BOOT CAMP 4.0
on
Drone assembly, navigation & applications

Jointly conducted by

S.V. NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

and

SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY, SURAT

Date: 20, 21, 26-28 January , 2024

MeitY
Government of India

About Bootcamp Program:

SVNIT, Surat and SCET Surat are jointly organising a Bootcamp Training Program on Capacity Building for Human Resource Development in Unmanned Aircraft Systems (Drone Assembly, Navigation and related Applications) in India, under a project funded by MeitY (Ministry of Electronics and Information Technology).

Bootcamp Course Content:

- Introduction to drone dynamics: Processors, Pixhawk, Autopilot, and Interfacing of peripherals
- Introduction of DGCA rules
- Introduction of Drone Sensors
- Introduction to GNSS and Pseudolites
- Basics of Inertial and Fused Navigation Systems
- Commercially available GNSS receivers and application
- Drone Applications
- Introduction to Anti-drone techniques, spoofing, and Antispoofing
- Practicals on drone components for navigation and control
- Practicals on interfacing of commercial GNSS receivers
- Practicals on GNSS signal processing
- Data Communication, diversity, and networking
- Drone Assembly and Flying Demonstration

Duration : 5 days (40 Hrs)

Benefits of the Program:

- Theory & Hands-on experience on tools
- Session delivery by renowned/industry experts
- Certification upon successful completion

Eligibility:

- Studying in 2nd,3rd year or onwards or Graduate in BE/ Btech or Postgraduate in MSc/ MCA/ ME/ Mtech or PhD
- Faculty/ Working Professional/ Staff from Industry/ Govt. organizations (with above education qualification)

Team Members:

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3. Isha Agarwal (Activity and Lab Coordinator) (+919586341231)

Registration Fee:

Includes welcome kit, tea break refreshment, assessment, and certification

- Students Rs. 500/-
- Working professionals and faculty members Rs. 1000/-

Date: 20, 21, 26-28 January, 2024
Timing: 10:00 AM to 6:00 PM

Hostel Accommodation may be provided based on prior approval from the organizing authority on a payment basis (not included in the Registration Fee)

Training Location/ Address: AV Room, Electronics Engineering Department, Sarvajanik College of Engineering and Technology, Surat

Contact Details:

Email: avionics.uavlab@gmail.com
Contact number: 8849486604,9662166835
Payment Details: https://tinyurl.com/fmj9tneb
Registration Link:
https://tinyurl.com/avionicsuavlabbootcamp4

Or

Scan through QR code reader

Candidate who register before 17th january will get full refund of registration fees.

Limited Seats are Available (Registration will be done on a first-come, first-served basis)

For more details visit: www.svnit.ac.in

Coordinators:

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SAE Phoenix Aero