



Tentative Schedule

Basic Bootcamp on UAS and Its Application

Date: 22-26 July 2024

Venue: J C Bose University, Faridabad, Haryana

Day 1: Monday, 22 July 2024	
Timings	Session
1000-1030	Inaugural Session
1030-1145	Introduction to Unmanned Aerial Systems and its Types
1145-1200	Tea Break
1200-1315	Introduction to Drone Components
1315-1415	Lunch Break
1415-1545	Demonstration of Drone Assembly and Disassembly
1545-1600	Tea Break
1600-1730	Demonstration.. (contd...)

Day 2: Tuesday, 23 July 2024	
Timings	Sessions
1000-1130	Regulations for flying Drones and DGCA guidelines
1130-1145	Tea Break
1145-1315	Introduction to Flight Controller
1315-1415	Lunch Break
1415-1545	Mission Planning with SITL
1545-1600	Tea Break
1600-1730	Do it yourself (Mission Planning...)



Day 3: Wednesday, 24 July 2024	
Timings	Sessions
1000-1130	Do it yourself (Build and Calibrate....)
1130-1145	Tea Break
1145-1315	Do it yourself (Build and Calibrate....) contd..
1315-1415	Lunch Break
1415-1545	Do it yourself (Build and Calibrate....) contd..
1545-1600	Tea Break
1600-1730	Do it yourself (Build and Calibrate....) contd..

Day 4: Thursday, 25 July 2024	
Timings	Sessions
1000-1130	Understanding PID Controller
1130-1145	Tea Break
1145-1315	Introduction to Sensors
1315-1415	Lunch Break
1415-1545	Hands on session: Designing Controller with MATLAB
1545-1600	Tea Break
1600-1730	Hands on session: Designing Controller with MATLAB (contd..)

Day 5: Friday, 26 July 2024	
Timings	Sessions
1000-1130	Applications of UAS
1130-1145	Tea Break
1145-1315	UAV Communication
1315-1415	Lunch Break
1415-1545	Assessment Test and Feedback
1545-1600	Tea Break
1600-1730	Valedictory