

DEPT. OF ELECTRICAL ENGINEERING, COLLEGE OF ENGINEERING TRIVANDRUM

**SHORT-TERM TRAINING PROGRAMME ON “RESEARCH TRENDS AND ADVANCES
IN THE NAVIGATION AND CONTROL OF UNMANNED AERIAL VEHICLES”**

PROGRAMME SCHEDULE

<i>Day</i>	<i>11:00 am – 12:30 pm</i>	<i>02:00 pm – 03:30 pm</i>
<i>Monday</i> 22/03/2021	Collision Detection and Avoidance in Multi UAV Airspace, Prof. Debasish Ghose , Dept. of Aerospace Engineering, IISc Bangalore	Basics of Unmanned Aerial Vehicles, Dr. Sreeja S , CET
<i>Tuesday</i> 23/03/2021	Trajectory planning methods for UAVs, Prof. Ashwini Ratnoo , Dept. of Aerospace Engineering, IISc Bangalore	Optimal Path Planning of Unmanned Vehicles, Prof. Sikha Hota , Dept. of Aerospace Engineering, IIT Kharagpur
<i>Wednesday</i> 24/03/2021	Control of Tilted Rotor UAVs, Dr. Harshasimha M S , IIST Trivandrum	Formation Control of UAVs, Prof. Arpita Sinha , Systems and Control Engineering, IIT Bombay (2.30 – 4 pm)
<i>Thursday</i> 25/03/2021	‘UAVs : Recent Trends and Challenges’ Dr. Anjaly Parayil , Computational Information Systems Directorate, US Army Research Laboratory, USA	UAV Design and Flight Testing Part I, Dr. Harikumar Kandath , Robotics Research Center, IIIT Hyderabad
<i>Friday</i> 26/03/2021	UAV Design and Flight Testing Part II, Dr. Harikumar Kandath , Robotics Research Center, IIIT Hyderabad	Drones for counter-UAV applications, Ms. Lima Agnel Tony , IISc Bangalore
<i>Saturday</i> 27/03/2021		Drone Computing, Dr. S N Omkar , Dept. of Aerospace Engineering, IISc Bangalore. (2pm – 5 pm)