

**CENTRE FOR SPACE SCIENCE AND TECHNOLOGY EDUCATION
IN ASIA AND THE PACIFIC
(CSSTEAP)**

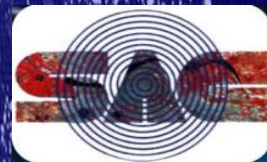
Announces

**15TH POST GRADUATE COURSE IN
SATELLITE COMMUNICATIONS
&
06TH POST GRADUATE COURSE IN
GLOBAL NAVIGATION SATELLITE SYSTEMS**



ORGANIZED BY

CENTRE FOR SPACE SCIENCE
AND TECHNOLOGY
EDUCATION IN ASIA AND THE
PACIFIC



CONDUCTED BY

SPACE APPLICATIONS CENTRE (SAC)
ISRO

ACADEMIC YEAR

2026 - 2027

ANNOUNCEMENT BROCHURE

Background

Satellite Communications (SATCOM) and Global Navigation Satellite systems (GNSS) have become the cornerstone of modern connectivity and navigation. Besides empowering the societal needs, they immensely serve for national security, disaster management, transportation, finance, agriculture, and many more.

The Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) is affiliated to the United Nations, and receives the cooperative academic activities from UN, including expert advice, educational curricula, technical support, necessary documentation and other appropriate assistances.

CSSTEAP aims to bridge the gap between advanced technology and its application by training professionals to drive innovation and sustainable development. Towards this, CSSTEAP announces the following two Post Graduate Courses in Satellite Communication and Satellite based Navigation.

Courses Offered (2026–2027)

- **SATCOM-15:** 15th Post Graduate Diploma in Satellite Communications.
- **GNSS-06:** 6th Post Graduate Diploma in Global Navigation Satellite Systems.

HIGHLIGHTS

Duration: 9 months, starting from September 2026

Location: Space Applications Centre, ISRO, Ahmedabad, INDIA

Participation: Selection through nomination

No. of Seats: 20

Certificate: PG Diploma



Nominations are invited from candidates in countries of Asia and the Pacific Region for the educational program of the Centre. Nominations of candidates will have to be endorsed/sponsored by recognized institutions (e.g. organization heads etc.) in their respective countries. Returning scholar can contribute in development oriented activities in the area of newly acquired knowledge and skills.

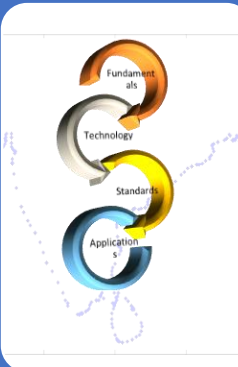
Academic Details

Course Objectives



- Introduce principles and applications of SATCOM/GNSS.
- Provide hands-on training with systems, payloads, and receivers.
- Enable participants to design and manage projects.
- Build capacity for policy and planning in space technology

Course Contents



SEMESTER -1

- SATCOM/GNSS Fundamentals, basic theory and architecture
- Payloads, signals, signal propagation, interference and impairments
- Signal and Data processing in SATCOM / GNSS, data standards

SEMESTER -2

- Receiver/Earth station technologies
- Resilient communication and Accurate Navigation approaches
- Applications of SATCOM / GNSS in societal, scientific, industrial needs

Course Structure

SATCOM and GNSS Courses have same modular structure apportioned to 3 trimesters, each of 10 – 15 weeks' duration. PG diploma certificate is awarded on successful completion of all three.

CSSTEAP has introduced flexible Exit policy in which the participants may opt to exit at the end of Semester-I or Semester-II. Such participants exiting early will receive only Participation certificate

Flexible Exit at the end of 1st / 2nd Semester with Participation Certificate

SEMESTER-1

15 WEEKS

5 MODULES
1 SEMESTER EXAM
1 SEMINAR
1 EDUCATIONAL TOUR

SEMESTER-2

10 WEEKS

4 MODULES
1 SEMESTER EXAM
1 SEMINAR
1 EDUCATIONAL TOUR

PILOT PROJECT

14 WEEKS

TOPIC OF RELEVANCE
INDIVIDUAL MENTOR
PROJECT PRESENTATION

Successful completion of Full Course

PG DIPLOMA CERTIFICATE





Important Dates

Announcement:

