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

(AFFILIATED TO THE UNITED NATIONS)

ANNOUNCES

30th PG COURSE IN RS & GIS

ACADEMIC YEAR
2026–2027

CONDUCTED AT

Indian Institute of Remote Sensing (IIRS)

Indian Space Research Organization (ISRO)
Department of Space, Government of India,
4 Kalidas Road,
Dehradun, India – 248001
www.iirs.gov.in | www.cssteapun.org

CSSTEAP Governing Board Members and Special Invitees during 30th GB Meeting in Bengaluru on December 30, 2025

CSSTEAP

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For Further detail kindly see our website (www.cssteapun.org)

CSSTEAP

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CSSTEAP

CSSTEAP Headquarters at Dehradun

INTRODUCTION

Space science and technology plays a very important role in improving the quality of life of today's human society for information and decision making. Most noticeable among these are communication, television, telemedicine, satellite navigation, remote sensing data, weather forecasting, disaster mitigation through emergency mapping, etc. All countries, irrespective of rich or poor, have realised the importance of space technology for improving the living conditions of their citizens. Therefore, all countries should have access to space technology and must share the equitable benefits. The global satellite data availability has made it possible for all countries to get benefits. However, a major precondition to successful space technology applications is the development of essential indigenous capabilities, particularly human resources. A consensus emerged within the international community that if effective assimilation and appropriate application of space technology are to succeed in the developing countries, efforts must be made at different levels for capacity building in space technology. Towards this, the United Nations General Assembly called for the establishment of Regional Centres for Space Science and Technology Education at the regional level in the developing countries. Under the auspices of the United Nations, through its Office for Outer Space Affairs (UN-OOSA), the six regional Centres established are: Asia and the Pacific (India), Latin America and the Caribbean (Brazil and Mexico) Africa (Morocco and Nigeria), West Asia (Jordan) and Regional Centre for Space Science & Technology in Asia and the Pacific (China). All the Centres are affiliated to the United Nations through UN-OOSA.

ABOUT REGIONAL CENTRE FOR ASIA AND THE PACIFIC IN INDIA

The Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) was established in India in November 1995 with its headquarters in Dehradun and is considered as the Centre of Excellence by UN-OOSA. The 1st campus of the centre was established in Dehradun, India at Indian Institute of Remote Sensing (IIRS) which is a unit of Indian Space Research Organization (ISRO), Government of India. The Centre has arrangements for conducting long and short term courses with IIRS, Dehradun for RS & GIS course; Space Applications Centre (SAC), Ahmedabad for Satellite Communication (SATCOM), Satellite Meteorology and Global Climate (SATMET) and Global Navigation Satellite System (GNSS), with Physical Research Laboratory (PRL), Ahmedabad for Space & Atmospheric Science (SAS) course and UR Rao Satellite Centre (URSC), Bengaluru for Small Satellite Mission (SSM) and National Remote Sensing Centre (NRSC), Hyderabad for data acquisition and data processing.

The Centre has been imparting training and education, helping participants in developing research skills through its Master Degree, Post Graduate and Certificate programmes. This is achieved through rigorous class-room (theory and hands on exercises), group discussions, field campaigns and pilot projects in the field of space science and technology. These programmes aim at capacity building for participating countries, in designing and implementing space-based research information and application programmes. The Centre also fosters continuing education to its alumni.

"It is emphasized that the overall mission of the centre is to assist participating countries in developing and enhancing the knowledge and skills of their citizens in relevant aspects of space science and technology in order that such individuals can effectively contribute to national development programmes".

AFFILIATION TO THE UNITED NATIONS

The Centre has entered into a cooperative agreement with the United Nations which states that the United Nations will cooperate with the Centre by providing expert advice, educational curricula, technical support, necessary documentation and other appropriate support.

