

International Workshop on “Applications of Remote Sensing and Geographical Information System” (ARSGIS - 2016)

23rd January 2016



Venue: Senate Hall



Organized by

**School of Earth Sciences
Swami Ramanand Teerth
Marathwada University,
Nanded – 431606**
(NAAC Re-accredited “A” Grade State University)

Introduction

Remote sensing is a method of obtaining required information about an object without being in a physical contact with that object. It means to study the earth surface features from a distance using techniques such as satellite image, aerial photographs etc. It is mainly done by measuring the solar electromagnetic radiation. Remote sensing has a wide range of application. Remote sensing and GIS technologies using space-borne sensors provide many applications that include, but not limited to, Land use and land cover mapping, Environmental pollution monitoring, natural resources management and protection, agriculture, geology, forestry, cartography, hydrology and water resource management, disaster management, urban planning, monitoring spread of infectious diseases, etc. These technologies can be widely useful not only for warning about natural calamities to minimize loss of life and property, but, they can be useful in managing countries natural resources like land and water more effectively.

Remote sensing satellites are compatible to address the present and future challenges in front of the developing nations. One of the major concerns of developing countries now days is the better utilization, management and protection of their natural resources.

Dr. Peter Romanov, Senior Research Scientist, NOAA Cooperative Remote Sensing Science and Technology Center (NOAA-CREST), University of New York and Dr. S.V.C. Kameswara Rao, General Manager, RRSSC, Nagpur are among the distinguished resource persons.

School of Earth Sciences

The school of Earth Sciences established in the year 1994 along with the inception of University. Since then the School of Earth Sciences is committed to educating the students promoting a high quality teaching and fundamental research across a range of courses in the Earth Sciences. We offer four semester Masters Degree courses in Geology, Environmental Sciences, Geography and Geophysics.

We also offer a full time two semesters PG diploma in Geoinformatics (UGC Innovative Program) course and one year part time certificate course in Industrial safety and Environmental Health as a part of professional and skill

based student need programs. In addition the school undertakes M.Phil and Ph.D programs. The school has academic autonomy and all the programs are under CBCS Pattern. The school is having academic and research association with Research organizations like NGRI, IIG, GSDA through MoU. The strength of our school is commitment to work and positive approach towards achieving the academic goals.

Registration Fees

Faculty/industrialists/businessman/consultants : Rs. 300
P.G. and Research Students / Senior Participants: Rs. 200

Patrons

Prof. Dr. P. B. Vidyasagar
Vice Chancellor,
&
Dr. G. N. Shinde
Pro-Vice-Chancellor
S. R. T. M. University, Nanded

Convener

Prof. S.K.G. Krishnamacharyulu, Director, SES

Organizing Secretary

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School of Earth Sciences
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