



Introduction

Satellite Meteorology and Oceanography Research and Training (SMART) is an initiative by Indian Space Research Organisation to support students, academics and researchers from across the country to pursue research in Meteorology, Oceanography and other related fields using ISRO's satellite data. SMART was established by Space Applications Centre, Ahmedabad in 2016. As part of SMART, Research and Training programmes are conducted. SMART Research Programme (SRP) is designed to initiate research aptitude among participants in the field of Satellite Meteorology and Oceanography. SRP is a long duration (3-9 months) programme. SMART Training Programme (STP) is a short duration, one week training programme on specialized topics on Satellite Meteorology, Oceanography and related fields. Since its establishment in 2016, about 90 students/researchers/post-doc from different Universities/Colleges/Institutions have participated in SRP for 3-9 months duration and 310 participants attended STP on different advanced topics in Satellite Meteorology and Oceanography. Under the SMART programme, outreach lectures and demos were also conducted at different Meteorology/Oceanography teaching institutes and about 500 students were sensitized about the research and training opportunities available under SMART.

Train the Trainer in Satellite Meteorology

SMART is organising a one week training programme on 'Train the Trainer in Satellite Meteorology'. The proposed training programme is designed to impart knowledge on advanced concepts and latest progresses in Satellite Meteorology to University and College lecturers/Professors who teach or guide students for their academic studies or research. Early carrier scientists will also be considered in case vacancy exists. This training programme will cover latest developments in satellite Meteorology, present and future ISRO satellite missions, meteorological parameter retrieval, potential applications and research and training opportunities available for faculty members and students at Space Applications Centre (SAC). Advance concepts on Imaging and sounding, scatterometry and radio occultation will be covered.

Details of the Training Programme

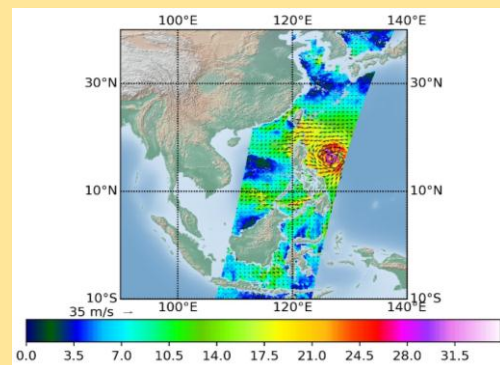
Course Date	29 April – 03 May 2019
No. of participants	20
Target Group	Faculty members affiliated to Govt. recognised Universities/ Colleges teaching Meteorology, Oceanography, Remote sensing, Agro-meteorology and related subjects. Early carrier Scientists.
Pre-requisite	Working knowledge of Linux, Python and Fortran are required.
Last date to apply	Filled-in application must reach on or before 02 April 2019.

Training programme consists of lectures in the forenoon by eminent scientists of SAC followed by hands-on familiarisation with satellite data in the afternoon. Participants have to manage their own accommodation. No fee will be charged for attending the training. No TA/DA will be provided. Participation certificate will be provided after the completion of training. Selected applicants will be intimated by email.

Interested may send the filled-in application form to:
 Dr. V Sathiyamoorthy
 Head, MRTD/MRG, Room No. 6112
 Space Applications Centre (ISRO)
 Bopal, Ahmedabad - 380058
 Phone: 079-26916112 Fax: 079-26916127
 Email: sathya@sac.isro.gov.in

For further details please visit our website

<https://mosdac.gov.in/smart>



Super Typhoon Mangkhut as captured by ScatSat-1 near surface wind on 14 September 2018 at 00:27 UTC.



Affix Recent
Passport
Size Photo

Space Applications Centre, Ahmedabad
Application for *SMART* Training Programme
Train the Trainer in Satellite Meteorology

(Please type or write in CAPITAL Letters)

Name Dr./Mr./Ms/.....

Date of Birth (DD/MM/YYYY)

Gender

Correspondence Address (official)

Pin code

Email

Phone

Designation

Educational Qualification

How this training programme will be useful
to your teaching/research?

Signature of the applicant with date

Recommendation from Head of the
Department or Institution with seal

Last date to receive the completed application is 02 April 2019