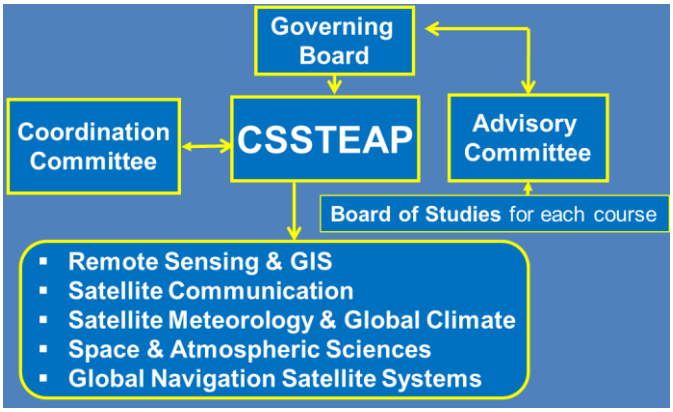
EDUCATIONAL PROGRAMME AND COURSES

The educational programme of the Centre is oriented towards the dissemination of knowledge in relevant aspectsof space science and technology. The emphasis of the Centreis to deliberate on education and research for naturalresource management along with linkages to the global programmes/databases, pilot studies, continuing education& awareness and appraisal programmes. The curriculum hasbeen developed under the auspices of the UN Office for Outer Space Affairs (UN-OOSA) and the guidelines emerged from themeetings held for Education Curriculum Development for theCentre at Granada, Spain in February/March 1995. These curricula are reviewed periodically by an International Advisory Committee. The activities of the Centre are guided by a Governing Board, Academic Advisory Committee and respective Board of Studies.

(i) Post Graduate Courses

P.G. Diploma Courses ofnine months duration is organized in the following disciplines:

- Remote Sensing and Geographic Information System (RS and GIS) (IIRS, Dehradun)
- Satellite Communications (SATCOM) (SAC, Ahmedabad)
- Satellite Meteorology and Global Climate (SATMET) (SAC, Ahmedabad)
- Space and Atmospheric Sciences (SAS) (PRL, Ahmedabad)
- Global Navigation Satellite Systems (GNSS) (SAC Ahmedabad)



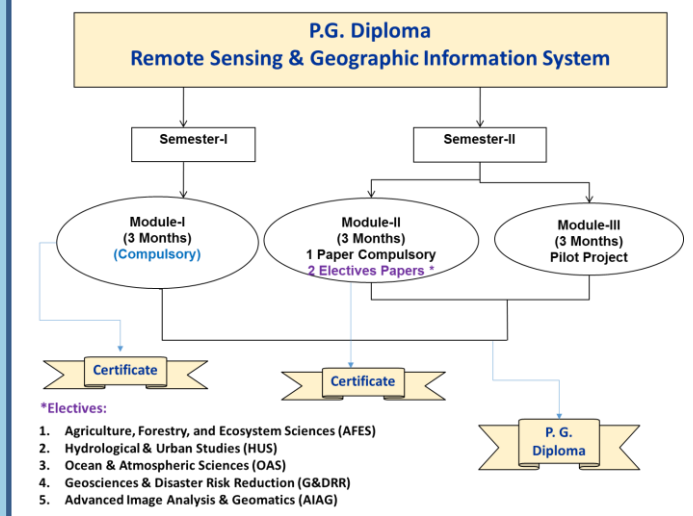
Core Modules (Semester I and II) emphasize on the development and enrichment of the basic knowledge and skills of the participants in the technology. This is followed by pilot study, which provides an opportunity to fine-tune the skills for executing theme-based study.

(ii) Short Courses: Besides P.G. level courses, the Centre also conducts short term courses of two to four weeks duration in specific themes of above subjects regularly.

CSSTEAP 29 RSGIS Participants in IIRS Campus

Flexible Participation

To enhance participation, a flexible mode of learning has been introduced. Participants may opt to complete only the first module of three months and receive a certificate. Alternatively, they may continue up to the second module and exit thereafter with a certificate. Those who successfully complete all three modules—covering the first two modules over a total duration of six months and the final module of three months—will be awarded a Post Graduate Diploma by CSSTEAP.



CSSTEAP 29th RS&GIS participant's field visit

PROGRAMMES CONDUCTED

The Centre has so far conducted 73 post graduate courses, 28 RS&GIS, 14 in SATCOM, 13 each in SATMET & SAS and 5 in GNSS courses. Currently 28th RS&GIS course at IIRS Dehradun, 14th SATMET course and 05th GNSS course at SAC Ahmedabad are in progress. The Centre also conducted various short courses in specific themes. More than 4000 participants from Asia Pacific Region and 28 countries from outside Asia-Pacific region are benefited from these courses.