09 Feb 2026

Application Window

09 Feb – 30 Apr 2026

Selection Notification

30 Jun 2026

Course Duration

01 Sep 2026 – 31 May 2027 (Tentative)



Eligibility

Degree:

Bachelors in Electronics / Telecom / Electrical/ Computer, or Masters in Physics / Electronics

Experience

3 years professional experience preferred

Nomination

Nominated by Organization

Ideal For

Engineers, planners, government officials, researchers, and young scientists

Enrolment Procedure

Based on completed application forms received, Selection committee will select candidates as per selection criteria



Application

- Apply online at www.cssteapun.org
- Get nominated through institution head
- Follow instructions at the application portal
- For any query write back to CSSTEAP

Scrutiny

- Based on eligibility, sponsorship, and representation
- Applicants may send their withdrawal request before notified closure of application
- Passport details and certificate of English knowledge mandatory

Selection

- Selection will be done by selection committee
- Preference for candidates with sponsorship or own travel support
- Preference for candidates with good knowledge in English

Notification

- Selected candidates will be notified via e-mail
- Selected Candidates need to confirm their participation
- No withdrawal of candidature is allowed after selection process

Course Methods

Language:

- Medium of instruction will be English

Faculty:

- ISRO scientists, acclaimed speakers and renowned experts

Infrastructure:

- State-of-the-art classrooms, laboratories and facilities

Educational Tours:

- Visits to ISRO centres, relevant organizations and heritage sites

Facilities offered by CSSTEAP will match international standards. Teaching aids will include smart class rooms, digital lecture documents, video lectures, digital library access, online classes etc.



Course Expenses

Overall expenses for the Course include Course Fee of US\$ 6000 and cost for the international travel, tours and Living expenses. Government of India may waive off the course fee for few selected participants of Asia-Pacific region.

5 paid seats are available for Private & Self sponsored candidates from different countries to encourage and enhance participation opportunity. For paid seats, the Course fee i.e. US \$ 6000, sustenance expenses for the training period and travel expenses have to be borne by the candidate/organization.

Self/Organization Sponsored participants to be given preference

SUPPORT

Course Fee:

- Waived for selected Asia-Pacific participants.

Living Allowance:

- INR 31,000/month only to few selected candidates

Additional:

- Book allowance, project allowances



Other Information



Medical

- Mandatory medical, life, and disability insurance
- Medical fitness certificate to be submitted while joining the course
- Limited outpatient expenses may be reimbursed



Accommodation

- Accommodation is arranged by CSSTEAP
- It is compulsory to stay in hostel
- Accommodation fees ~ Rs 150/day & food charges to be paid by participants
- Family members/ outsiders are not allowed to stay with participants



Attendance

- Attendance > 90% is needed for awarding diploma
- Participants with poor attendance may be repatriated at his/her own cost



Conduct

- Conduct of the participants will be evaluated
- Participant with poor conduct may be retatriated at his/her own cost
- No vehicle parking facility will be provided
- Religious/political activities are not permitted

Photo Gallery



CSSTEAP

CSSTEAP was established in India in November 1995 and has emerged as a Centre of Excellence in capacity building in the field of space science and technology application. The CSSTEAP programs are executed by the faculty of Department of Space at its different campuses, including the Space Applications Centre, Ahmedabad. The training programs includes PG and Short Courses on RS & GIS, SATCOM, SATMET, GNSS etc. Besides this, many short courses, webinars, MOOC and workshops are also organized.



Dr. R. P. Singh
Director, CSSTEAP

SAC

Space Applications Centre (SAC), is one of the major centres of ISRO. This centre is engaged in the research and development of applications of Space Technology. SAC has immensely contributed in various ISRO achievements. SAC is conducting CSSTEAP courses since 1996 and provides its infrastructure to conduct the courses to the students of CSSTEAP.



Shri Nilesh Desai
Director, SAC

Contact Us

Course Director, SATCOM & GNSS
CSSTEAP, Space Applications Centre,
Ahmedabad, Gujarat, INDIA

Ph: +91 79 2691 2420 / 2691 6015
cssteapsatcom@sac.isro.gov.in
cssteapgnss@sac.isro.gov.in