

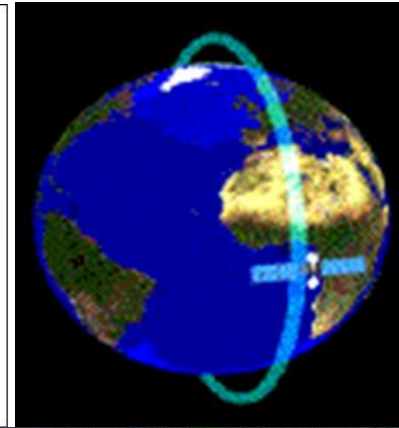
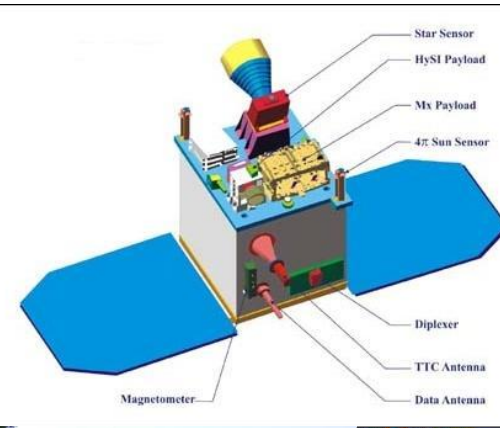
11th International training course on Small Satellite Mission

Organized By

Conducted By



(November 07 to November 18, 2022)



Centre for Space Science and Technology
Education in Asia and the Pacific (CSSTEAP)
(Affiliated to the United Nations)
IIRS Campus, 4, Kalidas Road, Dehradun,
India

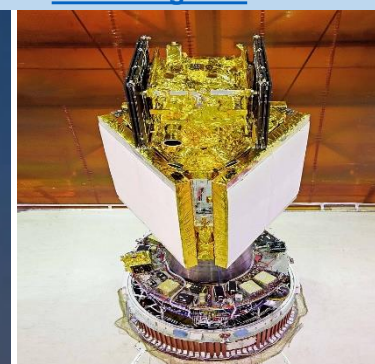
www.cssteap.org

Indian Institute of Remote Sensing (IIRS)
Indian Space Research Organisation (ISRO)
Department of Space, Government of India
4, Kalidas Road, Dehradun,
India

www.iirs.gov.in

U R Rao Satellite Centre (URSC)
Indian Space Research Organisation (ISRO)
Department of Space, Government of India
Vimanpura Post, Bengaluru,
India

www.ursc.gov.in



INTRODUCTION

Space technologies, especially satellites are important instruments for development and progress of humankind. Satellites are used for Earth observation, Communication, Navigation, Atmospheric studies, Astronomical observations and Military applications. Satellites provide uninterrupted services with less cost when compared with conventional methods for similar applications. With an increase in the awareness of benefits of space technologies, many countries are integrating space capabilities into their national development programmes. The increase in cost, complex technology, high fabrication skills and continuous service requirements restrict the satellite fabrication and launch to only a few countries or agencies. On the other hand, the revolution in electronics miniaturization, invention of smart materials has reduced the satellite size and mass. Further, the improvements in computation capability, high capacity storage devices, imaging technology, control intelligence and onboard automation have opened the opportunities to design and fabricate smaller, faster and cheaper sophisticated 'small' satellites for all.

ABOUT CSSTEAP, IIRS AND URSC

CSSTEAP was established in India in November 1995 with its headquarters at Dehradun and over the past 26 years, the center has emerged as a Centre of Excellence in capacity building in the field of space science and technology applications.

The IIRS (established in 1966) is a key player for training and capacity building in geospatial technology and its applications through training, education and research in Southeast Asia. The training, education and capacity building programmes of the Institute are designed to meet the requirements of professionals at working levels, fresh graduates, researchers, academia, and decision makers.

The U R Rao Satellite Centre (URSC) in Bengaluru, is the lead centre of ISRO engaged in developing satellite technology and fabrication of satellite systems for scientific, technological and application missions.

OBJECTIVE OF THE COURSE

The overall objectives of the two weeks training course are

- To generate awareness among users/ researchers, professionals, decision-makers and academicians on small satellites.
- To generate awareness of the satellite applications, space technologies and international cooperation in space activities.

COURSE CONTENTS

The structure of course is balanced between technical presentations, animation and assignments.

The following course content will be covered:

- Benefits of space technology
- Remote Sensing applications
- Technology involved in making satellites
- Applications of small satellites and future trends
- Management of small satellites

COURSE FEE AND ACCOMODATION

A course fee of Rs. 15,000 (equivalent to US\$ 300) is applicable which includes course materials. Accommodation for the participants will be arranged in hostel at IIRS, Dehradun. In addition the participants will have to pay Rs. 50 per day towards accommodation charges.