NEXT COURSE: 30th P. G. COURSE IN RS & GIS

Duration : July 1, 2026 to March 31, 2027

Venue : Indian Institute of Remote Sensing
Indian Space Research Organization
Department of Space,
Govt. of India
Dehradun - 248 001.
Uttarakhand, INDIA

Number of seats : **20**

: 05 Additional Paid Seats

IMPORTANT DATES

Last date for receipt of applications: March 15, 2026

Information of selection **:** May 15, 2026

Commencement of course **:** July 01, 2026

Completion of PG diploma **:** March 31, 2027

Paid Seats

Five paid seats are available for Private & Self sponsored candidates from different countries to encourage and enhance participation opportunity for professionals/researchers and those working in industry.

For the paid seats tuition fee i.e. US $ 6000, sustenance expenses for the training period and to and for travel expenses have to be borne by the candidate/organization.

First preference in selection will be given to eligible self-sponsored candidates.

WHO CAN APPLY?

The course is designed towards the professionals and specialists working in the university system, educational institutes, and involved in active research in Natural Resources (biological and physical) and Environmental management.

It is strongly expected that the participating officials/scholars will be able to:

- Serve as catalysts for furthering the skills and knowledge of other professionals in their countries.
- Contribute to policy making, planning, development and management of Remote Sensing & GIS and its applications in their countries.
- Enhance the self-reliance of their countries so as to lessen dependence on external experts.

HOW TO APPLY?

Applications are invited from candidates in countries of Asiaand the Pacific Region for the 30th P.G. Course in RS and GIS(www.cssteapun.org). All the candidates need to be either nominated or sponsored (i.e. endorsed) by recognized institutions (e.g. departments, ministries or universities in their respective countries). Nominating or Sponsoring institutions/ authority should ensure that on return, the scholar will be givenan opportunity to work in a development oriented activity in thearea of newly acquired knowledge and skills.

Please fill up the **ONLINE APPLICATION FORM** available at CSSTEAP website (www.cssteapun.org). **Offline applications will not be considered.** Step by step instructions to the Applicants for filling online application form are provided in the website.

Note:

Candidate is required to upload Sponsoring/Nominating Agency Certificate with Official Seal, and or forwarded by Governing Board member of CSSTEAP in your country to The Indian Mission/High Commission in your respective Country or through your country's Embassy/High Commission in New Delhi, India for further processing. For List of Governing Board members please refer CSSTEAP website www.cssteapun.org

The application should be completed in all respects and accompanied by attested and/or certified copies of all the certificates (School, Bachelor and Master, TOEFL, English Proficiency, etc.). Wherever, if these certificates are issued in a language other than English, then the same must be translated in English and certified by the Head of the organization Department or provide English transcription of all such documents.

Since the medium of instruction is English, therefore, the writing/ reading/speaking knowledge of English is mandatory. Nominating/ sponsoring agency may kindly note and ensure above condition before forwarding the application. On arrival in India if the candidate in unable to communicate in English, the candidate will be sent back to his/her country either at the cost of nominating agency or the candidate, himself/ herself.

ELIGIBILITY FOR ADMISSION

Master's degree in science or Bachelor's degree in engineering or equivalent qualification relevant in the field of study with at least 5 years of experience in teaching/research or professional experience in the field of natural resources or environment, e.g. agriculture, soils, forestry, ecology, geosciences, water resources, human settlement, land use planning, oceanography, environmental analysis, etc. (For candidates with higher qualifications, the minimum experience may be relaxed). High School-level knowledge in mathematics and/or statistics is essential besides the Master degree as base qualification.

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73 PG courses

(1169)

28 RS & GIS

14 SATCOM

13 SATMET

13 SAS

5 GNSS

116 short courses

(3211)

66 RS & GIS

08 SATCOM

11 SATMET

11 SAS

03 GNSS

14 SSM

02 Space Science

4380 participants from 38 AP countries and 98 participants other than AP countries

International hostel for course participants at IIRS Dehradun

Indian Institute of Remote Sensing (IIRS) Campus, Dehradun

Important
The applicants are advised to bring original documents including academic testimonials for verification at the time of reporting in India.

