



# Indian Society of Remote Sensing (ISRS ) Mumbai Chapter



## Department of Civil Engineering

- **Objectives of IETE:**

1. Conduct IIRS Outreach courses and educate rural students in villages and spread awareness about geospatial technologies such as remote sensing / GIS and its applications
2. Inculcating capacity building by conducting seminars , webinars, short term training programs etc. by inviting scientists and eminent speakers from various renowned organizations.
3. Providing hands-on practical for students across schools and colleges.
4. Conducting various activities such as competitions , exhibitions etc. to motivate students.
5. Collaborating with new chapters such as ISRS at present. ( and ISG and ISPRS in future )
6. Sending students for internships at ISRO centers across India for research activities and capacity building.

- **Faculty Coordinator** : Dr.Karthik Nagarajan

- **Achievements :**

ISRS – Mumbai Chapter is teaching the rural children in schools and colleges across various villages the basics, importance and application of space science.

7,000 plus students have been taught for free at this IIRS Outreach Centre

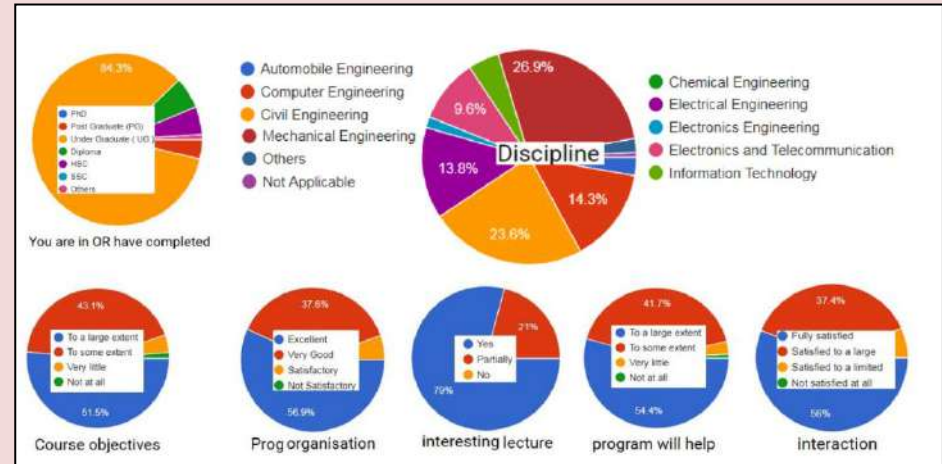
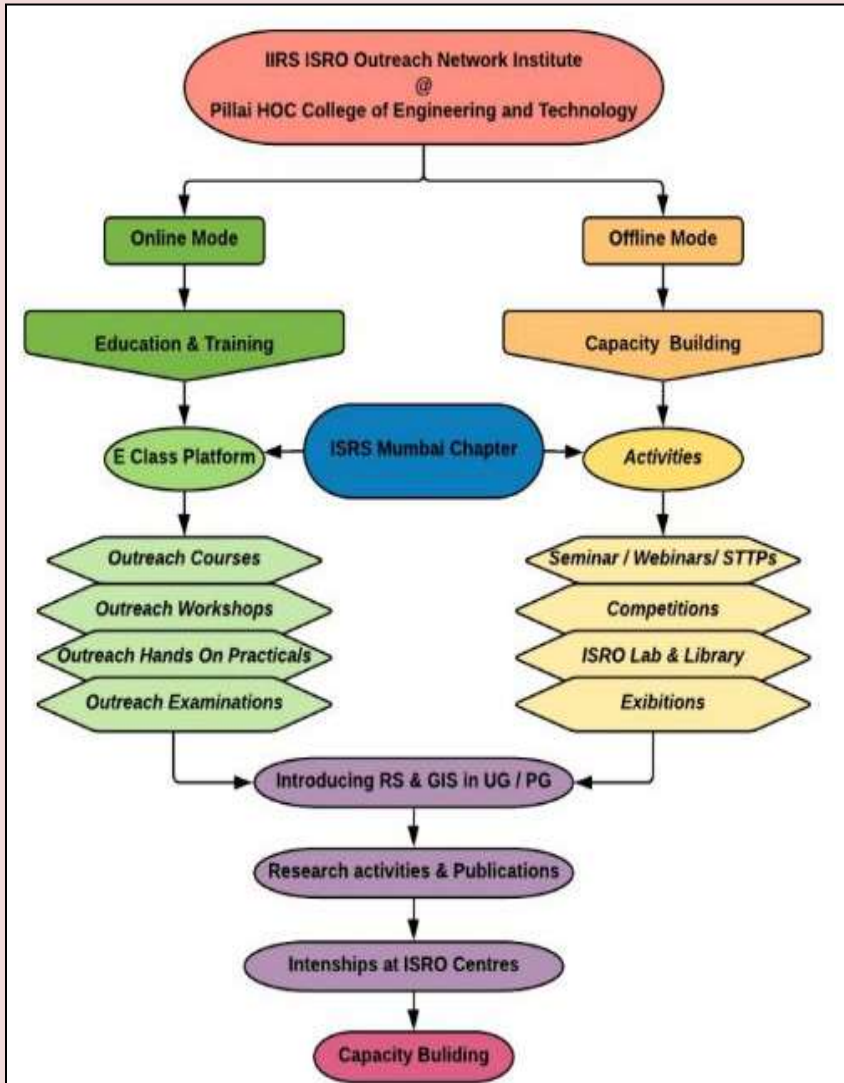
60 plus courses in various domains like remote sensing, GIS, GNSS etc have been conducted.

