



S. V. NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

BOOT CAMP 2.0 ON DRONE APPLICATIONS (JUNE 26-30, 2023)

About Bootcamp Program:

SVNIT, Surat is organizing a Bootcamp training program on capacity building for human resource development in Unmanned Aircraft Systems (Drone Assembly, Softwares, and Smart City Applications) in India under a project funded by MeitY (Ministry of Electronics and Information Technology)

Bootcamp Course Content:

- Introduction to Drone System: Processor, Hardware, Software, and Interfacing
- Introduction of DGCA Rules
- Introduction of Drone Sensors and the Interfacing
- Computer Vision and Deep Learning for Drone
- Application Development: Path Planning, Localization, Object Detection, Object Tracking, etc.
- Case Study of Drone Applications: Industry 4.0 and Smart City Applications like Agriculture, Disaster Management, etc.
- Introduction to Anti-drone Techniques, Spoofing, and Antispoofing
- Practicals for Drone Applications: Awareness about Drone Simulators, ROS, Gazebo, Localization, Object Detection, Object Tracking, Navigation, etc.
- Research Challenges

Duration: 5 days

Benefits of the Program:

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

Eligibility:

- Studying in 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)

Coordinators:

1. Dr. Dipti Rana, dpr@coed.svnit.ac.in
2. Dr. Anand Darji, add@eced.svnit.ac.in
3. Dr. Suresh Dahiya, suresh.dahiya@eced.svnit.ac.in

Registration Fee:

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

- SVNIT Students Rs. 600/-
- Other Students Rs. 1200/-
- Working professionals and faculty members Rs. 2000/-

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

Payment Details:

UPI ID: DIRECTORSVNITCCE@SBI

Registration Link:

<https://forms.gle/VC9Hc3mzKCUfEHhr6>

Last Date of Registration and Payment:

19 June 2023.

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

Training Location / Address:

Department of Computer Science and Engineering, SVNIT, Ichchhanath, Surat, Gujarat- 395007

Contact Details:

Email: DTA2023@coed.svnit.ac.in

Contact number: 9601286741

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



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