SELECTION PROCEDURE

The Centre will select the candidates through a well laid procedure, which includes satisfying academic eligibility, proficiency in English language, funding/forwarding by sponsoring authority/organization, country representation, etc. **Only selected candidates will be intimated by May 15th,2026**.

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.

Once a candidate has been sponsored and admitted, the sponsoring authority/ organization or candidate need to inform at least 15 days in advance for withdrawal or cancellation of the candidature. If the sponsoring authority wishes to call back its candidate for any unknown reasons after joining the Centre or in the middle of the course, the to and fro travel cost need to borne by either sponsoring authority or by the candidate itself.

ABOUT HOST INSTITUTE

ISRO is a premier government organization in India for space science and technology missions and developments. IIRS (est. 1966) is a unit of Indian Space Research Organization, Department of Space, Government of India and is mandated for education/training in Remote Sensing, Geoinformation Science and GPS technologies. It is a premier institution in imparting training and education in basic technologies and their applications for natural resource management.

The institute has very strong R&D programme. The endeavor of the institute has been to bring young, middle as well as senior thematic experts from user communities to educate/apprise about technology/ applications at Post Graduate level with the overall goal of 'technology transfer' and user awareness. The institute has evolved many programmes tuned to the different needs of various target groups.

IIRS addresses the cause, awareness and research needs at different levels of management, and therefore, conducts a variety of courses for the different categories of users and fresh students viz., M. Tech., M.Sc., PG Diploma, 2 months National Natural Resource Management System (NNRMS) sponsored courses for University faculty, 2 weeks on demand Special Courses, 1-week duration Overview Course for Decision Makers and tailor-made courses for users departments from India and abroad.

IIRS has so far trained 16270 trainees including 1665 foreign students from various countries of Asia, Africa and Latin America have also benefitted under SHARES Fellowship programme of the Department of Space, ITEC / SCAAP fellowship scheme of the Ministry of External Affairs, Government of India, other fellowship schemes, etc. For further details visit www.iirs.gov.in

FACULTY

Centre's core faculty is drawn from IIRS and also from other centers of ISRO/DOS, universities and premier agencies from India and abroad. They have long and varied experience in the field of RS & GIS technology and its applications. The faculty has a strong scientific background with a number of research publications, experience of participating in international scientific programmes, organizing a number of courses, etc. to their credit. Time to time experts from various disciplines both at national and international level are also invited to deliver lectures on advance and specialized topics. Experts from USA, UK, The Netherlands, Germany, Thailand, Australia, Japan, UN-OOSA, UN-ESCAP, UN-SPIDER etc. have deliveredlectures.

MEDIUM OF INSTRUCTIONS

The medium of the instructions/teaching is English. Proficiency in written and spoken English is most essential. **The candidates who are not proficient in English are advised not to apply.** Applicants, who have done their higher studies in a medium (language) other than English, are required to submit TOEFL score or a diploma/certificate of English language issued by an accredited language institution or by the local UNDP for satisfactory establishment of the applicant's competence in spoken and written English language. Preference will be given to those who secure high score in TOEFL examination. **Nominating agencies are requested to ensure this.**

TEACHING METHODS AND FACILITIES

Modern facilities exist at the Centre for class-room teaching and practical instructions/demonstrations. Printed as well as digital course material of the lectures is supplied. The teaching methods include class room lectures, video lectures, computer based training packages, laboratory experiments, group discussions, demonstrations, seminar presentations and field work/case studies (as applicable). Computer-based interactive multimedia packages are also available for self-learning/ revision. The laboratories are equipped with latest Image processing and GIS software. Each participant is given individual computer system. One of the major strengths of the institute is its library with latest subject literature, text books, e-books, online-journals, etc.

TECHNICAL & EDUCATIONAL VISITS

As a part of the course curriculum, the participants will have the opportunity to visit different centers of ISRO / Dept. of Space, Govt. of India and other organizations concerned with Remote Sensing and GIS related research.

