

On a mission of capacity building, under the initiative of the UN, for Asia and the Pacific region in space science and technology, through excellence in education, training and research.

ABOUT CSSTEAP:

- In its resolution 45/72 of December 11, 1990, the United Nations General Assembly (UN-GA) endorsed the recommendation of the Committee on the Peaceful Uses of Outer Space (COPUOS) to establish Regional Centres for Space Science and Technology in developing countries.
- Centre for Space Science & Technology Education in Asia and the Pacific (CSSTEAP) located at Indian Institute of Remote Sensing, Dehradun is the 1st Regional Centre of UN-OOSA established in 1995.

CSSTEAP has 17 GB members and two observers for guiding the activities of the Centre

EDUCATIONAL PROGRAMMES:

PG Courses

- Remote Sensing and Geographic Information Systems (RS&GIS), Every Year
- Satellite Communication (SATCOM), Alternate Odd Year
- Satellite Meteorology and Global Climate (SATMET), Alternate Even Year
- Space and Atmospheric Science (SAS), Alternate Even Year
- Global Navigation Satellite Systems (GNSS), Alternate Odd Year

Continuity of Education

- Candidates successfully completing above PG courses can get M.Tech degree.

Theme Oriented Short Courses

- Small Satellite Mission
- Natural Resources Management
- Weather Forecasting
- Disaster Risk Reduction
- Advanced Technology

Off Campus Training Programs:

- Based on request from member countries, off campus trainings are conducted in Asia Pacific region.

HIGHLIGHTS:

- Till date Centre has conducted 55 PG Diploma courses (22 in RS & GIS), 11 in SATCOM, 10 in SATMET, 10 in SAS and 02 in GNSS) and 53 Short courses.
- Programmes have benefitted 1976 participants (916 under PG courses and 1060 under Short Courses) from 55 countries (36 countries in the Asia-Pacific region and 19 countries from outside Asia Pacific region).
- M.Tech. degree awarded to 155 students (74 in RS & GIS; 41 in SATCOM; 19 in SATMET and 21 in SAS) from 16 different countries.



CSSTEAP Headquarters, Dehradun



Indian Institute of Remote Sensing, Dehradun



ISRO Satellite Centre, Bengaluru



Physical Research Laboratory, Ahmedabad



ISRO Satellite Centre, Bengaluru



Participants meeting with VC, Andhra University, Visakhapatnam



Participants visit to Satish Dhawan Space Centre (SDSC), SHAR, Sriharikota



Off campus training program at Yangon, Myanmar on "Post Disaster (Earthquake) Rapid Damage Assessment" 28 March - 1 April 2017



Valedictory function of 22nd PG Diploma RS&GIS Course at CSSTEAP, IIRS, Dehradun, March 2018

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FACILITIES PROVIDED TO STUDENTS:

- Monthly fellowship
- International travel support
- Single occupancy accommodation with kitchenette facilities, Gym, Sports
- 24x7 digital library
- Medical facility
- Tuition fee, course fee waived off
- English coaching
- Live lectures & video recording
- Technical Visits
- Symposium/Seminars participation
- Field visits / Institutional visits
- International experts / Lectures/ Tutorials
- Satellite data (India / International)
- Books/ Project allowance / Field work allowance
- Other administrative expenses (visa, baggage allowance etc.)

WOMEN PARTICIPATION:

CSSTEAP encourages women participation in all its programmes.

- 31.50% over all participation
- 32.25% in Long Courses
- 30.56% in Short Courses

ALUMNI MEETS:

CSSTEAP conducts regular alumni meets

- To obtain first hand feedback and to understand their role in promoting space technology in their country and
- To develop a network to establish meaningful linkages between CSSTEAP and its Alumni.

EDUCATIONAL TOURS:

- Participants are taken to educational to various scientific organizations to expose them to latest techniques and have practical information.

EXPOSURE TO ADVANCE RESEARCH:

- Participants are exposed to advanced research through participation in international seminar and symposium within India.

CULTURAL TOURS:

- Participants are exposed to Indian culture and heritage during their stay.

EDUCATIONAL DASHBOARD:

- Educational dashboard 'SWAMI' (System for Weather and Apadaa Management Information) for participants to provide country specific geo-web services and data services from various open sources and enable participants to work on their country specific projects.

CSSTEAP DIGITAL KNOWLEDGE REPOSITORY:

- Digital knowledge repository for participants to enhance their knowledge by accessing materials for all major Post Graduate Diploma Courses and also on Small Satellite Missions short course.



Participants conducting field experiments



Participants visit to Earth Station at NRSC, Shadnagar, Hyderabad



Alumni Meet at Yangon, Myanmar, March 30, 2017



Participants attending 38th ACRS Conference at New Delhi, October, 2017



Participants visit to Taj Mahal (UNESCO World Heritage Centre), Agra



Educational Dashboard for Sri Lanka



CSSTEAP Digital Knowledge Repository

Contact:

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