



GNSS Training and Capacity Building Activities by CSSTEAP *An Update*

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CSSTEAP and its Capacity Building Activities



- Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) established in November, 1995
- Hosted by Government of India
- Department of Space as nodal agency



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CSSTEAP and its Capacity Building Activities

Objectives and Commitments:

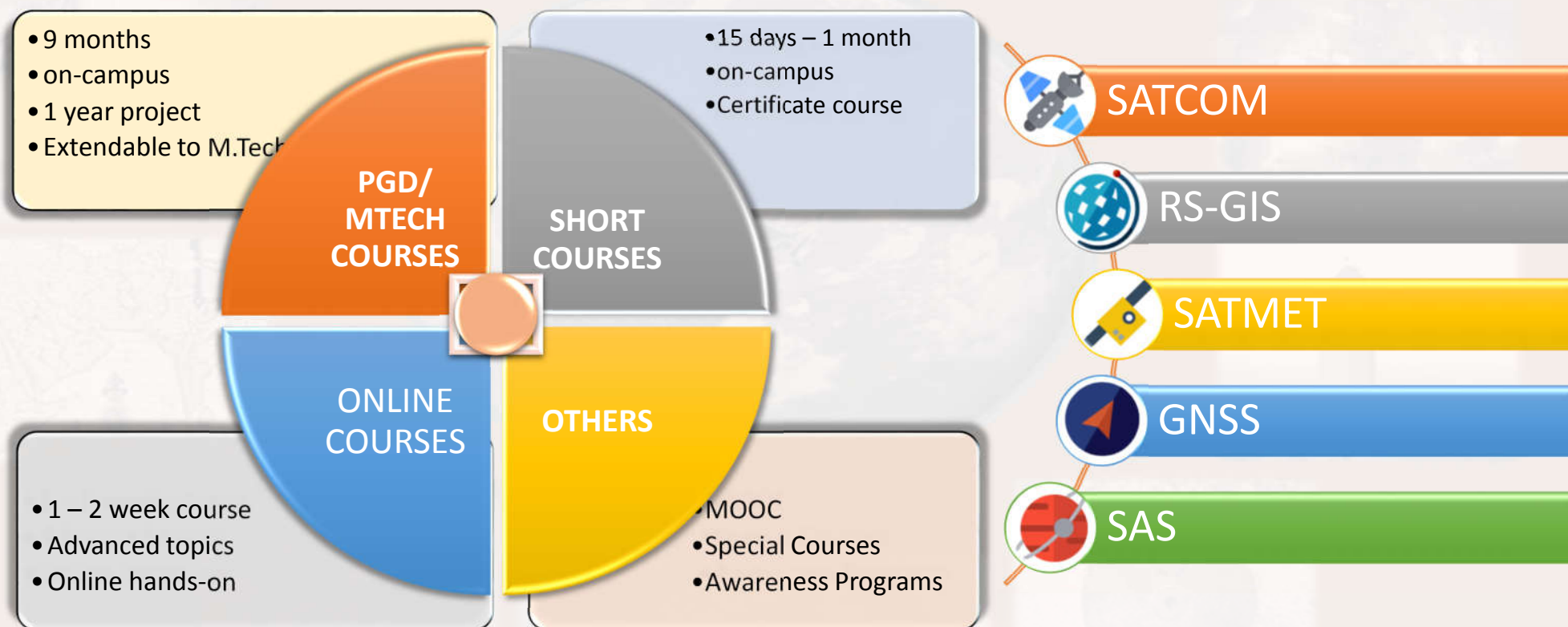
- CSSTEAP is committed to dissemination of technical information and capacity building
- “ज्ञानदानात् वृध्यते” (Gyanangdanat Bridhyate)

Member Countries:

- CSSTEAP governing body is constituted by active participation of its member countries



1 CSSTEAP and its Capacity Building Activities



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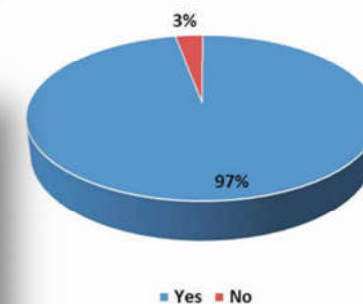
CSSTEAP and its Capacity Building Activities