The candidates are required to send their personal details/bio-data to the Course Coordinator, IIRS, Dehradun in the prescribed Application Form, appended to this Announcement Brochure. The candidates are expected to make their own arrangements for all expenses. Preference in admission will be given to the candidates who are financially supported by their organizations. A few fellowships covering to and fro international air travel, domestic travel in India and living expenses (Rs 8,000 for two weeks) in India are available from Government of India. However, first preference will be given to the fully self sponsored candidates and then to the candidates whose sponsoring organization will be bearing international to and fro travel.

ELIGIBILITY AND SELECTION PROCESS

The course is aimed for decision makers, senior space technologists, managers, researchers and professionals in the fields of space technology.

- A limited number of seats are available for this course, which will be filled with participants from different countries.
- Government employees and professionals working in the field of space technology would be given priority.
- Candidates who have obtained a degree in electrical or electronics or mechanical engineering will be given preference. Candidate should have proficiency in English language as the course will be conducted in English medium.
- The selection of candidates will be carried out by a designated selection committee.
- Language of the course is English.

HOW TO APPLY

Applicants are requested to send the scan copy of their application forwarded by the Head of their respective institute for consideration **through e-mail to cssteap-admissions@iirs.gov.in** latest by **August 15, 2022**. Incomplete applications will not be considered for selection.

CONTACT DETAILS

CSSTEAP

(Email: cssteap@iirs.gov.in; Ph: +91-135-2524225)
Indian Institute of Remote Sensing, Dehradun, India

Course Director: Dr. P. Murugan

(Email: muu@ursc.gov.in; Ph: +91-080-25082638)
U R Rao Satellite Centre, Bengaluru, India

Course Coordinator: Dr. Ashutosh Srivastava

(Email: asrivastava@iirs.gov.in; Ph: +91-135-2524133)
Indian Institute of Remote Sensing, Dehradun, India



CENTRE FOR SPACE SCIENCE AND TECHNOLOGY EDUCATION IN ASIA AND THE PACIFIC
(Affiliated to the United Nations)

APPLICATION FORM FOR 11th SHORT COURSE ON SMALL SATELLITE MISSION
(November 7, 2022 to November 18, 2022)

Conducted at
Indian Institute of Remote Sensing (ISRO), Dehradun, India
Last date for receipt of application: August 15, 2022

**AFFIX
PASSPORT SIZE
PHOTOGRAPH
HERE**

SSM-11
(For office use only)
Application No.....
Date Received.....

Important:

All the correspondence from CSSTEAP (issue of admission letter, e-tickets for travel, enquiries, etc) with the applicants will be on internet and sometimes on phone (Home/ Office), therefore kindly ensure that email-id, phone, fax, etc, are correctly and clearly mentioned.

(Please type or use CAPITAL LETTERS)

1. (Name: (As mentioned in the passport))

Dr./Mr./Ms./.....
First Middle Last

2. Father's name:.....	3. Name of mother/husband/wife:.....
4. Date of Birth (DD/MM/YYYY):.....	5. Place of Birth:.....
6. Gender (Male/Female):.....	7. Nationality:.....

8. Contact Information: Present official Address (Valid until date.....)

.....
.....
.....

Contact number (Please give complete Phone no. with country and city codes)

Office (Tel)Office (Fax).....

Mobile..... E-mail

Important

- a) It is essential that full passport details are mentioned in the Application Form Or provided to the Centre at the earliest.
- b) Application Forms without passport details may not be considered.
- c) Providing alternate email-id, phone would ensure timely communication with applicants.
- d) Please note for faster communication with the applicants CSSTEAP Secretariat will be using your email-id for all purposes (e.g. Admission letter, air tickets and logistic arrangements).

9. Your permanent home address (in your country)

.....
.....
.....
Contact number (Please give complete phone no. with country, city codes) which will be useful to contact your family members in case of emergency.

Home (Tel):

Home (Fax): :

Email (alternate preferably Gmail or Yahoo):
(please write very clearly)

:

10. Nearest International airport (Specify the place/city): :

11. Academic Qualifications (mandatory)*

Degrees(Bachelor /Master) /Diploma	Duration of Course(mention from which year to year)	University/ Institution	Year of passing	Grade/ percentage	Major Subjects/ specialization

*(Enclose copies of Degree/Diploma/Certificates/marks/grades obtained etc. and their certified transcription in English)

Major Subjects in Last Examination: : Area of Specialization:-----

Medium of instruction/language: TOEFL Score (Proficiency in English): ----

Reading : Fair/Good/Very Good

Writing : Fair/Good/Very Good

(please tick the option)

Spoken : Fair/Good/Very Good

Enclose certified copies of marks/grades of degree, diploma, TOEFL (validity period), etc certificates and their certified translations in English).

