

## Remote Sensing & Geo-Informatics – Basics

### Organisation and Objective

Space Applications Centre (SAC) is one of the major centers of the Indian Space Research Organisation (ISRO) located in Ahmedabad, Gujarat. SAC focuses on the design of space-born instruments for ISRO missions, development and operationalisation of applications of space technology for national development. SAC designs and develops all transponders for the INSAT and GSAT series of communication and navigation satellites and optical and microwave sensors for remote sensing satellites. The applications encompass communication, broadcasting, navigation, disaster monitoring, meteorology, oceanography, environment monitoring and natural resources survey.

Earth, Ocean, Atmosphere, Planetary Sciences and Applications Area (EPSA) cover activities in the fields of Agriculture, RS & GIS, Land applications, Planetary Science, Physical Oceanography, Satellite Meteorology, Environment Including Terrestrial, Coastal and Marine environment, Marine and Water Resources, Climate change and Urban planning etc. The activities are carried out under a number of programmes linked to Indian Earth Observations.

This is ISRO's initiative to support Graduate and Post graduate students, professionals from academics and researchers across the country to pursue research in the field of Earth Eco systems research using earth observation satellite systems. Our Indian Remote sensing satellite IRS missions like IRS-1A to 1D, Resoursat- 1 and 2, RISAT and data from other missions will be made accessible.

### Training on Remote Sensing & Geo-Informatics – Basics

Space Applications Centre, Ahmedabad, is organising a training programme on 'Remote Sensing & Geo-Informatics – Basic' for Indian Participants under TREES initiative of VEDAS. This programme aims to provide theoretical basis and hands-on experience to the participants of this programme. The programme will help in capacity building for Basic understanding of Remote sensing and geo-informatics and utilisation of satellite data from Indian and global Missions. The course will comprise of Introduction to Remote Sensing, Applications of Remote Sensing, Digital Image Processing, Introduction to Geo Informatics & Web GIS and some Tutorials.

### Details of The Training Program

The training programme consists of lectures by eminent scientists working in related fields in ISRO in the forenoon followed by hands-on session with satellite data in the afternoon. Participation certificates will be provided after completion of the training.

Date	2-4 , March 2021
No. of participants	50 (maximum)
Target Group	State/Central Government officials, Scientists, Research Scholars, Teachers and Faculties affiliated to recognized Universities and Research Institutions working in field of Remote Sensing, GIS and other relevant fields like Information Technology.
Prerequisite	Basic knowledge of computer applications and information technology..

Only 50 participants can be accommodated for the training programme. If more number of applications are received, the selection will be made on the basis of applicant's background experiences and qualifications.

Interested persons may send the filled-in application form on or before February 19, 2021, scan it and E-mail only (no hard copy please) to [trees@sac.isro.gov.in](mailto:trees@sac.isro.gov.in).

**Dr. S.P. Vyas**

Head, ERTD/ VRG/EPASA

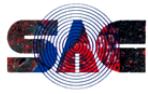
Space Applications Centre (ISRO)  
Bopal Campus, Ahmedabad - 380058

Phone: 079-26916223/6224

Fax: 079-2691-6287

Email: [trees@sac.isro.gov.in](mailto:trees@sac.isro.gov.in)

**For further details please visit our website <https://vedas.sac.gov.in/>**



# Space Applications Centre-ISRO, Ahmedabad

Application for Web Based - TREES training on

Remote Sensing & Geo-Informatics – Basics



**(02-04 March 2021)**

(Last Date-19 February 2021)-web based/Online

*(Please type or write in CAPITAL Letters)*

Name : \_\_\_\_\_

Date of Birth (DD/MM/YYYY) : \_\_\_\_\_

Gender (Male/Female) : \_\_\_\_\_

Contact Information : \_\_\_\_\_  
*(include Email, Phone, Fax details)*

E-mail \_\_\_\_\_

Mobile \_\_\_\_\_

Designation with Name of Institute : \_\_\_\_\_

Educational Qualification \_\_\_\_\_

Have you applied/ attended any other SAC Training programmes. *(Tick) TREES, SMART, HRD/SAC or any other?*

Research Interest *(Mention your publications on Remote Sensing and GIS applications)* \_\_\_\_\_

Justify your Selection for the Training Programme *(specify your experience in GIS, Remote Sensing data handling, software used and intended future applications)\**  
*(\* Attach separate sheet if required)* \_\_\_\_\_

Signature of the Applicant with date \_\_\_\_\_

Recommendation from Head of the Department / Institution with seal if possible- (Optional) \_\_\_\_\_



Affix Recent  
Passport Size  
Photograph

Send Scanned Signed Copy by e-mail only: [trees@sac.isro.gov.in](mailto:trees@sac.isro.gov.in)