PEFORMANCE EVALUATION

The performance of the participants is assessed through written, interactive-sessions and/or computer-assisted practical exercises. Independent assessments of theory and practical exams are conducted by external and internal faculty. The participants need to pass each examination paper. Participants, who fail to qualify in the examinations in the nine months course, may be considered for award of only a **"Certificate of Attendance"** by the Centre.

AWARD OF DIPLOMA

On successful completion of the nine- months course, the participants will be awarded Post Graduate Diploma. Certificate of Attendance will be given tothe candidates who fail to clear the examination.

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CSSTEAP 28th RS&GIS participants with Chairman, ISRO
Dr. V. Narayanan

COURSE EXPENSES

The overall expenses of the course are given below. This does not include international travel (to and from the city of the course participant to course venue):

- Course Fee : US $ 6000 per participant
- Local tours : US $ 750 per participant (Approx)
- Living expenses : US $ 2000 per participant (Approx)

The participants are expected to find suitable sponsorships or funding for meeting the expenses while attending the course in India. Preference will be given to such candidates.

FINANCIAL ASSISTANCE

To encourage the participants from the Asia-Pacific region, selected participants will be waived-off the course fee and local tours. Furthermore, financial assistance will be provided to a few of the selected candidates as below:

Living expenses in India:	INR 31,000 per month for the duration of 9 months.
Book allowance:	INR 2,000 (one time)
Project allowance:	INR 1,500 (one time)
Local tours:	INR 50,000 (as per actuals)

SUPPORT FROM UN-ESCAP

UN-ESCAP has been providing financial assistance to CSSTEAP educational programmes and has extended travel grants to a good number of course participants since its inception. This contribution by UN Agencies is highly supportive to the overall activities of the Centre.

The Centre may offer help to obtain financial assistance for international travel for a limited number of participants of the Asia-Pacific region through agencies like UN Office for Outer Space Affairs (UN-OOSA), UN Economic and Social Commission for Asia and the Pacific (UN-ESCAP).

INSURANCE

Medical, life and disability insurance should be undertaken before leaving their country for India by the participants themselves or on their behalf by their sponsoring institute/organization for covering entire health and disability risks. No medical expenses will be borne by the Centre. However, participants who receive the Fellowship of the GOI will be paid medical expenses for minor ailments on actual basis (as an out patients only) as and when such expenses are incurred. The Centre will have limited liabilities as far as medical expenses are concerned in such cases. Candidates in sound physical and mental health only need to apply.

Medical fitness certificate from Authorized Government medical officer covering status of Eye, Chest (Tuberculosis), Vaccinations, heart, lungs, liver, spleen, Hydrocele, skin & V.D., Hepatitis, HIV, Yellow fever and other contagious diseases be enclosed with the application form.

In case if any information requiring medical attention is hidden and if found during the course, the Centre will be obliged to send the candidate back home any time. The travel cost will be borne either the nominating/sponsoring authority or by the candidate itself.

CSSTEAP 29th RS&GIS participants with former Chairman, ISRO Dr. S Somanath

LIFE AT CENTRE

It is mandatory for all the course participants to stay in the Centre's hostel situated in the IIRS Campus. This gives an opportunity for participants to interact and share their knowledge and cultural values. Accommodation on single occupancy basis is provided to all the selected participants. The campus is equipped with good living facilities, like independent kitchenette, gymnasium, tennis court, etc. Boarding and other expenses towards consumables are to be borne by the participants themselves. Limited medical facility, doctor's consultation for common health problems such as fever, cough/cold, minor injuries etc. will be available in the campus as an OPD patient. Since India is country of festivals, unique socio-cultural values, religions, languages, etc. the participants would get to know about different colorful festivals throughout the year.

Accommodation:

Single room fully furnished accommodation with a kitchenette in the Hostel (for course participants only), at a nominal charge of Indian Rupee 120/- per day + electricity charges.

Participant can also opt for Indian food at an additional charge of (Indian Rupee 3000/- per month approximate) at the Central Dining Facility (CDF) of IIRS.