12. DETAILS OF EXPERIENCE OF LAST FIVE YEARS

a) Present Position/ Designation: B) Present Responsibilities*

.....
Organization and complete Address:

Type of Organization (Tick): a)

Government Department

b)

Private Agency:

Date of Joining this Organization (dd/mm/yyyy):

* If necessary, attach additional sheets giving details of your technical activity during last one year.

b) Research or working Experience during past 10 years:

Name of Organization (s)	Position(s)/ Post (s) held	Nature of work done	Duration

13. (a) Activities & Projects in which your present organization is engaged (mandatory) and nature of work done or will be done

(b) Main scientific/Technical facilities available in your organization *(including approximate number and type of computers, type of software available etc.)

14. Have you done any other course from CSSTEAP (If yes, please give details including theme and year):

15. How this Course will help you in your work/organization? Please describe below.

16. Details of Passport: Please provide valid passport details below and if not holding a valid passport, please forward copy of the passport whenever available.

Passport Number	Place of Issue (City and Country)	Date of issue	Passport valid up to	Issuing Authority	Whether previously visited India if so place and date of last visit

17. Physical Fitness:

- Have you ever been infected by Covid-19 virus? If Yes, When?
- Are you vaccinated against Covid-19 virus?
- Are you suffering from any recurring/chronic/serious communicable disease which may affect your study program in India?.....
- If yes, please specify nature of illness
- Candidates are advised to attach medical fitness certificate from a government hospital or government recognized hospital on hospital letterhead

18. How do you propose to meet the international travel & stay expenses in India? Tick whichever is applicable (Preference will be given to those who will make their own travel arrangement himself/herself)

- a) SELF-SPONSORED b) CSSTEAP SUPPORT c) Other Source (Please Mention)

20. Smoking and drinking of alcohol in the office premise is not permitted. Participants are expected to maintain proper decorum while in campus & excursions.

21. The selected candidate need to abide by rules and regulation of the institute and maintain discipline harmony and will not indulge in unlawful activities in campus hostel or during educational and field visits.

22. DECLARATION BY THE CANDIDATE

I have read the Announcement brochure and will abide by the rules and regulations of the Centre. I have made / am making/have not made travel arrangements for attending the Course, and for local expenses for the period of stay in India.

Date:

Place:

Signature of the candidate

(Mandatory)

23. SPONSORING NOMINATING AGENCY CERTIFICATE

Dr/Mr./Ms.....is nominated to attend the Short Course on "Small Satellite Mission" to be conducted at Indian Institute of Remote Sensing, Dehradun, India during November 07- November 18, 2022 through offline mode. It is envisaged to utilise his/her experience in specific tasks of our organization. He/She possesses adequate knowledge of English Language required for the course.

- (a) He/She will be / will not be provided international travel support.
(b) He/She will be/will not be provided financial assistance for the period of stay in India.
(c) He/She possesses adequate knowledge of English Language required by the course

☐ } Mandatory:
☐ } Please tick
☐ } appropriate

Date.....	Signature:
Place.....	Name in Capital Letters: Designation: Phone /Fax No: E-mail:
(Official seal of the sponsoring / nominating authority including CSSTEAP GB member)	
Note: Application without official seal of sponsoring or nominating authority and their details will not be considered	

24. FORWARDING NOTE BY THE RESPECTIVE INDIAN EMBASSY/HIGH COMMISSION IN YOUR COUNTRY OR YOUR EMBASSY/HIGH COMMISSION IN INDIA.

This is to forward the application of Mr./Ms.....of(Specify the Country Name here) for the short course on Small Satellite Mission of CSSTEAP, to be held at Indian Institute of Remote Sensing, ISRO Dehradun, India, during November 07- November 18, 2022.

Date: Signature:
Place: Name:
Designation:
Phone No.:
Fax No.:
Email:

(Official Seal of the Embassy/High Commission of India either in your country or of your country in India)

N.B. Please send an advance copy of the application form duly sealed and signed by the nominating/sponsoring agency to the Course Coordinator, SSM-11, Indian Institute of Remote Sensing by fax (+91-135-2740785) or scanned copy via email (cssteap-admissions@iirs.gov.in or cssteapun@gmail.com) for quick processing.

IMPORTANT

- The Application which is not complete in all respects is likely to be rejected.
- Candidates must attach copies of certificates of:
 - ✓ Medical fitness to attend the course including Chest X-ray (PA), Blood Test (including Random Blood Sugar, HIV, HBs, Ag), Urine complete (in case any medical information requiring attention is hidden and if found during the course, the Centre will be compelled to send the candidate back home at the cost of nominating agency or candidate.
 - ✓ Highest degree obtained (Degree certificate and marks sheet/grade card)
 - ✓ Proof of Proficiency in English needs to be provided or certificate provided by the nominating agency.
 - ✓ All Degree Certificates, if not in English, may please be translated in English and attested by the Head of the organization or transcript in English can also be submitted.
- Smoking and consuming alcoholic drinks in class room and office campus is prohibited.
- Expectant mothers are advised to take a judicious decision before applying and joining the course.
- Submission of Covid-19 negative report by country's authorized medical agency is must at the beginning of the course
- Candidate is required to strictly follow all necessary Covid-19 guidelines recommended by Government of India