



INTERNAL SECURITY ACADEMY

“Power through pursuit of knowledge” is the motto of Internal Security Academy (An ISO Certified Training Academy). The Academy endeavors to impart professional knowledge/skills, inculcate right attitudes and develop values in the trainee officers to enable them to serve the nation better.

The Academy was established at Mount Abu (Rajasthan) on 1st February 1975 on shifting of the Central Police Training College (later rechristened, Sardar Vallabh Bhai Patel National Police Academy) to Hyderabad. ISA took over all properties from NPA which were either hired or owned by CPWD. The main Academy campus is the campus of erstwhile the Abu Lawrence School. “Never give in” the motto of erstwhile Abu Lawrence school is also a motivating factor of the academy besides our own motto.

THE MISSION

The primary mission of the Internal Security Academy is to orient/re-orient officers of the CRPF/CPMF/State Police forces to carry out their assigned tasks and responsibilities with right attitude, uprightness, dedication and with a strong commitment of service to the people. The Academy aims at quality training with total quality management of the Institution. The Academy is a "Centre of Excellence" for training and research in various fields.



Centre of Excellence

INTERNAL SECURITY ACADEMY MOUNT ABU (RAJ.)

[E-mail- dcradisa@crpf.gov.in](mailto:dcradisa@crpf.gov.in)



Navigation and Space Technology

(Junior Level) SL. No - 05

“01st to 07th December, 2022”

INTERNAL SECURITY ACADEMY MOUNT ABU (RAJ.)

(ISO-9001:2015)

www.crpf.gov.in/Internal Security Academy

AIM

To apprise the Officers about latest Space Technological & Initiatives and their real time use to improve operational efficiency.

SCOPE

1. Know the use of Space Technology as Force multiplier in future operations.
2. Know about latest technological developments useful in dead zone areas wherein Commanders face communication problems during operations.
3. Utility of Mapping by Satellites.
4. Understanding use of Satellite Technology for operational purpose.
5. Use of Satellite Technology for surveillance.
6. Use of UAVs.
7. Understand GIS concepts and principles.
8. Use of GIS for security management.
9. Use of Mobile Navigational applications.
10. Use of GIS Tools.
11. Carry out real - time training exercises/operations.
12. To effectively supervise the on-going operations.

ELIGIBILITY

Assistant Commandant to Second-in-Command of CRPF.

BLOCK TIME TABLE

Duration of the Course.	06 Days
No. of periods in a day.	08 Periods
Total periods in the Course	48 Periods
Duration of each period	40 Minutes

METHODOLOGY

1. Brain storming.
2. Power point presentations.
3. Hands - on practice.
4. Inter - active learning and experience sharing & Field Exercises

CONTENT OF COURSE

1. Use of Space Technology for operational purposes.
2. Use and DEMO of UAV.
3. Introduction to GIS and use in Navigation and planning
4. General Overview (Satellites, Orbits, Remote Sensing and GIS)-
5. BHUVAN & Communication Equipment's in CRPF-
6. Imagery Analysis, COPS, navigational apps & GIS Tools-
7. Mobile Navigational Application & their usage
8. Google Earth & Practical Exercises-
9. GPS & Conversion tools-
10. Field Work Exercises-
11. Miscellaneous.