RS&GIS COURSE AT A GLANCE

- Semester-I consisting of Module-1 is of four months duration. Module-1 covers topics like Fundamentals of Remote Sensing (FRS), Digital Image Processing (DIP), Advances in Remote Sensing (ARS), Geo informatics, and Guest Lectures. This module also includes field visits for participants to explain the concepts and deeper understanding of thesubject. The students also have to make a seminar presentation. Participants are also taken for educational visits to various scientific organizations. The participants are also evaluated through internal and semester end examination.
- Semester-II consisting of Modules-2 & 3 of five months duration. Module-2 is for two months duration whereas Module-3 is of three months duration. In module-2 the participants are required to study Natural Resource & Environmental Management (NREM) as compulsory papers and opt for any one electives within which two papers have to be studied. The compulsorypapers focuses on various aspects of natural resources management, sustainable development goals and disaster risk reduction. The electives have to be chosen from Agriculture, Forestry, and Ecosystem Sciences (AFES), Hydrological & Urban Studies (HUS), Ocean & Atmospheric Sciences (OAS), Geosciences & Disaster Risk Reduction (G&DRR) and Advanced Image Analysis & Geomatics (AIAG). Based on the electives opted participant have two study two papers which give in depth knowledge of space based application and technologies which helps to apply knowledge in Module-3 for their pilot project.
- As part of continuous improvement and development of course curricula Fundamentals of Space Science & Technology (FSST) and Space Economy and Management have also been included in syllabus.

CSSTEAP 28th RS&GIS participants with Director CSSTEAP

CSSTEAP 28th RS&GIS participants Valedictory Function

RS&GIS Syllabus Overview

Module-1 (~3months)
Fundamentals of Remote Sensing (FRS)
• Physics of Remote Sensing • Spectral Signature, In-situ measurements and Visualimage interpretation • Platforms & Sensors • Remote Sensing Data Errors, Data Products, and their sources • Principles of Thermal Remote Sensing
Digital Image Processing (DIP)
• Statistics for Image Processing • Image Pre-processing • Image Enhancement • Image Transforms & Fusion • Image Classification
Advances in Remote Sensing (ARS)
• Hyperspectral Remote Sensing • Microwave Remote Sensing • Terrain Feature Extraction • LiDAR Remote Sensing • Change Detection
Geoinformatics
• Overview of GIS • Data models, and Data Quality • Spatial Data Analysis • GIS data Dissemination and Visualization • Trends in Geoinformation Management
• Educational Tour
• Semester End Examination
Module-2 (~3months)
Natural Resource & Environmental Management (NREM)
• NREM-1: Concept of Sustainable Development • NREM-2: Integrated water resources & agriculture management • NREM-3: Monitoring of forest resources & urban regional studies • NREM-4: Monitoring of geological, ocean & marine resources • NREM-5: Hazard mapping, monitoring & climate change studies
• Fundamentals of Space Science & Technology (FSST) and Space Economy and Management
Elective Papers
• Agriculture, Forestry, and Ecosystem Sciences (AFES) • Hydrological & Urban Studies (HUS) • Ocean & Atmospheric Sciences (OAS) • Geosciences & Disaster Risk Reduction (G&DRR) • Advanced Image Analysis & Geomatics (AIAG)
• Semester End Examination
Module-3 (~3months)
Pilot Project & Seminar Presentation

- In Module-3 participants are required to work on a three months pilot project pertaining to their field of expertise under the guidance of faculty. Participants are encouraged to choose study area as their country and topics helpful for their departments. The main components of the pilot project study are given below:

  - Literature survey
  - Pilot project in the domain of Remote Sensing and GIS Technology applications in Natural Resources and Environment Management Planning and design of the
  - project
  - RS data products Identification and acquisition
  - Ground data collection and field verification
  - Analysis and results
  - Documentation and generation of report
  - Project seminar

At the end of the project the candidate has to make a presentation in front of a committee and defend his work. Successful candidates are awarded Post Graduate Diploma and top three participants are awarded with merit certificate and medals during the valedictory session.

ABOUT THE CITY

Dehradun city, often called as Doon Valley, is at the base of chain of one of tallest mountains in the world in Western Himalayas in northern India. It is one of the educational hubs in India. Weather is moderate during March to May. The hill station Mussoorie, the Queen of hills, is 30 km from here and experiences snowfall during winter. Fairly heavy monsoon rains (average annual rainfall 2000 mm) prevail during June to September. Winter is severe during the months of December to February (minimum temperature occasionally touches 1 to 2 degree Celsius).