CSSTEAP Courses at a Glance

- Started in 1996
- Conducted every/alternate years
- Conducted 69 PGD courses with many more short courses
- Around 1300 Participants benefitted
- More than 200 participants completed M. Tech



Has the course at CSSTEAP benefited in your carrier



1

CSSTEAP and its Capacity Building Activities



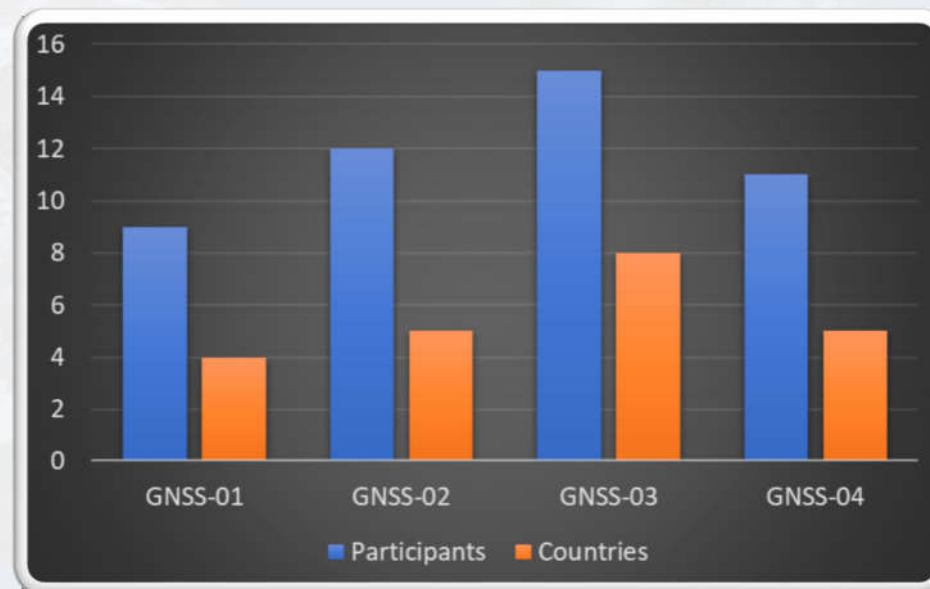
- Conducted at the centres of ISRO at different parts of India
- Supported by academia, industries and other organizations

2

GNSS Training by CSSTEAP - Update

GNSS Course at a Glance

- Started full term course from 2015: 9-month duration
- Conducted by Space Applications Centre, ISRO, Ahmedabad
- 47 participants from 14 countries benefitted
- 5 participants completed M. Tech



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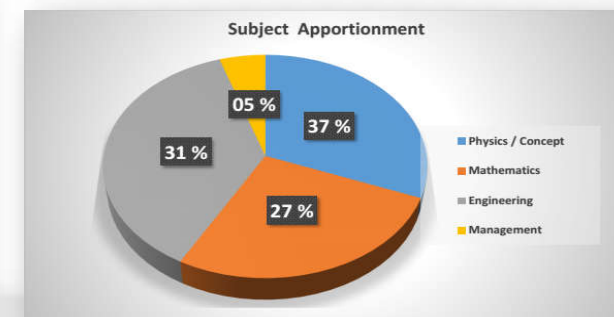
GNSS Training by CSSTEAP - Update

GNSS-04 Course at a Glance

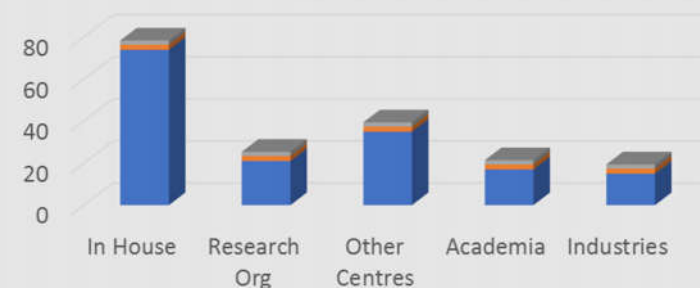
September 2022 – June 2023

What's New?

