



India's efforts towards UN-CSSTEAP activities



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Preamble:

- CSSTE-AP is committed to dissemination of technical knowledge for capacity building
- CSSTEAP believes in motto - Sustainable Development through sharing of knowledge.
- CSSTEAP conducts post-graduate GNSS and SATCOM courses at SAC,ISRO in addition to other courses
- Courses have very important role to play in this post-Covid period, so that the technical knowledge sharing activity in the region does not lose momentum.
- CSSTEAP is therefore conducting full-length courses in GNSS

Full Length course on GNSS is being conducted

- Scheduled from 15th September 2022, till 15th June, 2023
- Although initial response was little sluggish, finally queries and response obtained from 11 different countries
- UN-OOSA had been very helpful in disseminating the information of this course
- 11 participants selected from different countries and professional backgrounds
- With this the total numbers of participants in last 4 GNSS courses have become 46



04th GNSS and 13th SATCOM Course running in parallel

- Common foundation module. Common concepts are taught in combined classes for better exchange of ideas and perspectives.

Modules include Fundamentals, Technologies and Applications

- Includes educational tours to many Indian establishments and organizations related to GNSS including NPL, Ground stations, Control Centres, launching centres etc.

What's New?

- Access to video recordings of the classes are being provided to students for recapitulation and better understanding of the class
- English Transcripts of class videos will be provided on request
- Seminar scope have been enhanced:
 - *Seminars on Innovative ideas are being more encouraged particularly those relevant to respective participants' countries*
- MATLAB based programs for understanding important concepts will be distributed to the students which they can run later and can tweak any parameter to see effects



Learning from Covid Pandemic Situations

Physical hard copies of reading materials replaced by soft versions

- *Less contact, reduced carbon footprint*

Travel hassles reduced by conducting some theoretical classes in online mode

- *Lecturers unwilling to travel / busy, can still take classes*

M.Tech Defence viva continued to be conducted online

- *M.Tech students completing project could give defence viva online in presence of subject expert*
- *Students didn't have to wait for congenial situations for experts visit*
- *3 CSSTEAP GNSS students have benefitted out of this over the last 1 year*

Photo Gallery



Other related CSSTEAP courses

- CSSTEAP also conduct other full length courses in SATCOM, at Space Applications Centre
- In this course, fundamental ideas of Satellite Navigation is taught and many related applications which required GNSS conjunction is described and demonstrated
- 12 courses have been completed and more than 200 participants from 16 different Asia-Pacific countries have benefitted out of it

Short Courses in GNSS

- At CSSTEAP, we also regularly conduct short courses on GNSS in online/offline mode.
- Next short course is planned in 2023. Will be announced through the CSSTEAP website www.cssteap.org

