

# 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 utilization 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 Hands on exercise / 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. **Please note guest house and transport will not be provided to trainees as SAC Bopal Guest House is under renovation.** No fees will be charged for the training. However, TA/DA will not be provided. Participation certificates will be provided after completion of the training. **No electronic gadgets are allowed within SAC premises.**

Date	11-15 March 2019
No. of participants	20 (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 20 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 March 01, 2019, scan it and E-mail to [trees@sac.isro.gov.in](mailto:trees@sac.isro.gov.in). Also requested to bring Hard copy in person while coming to attend Training.

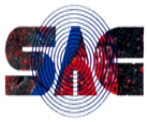
## Address

### Head

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Space Applications Centre (ISRO)  
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Phone: 079-26916223  
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**Email: [trees@sac.isro.gov.in](mailto:trees@sac.isro.gov.in)**

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



Application for training on  
**Remote Sensing & Geo-Informatics – Basics**  
 (11- 15 March 2019)

TREES (Training and Research in Earth Eco-System)

Last date of Application: 01 March 2019

Affix Recent  
 Passport Size  
 Photo

(Please type or write in CAPITAL Letters)

Name Mr./Ms. ....

Date of Birth (DD/MM/YYYY) ..... / ..... / .....

Gender:(Tick)  Male  Female

Contact Information: .....  
 (Self: Name and address) .....

Phone: .....

Email ID: .....

Aadhaar Card No: .....

Designation: .....

Educational Qualification: .....  
 (include percentage of marks and specialization) .....

Name of Institute: .....

Whether you have attended .....  
 any training at SAC/ISRO Yes  No  (If Yes Please Describe) .....

Signature of the applicant with date .....

Recommendation by Head of Department .....  
 / Institution / Principal with seal and date .....  
 Contact E-mail / Phone of HOD .....  
 / Office in case of Emergency .....

Address: Head, ERTD/VRG/EPESA, Space Applications Centre(ISRO), Bopal campus, opposite DPS School, Bopal, Ahmedabad-380058 Phone: 079 2691 6223/24, Fax: 079 2691 6287

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