- Balanced apportionment of subjects
- State of the Art technologies included
- Pro-participant designing of course curriculum
- Faculty from different professional backgrounds
- Renowned speakers from across the nation
- Useful tools & resources in classes and labs
- Enhanced allowances



Faculty Chart



2

GNSS Training by CSSTEAP - Update

CSSTEAP Educational Facilities



GNSS Class Room



Seminar Room



Programming & Simulation Lab



Auditorium



Hostel



VC Room

Highlights

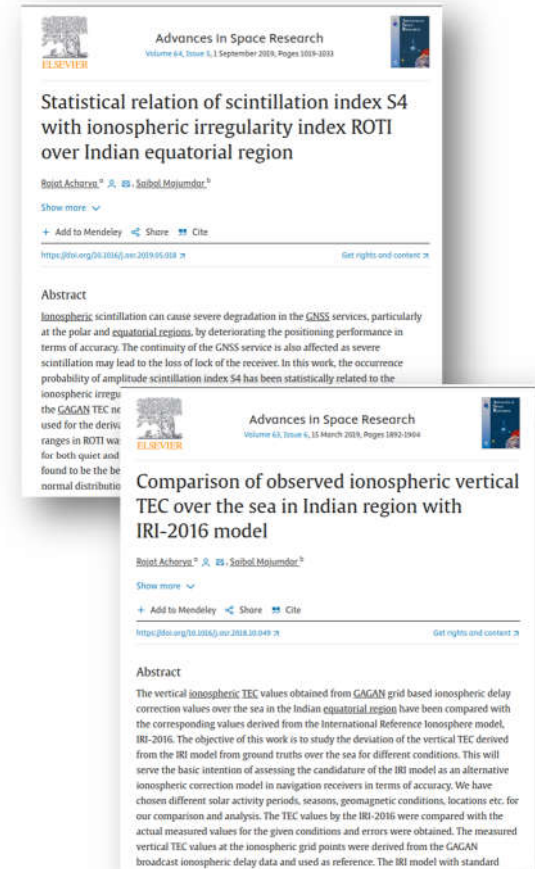
- CSSTEAP Network
- Reading cum lending library
- Seminar and VC Room
- Programming and Simulation Lab
- Recording facilities
- Auditorium for CSSTEAP

2

GNSS Training by CSSTEAP - Update

CSSTEAP Research Facilities

- CSSTEAP Participants can do project work in any of GNSS labs in SAC/ISRO with any experienced scientists as guide
- CSSTEAP participants can access dedicated knowledge repository via CSSTEAPNET
- A large section of SAC/ISRO data is made available for CSSTEAP participants
- CSSTEAP participants have the access to all available library books and subscriptions of SAC/ISRO to leading journals
- CSSTEAP participants have published research done during Course



2

GNSS Training by CSSTEAP - Update

CSSTEAP Educational Tours



- Participants are exposed to the related work in other Indian organizations and institutes and laboratories across India

2

GNSS Training by CSSTEAP - Update

The Fun Side



Highlights

- Participation in Indian festivals
- Visits to different places of interest across India
- Cultural programs
- Student's day celebration
- Games and sports

2

GNSS Training by CSSTEAP - Update

Observations

- Many applications from African countries
- African centres at Morocco and Nigeria, have their own specialities
- CSSTEAP, being conducted by ISRO, has expertise as service provider and payload and application developer
- Find scope of some kind of exchange of participants can be worked out



3

Forthcoming GNSS Courses by CSSTEAP

Online course on GNSS announced

- It is necessary to keep online training and capacity building activities open
- Announcement of online short course on “GNSS: Advanced Technologies and Applications”
- The course will be conducted from 28th November till 08th December, 2023
- Details of the course and application portal at <https://cssteapun.org>



PGD course GNSS-05 scheduled in August, 2024

- Next CSSTEAP PG course on GNSS is scheduled in August, 2024 and will be formally announced by Jan '24