PHCET is planning to build a student's satellite in the coming years ahead under the guidance of Indian Space Research Organisation.

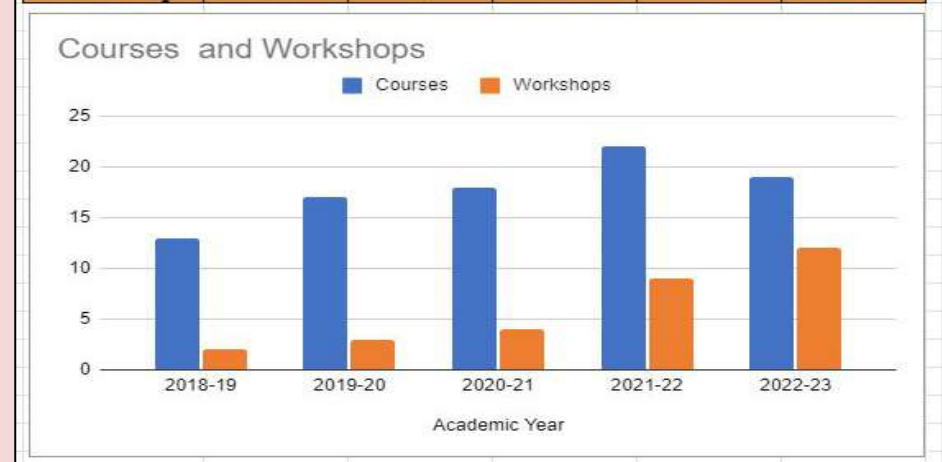
internship



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Academic Year	2018-19	2019-20	2020-21	2021-22	2022-23
<b>Courses</b>	13	17	18	22	19
<b>Workshops</b>	2	3	4	9	12







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## Achievements







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Figure 3: Conduction of IIRS ISRO Online Courses at Outreach Centre at PCCET



Figure 4: Conduction of IIRS ISRO Online Workshops at Outreach Centre at PCCET



Figure 5: Bhuvan Hands on Practical conducted at Outreach Centre, PCCET  
Bhuvan Portal (Source: [https://bhuvan.nrsc.gov.in/bhuvan\\_links.php#](https://bhuvan.nrsc.gov.in/bhuvan_links.php#))



Figure 6: GNSS hands-on Practical conducted at Outreach Centre, PCCET



Figure 7: Conduction of IIRS ISRO Online Exams at Outreach Centre, PCCET



Figure 10: STTP-Application of Remote Sensing and Geographic Information System in Disaster Management: Response, Recovery and Reconstruction " from 05<sup>th</sup>-11<sup>th</sup> Jan, 2018





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