The valley has good greenery and is surrounded by dense tropical to temperate forests and pastures and provides pristine environment for academic pursuits. IIRS Campus is about 6 km from Dehradun railway station and about 30 kms from Jolly Grant Airport Dehradun. The place is well connected by train from New Delhi, Kolkata (Calcutta), Mumbai (Bombay), Lucknow and by road from New Delhi. By air it is well connected with Delhi. Haridwar and Rishikesh, the two famous pilgrim centers are about 60 and 40 km, respectively from city. The Western Himalayas are well known for wonderful landscape, mountaineering, tracking, trails and river rafting.

Several important national organizations/institutions are located here. Some of important ones are: Indian Council of Forestry Research and Education, Indira Gandhi National Forest Academy, Forest Survey of India, Wildlife Institute of India, Survey of India, Oil and Natural Gas Corporation Limited, Central Soil and Water Conservation Research and Training Institute, Botanical Survey of India, Zoological Survey of India, etc. There are a large number of tourist places in and around the city.

Clock tower landmark of Dehradun city.

ALUMNI MEET

Alumni meets are organized to develop a network and to establish meaningful linkages between CSSTEAP, faculty and its past students. Such meets were held in Nepal, Bangladesh, Sri Lanka, Bhutan, Myanmar and Philippines in the past. The center proposes to hold 2-3 such meetings in coming years in different countries with local support.

How to apply online for the course

Instructions to the Applicants for filling online application form:

- The Website is best viewed in Firefox ver.70.x, Chrome ver.84.x, and Edge latest version.
- Please register with valid e-mail, after successful registration e-mail will be triggered at given e-mail address to activate the account.
- To activate your registration login with credentials with the activation link that sent on your already registered e-mail.

Note: In case the e-mail is not delivered on inbox, Please check the spam folder.

- Before submitting the online application form, the applicants are requested to go through the course brochure carefully (eligibility and documents required etc)
- Submit online application form well in advance along-with legible and scanned copies of all required documents.
- If the documents are in a language other than English, then translation certificate should be uploaded.
- **The documents should be uploaded in valid scanned .pdf format (with file size limit between 25KB to 500KB).**
- Recent scanned copies of passport-size photograph and Signature should be uploaded in jpeg, .jpg or .png format (with file size limit between 10KB to 100KB).
- The applicants are advised to fill in all their particulars carefully in the online application form.

Important Note: Applicant is required to upload sponsoring/nominating agency certificate with official seal, and or forwarded by the Governing Board Member (GB) of CSSTEAP (please refer to the list at www.cssteapun.org if any GB Member of your country is in the list). Indian applicants need not to send through GB member.

- The completed form along with all the attachments is to be sent either to the Indian Mission/High Commission in your respective country or through your country's Embassy/High Commission in New Delhi, India for further processing. The Embassy/HC will forward your application to CSSTEAP. Indian applicants need not to send through Missions.
- Applicants are advised to retain the printout of the finally submitted online application form.
- **Please be noted that the online application form is not editable after final submission.**
- In case of any difficulties while submitting online application form please e-mail at websupport@iirs.gov.in
- Kindly refer to the brochure for last date of submission of online application form.

OUR ALUMINIS

The 9-month Post Graduate Diploma (PGD) course in Remote Sensing and GIS at IIRS has been highly beneficial to my academic and professional development. The program provided a strong foundation in satellite image processing, GIS-based spatial analysis, and practical applications of geospatial technologies. Through intensive hands-on training and project-based learning, I gained strong technical knowledge in handling multisource remote sensing data and applying analytical techniques to real-world problems related to water resources and environmental monitoring. Most importantly, the academic exposure and research-oriented training gained from this PGD course equipped me with the necessary knowledge and confidence to pursue higher studies. After completing the program, I had the opportunity to enroll in a PhD program at IIT Roorkee, India, which marks a significant milestone in my academic journey. This course has played a vital role in shaping my research direction and future career in geospatial science.

