo, Associate Professor, ADCET, ASHTA, Maharashtra	20/04/2020
7	Advanced Principles of Flight Aerodynamics	Mr. Ashwani Acharya, , COE, CAE Simulation Pvt Ltd	3/5/2020
8	Energetic Particles for Propulsion	Dr. Srinibas Karmakar, Associate Professor, Department of Aerospace Engineering, IIT Kharagpur	8/5/2020
9	Flexural Strengthening of FRP Beams using CFRP Laminates	Dr. Shamsher Bahadur Singh, Professor, BITS Pilani	11/5/2020
10	Multi-functional Material Modeling	Dr. Krishnendu Halder, Department of Aerospace Engineering, IIT Bombay	5/5/2020
11	Numerical treatment of initial and boundary value problem	Dr. Sarvesh Kumar, Associate Professor, Indian Institute of Space Science and Technology, Thiruvananthapuram	8/5/2020
12	Gas Turbine Engines and their applications	Dr. Raghavan Rajendran, Professor, Dayananda Sagar College of Engineering, Bangaluru	13/05/2020
13	Solid-state Welding	Dr. Sarila Venu kumar, Associate Professor, Vardhanan College of Engineering, Hyderabad	16/05/2020
14	Design of Unmanned Aerial Systems	Dr. Abhishek, Associate Professor, Department of Aerospace Engineering, IIT Kanpur	14/05/2020
15	General trends in the UAV industry	Mr. Vipul Singh, Co-founder and CEO, AUS- Aarav Unmanned Systems, Banglore	15/05/2020
16	Structural health monitoring of aerospace structures	Dr. Gopalakrishnan Srinivasan, Professor, Indian Institute of Science (IISc), Bangalore	22/05/2020
17	Handling Uncertainty and Anxiety due to Covid-19	Dr. Rajkumar S. Pant, Professor, Department of Aerospace Engineering, IIT Bombay	26/05/2020
18	Introduction to Cryogenics and its applications in Aerospace Engineering	Dr. Ravindra S Kulkarni, Professor and Head, Department of Aerospace Engineering, R V College of Engineering Karnataka	28/05/2020
19	Priming up for Industry 4.0	Dr Supriya Sharma, Executive Director, BrainGlow Limited, Italy and USA	7/8/2020
20.	Future Sustainable Fuels	Dr. Bhupendra Khandelwal, Associate Professor, The University of Alabama, Tuscaloosa United States.	14 /8/2020
21.	Introduction to Root Cause Analysis Techniques in the Industry	Mr. Abhisek Robert, Senior Design Engineer, Schlumberger, Singapore	20/08/2020
22.	Career opportunities in Aerospace Engineering and How to Prepare for Studying Abroad	Ms. Faiqa Anbreen, Proposal Engineer, SAFRAN Aerospace Group, Los Angeles, CA, U.S	21/08/2020
23.	Avenues in Aerospace Research and Methodology for Research	Dr Dinesh Bhatia, Assistant Professor, Department of Aerospace Engineering, University of Nottingham, England	01/09/2020
24	Importance of peace education in our life”	Ms Poonam Sharawat, Peace Education program coordinator, The Prem Rawat Foundation (TPRF).	02/10/2020
25	“Conceptual Aircraft Design”	Dr. Om Prakash, Professor, Dept of Aerospace	09/10/2020

		Engineering, UPES, Dehradun-248007	
26	“When less is more: Take off Thrust Reduction”.	Mr Darshan Sawant, Manager fleet Technical Support, Tata Singapore Airlines Gurgaon.	12/10/2020
27	“Important Aspects of Aircraft Stability”	Prof. (Dr.) Rakesh Kumar, Department of Aerospace Engineering, Punjab Engineering College Chandigarh.	15/10/2020
28	“Fundamentals of combustion”	Prof. (Dr.) Sudarshan Kumar, Head of the department at the Department of Aerospace Engineering, Indian Institute of Technology Bombay.	20/10/2020
29	“Important Aspects of Aircraft Stability”	Prof. (Dr.) Rakesh Kumar, Department of Aerospace Engineering, Punjab Engineering College Chandigarh.	23/10/2020
30	“ Design Aspects of Combustion Chambers in Modern Gas Turbines”	Mr. Vamsi Krishna, Alumni of 2016 batch, doing master Moscow Aviation Institute, Russia.	28/10/2020