Name: Mr. Manh Hoang Tieu
Country: Vietnam
Designation: PhD Scholar in WRDM, IIT Roorkee

I am a student of the 24th Batch of RS & GIS Diploma Course which is during the 2019–2020 academic year. I studied the new technology related of remote sensing, geological information system and geo-informatics. I completed my diploma project on Near Real-Time Flood Mapping for Emergency Response by integrating Google Earth Engine with GIS. In this project, I used QGIS together with free satellite imagery accessed through Google Earth Engine (GEE) to produce automatic flood maps. This work enabled me to deliver timely and reliable information to decision-makers during flood disaster situations.

After completing the course, I was able to integrate the acquired knowledge and technical skills into my daily work. Especially, I successfully applied these techniques within my department by producing flood maps for the 2023 monsoon-seasonal Flood and the 2024 Kachin State Flood. These outputs applied new methods and provided accurate, science-based information within a short timeframe.

Name: Ms. Su Nandar Myint
Country: Myanmar
Designation: Deputy Director

As time has passed, I have become more aware of how valuable and timely the knowledge gained from the PG course was. My previous knowledge of geography and physics would have been less useful and applicable in practice without the modern skills of remote sensing. Thanks to these courses, I have not only acquired modern skills, but also gained invaluable experience in writing and presenting scientific works in accordance with international requirements. Thanks to this course, I was able to be a pioneer in the study of glaciers using radar images and the mapping of glaciers using unmanned flying vehicles in the country, and I continue this scientific work to this day. I would especially like to thank my academic supervisors for their openness and new ideas. I was particularly impressed by their professionalism and knowledge of my research territory. They correctly identified the relevant tasks and provided all the necessary support to solve them. I wish the entire CSSTEAP and IIRS team happiness, health, and continued professional growth, as has been proven over the decades, which also helps others.

Name: Mr. Emilbek Zholdoshbekov
Country: Kyrgyzstan
Designation: Senior lecturer

The 9-month Post Graduate Diploma (PGD) course in Remote Sensing and GIS at IIRS has been instrumental in strengthening my professional capacity as a researcher. The program provided a comprehensive understanding of geospatial theory combined with intensive hands-on training in satellite data processing, GIS analysis, and Earth observation applications. The course significantly enhanced my expertise in hydrology, flood risk assessment, land-use/land-cover analysis, and environmental monitoring. The practical exposure to real-world case studies and advanced geospatial tools improved my ability to conduct robust, reproducible research and contribute to high-impact scientific publications. The knowledge gained from this PGD program continues to support my work at BRIN and my involvement in international research collaborations, making it a valuable milestone in my career development.

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Name: Dr. Erni Saurmalinda Butar Butar
Country: Indonesia
Designation: Researcher

Course: 27th RS&GIS PGD Course (2023-24) The 9 month Postgraduate Diploma in Remote Sensing and GIS was a transformative program that equipped me with industry relevant, multidisciplinary geospatial skills. The course offers a strong balance of theory and hands on training, enabling students to confidently apply Remote Sensing and GIS in real world contexts. I selected Marine and Atmospheric Science modules in the second semester, which complemented my BSc background in Fisheries and Marine Science with specialization in Oceanography and Marine Geology, highlighting the program's flexibility to suit diverse academic backgrounds. Through this diploma, I developed solid competencies in processing and analysing a wide range of remote sensing data, applicable not only to oceanography but also to agriculture, water resources, disaster management, human settlement, land use planning, and environmental conservation. The practical, project based learning enabled me to contribute meaningfully to initiatives with government institutions and NGOs.

Name: Mr. W.A. Kasun Indika Wanasingha
Country: Sri Lanka
Designation: Researcher

Participating in this program has been highly beneficial to my professional work in the field of Remote Sensing and GIS. The course provided valuable opportunities for both reskilling and upskilling through a well-balanced combination of theoretical knowledge and practical training. The skills and knowledge gained can be directly applied to professional work within organizations and in diverse national contexts.
Moreover, the program is supported by experienced lecturers and researchers who are always willing to provide guidance on technical challenges, research questions, and project development, whether for small-scale projects or initiatives intended for further application in one's home country. The learning environment also encourages academic and technological exchange among participants from various countries, creating opportunities to share techniques, tools, and innovative approaches.

Name: Mr. Thitipong Boontan
Country: Thailand
Designation: Research Administration Officer

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