

## About the College

Situated in the lap of snowcapped lofty mountains and garlanded by the shimmering waters of river Jhelum and the shimmering waters of Dal Lake, Sri Pratap College is located in the heart of Srinagar city. The college epitomizes a glorious legacy of more than a century. Established in 1905, the history of Sri Pratap College is infact the history of progress of higher learning in Kashmir. Being exclusively a science college, the institution shoulders additional responsibility of disseminating scientific and technological advances to the community through conferences, seminars, debates, workshops etc. The college takes lead in stimulating research interest among the younger generation. The college alumni include many personalities of repute having outstanding contribution in their respective fields. The college has always taken a lead in organising scientific events including conferences, congresses, seminars and workshops providing a platform for the budding researchers and students to interact with leading researchers and reputed scientists of the country

## About the Workshop

“Remote Sensing” is the science and art of acquiring information (spectral, spatial, temporal) about material objects, area, or phenomenon, without coming into physical contact with the objects, or area, or phenomenon under investigation. Remote sensing and Geographic Information System play a pivotal role in environmental mapping, mineral exploration, agriculture, forestry, geology, water, ocean, infrastructure planning and management, disaster mitigation and management etc. Remote Sensing and GIS has grown as a major tool for collecting information on almost every aspect on the earth for last few decades. In the recent years, very high spatial and spectral resolution satellite data are available and the applications have multiplied with respect to various purpose. The field and science of GIS have been transformed over the last two decades. Once considered a Cinderella technology in selected disciplines and application domains, GIS has grown quite rapidly to become a multi-billion industry and a major player in the broader field of the ubiquitous

Advancements in computer hardware and software, availability of large volumes of digital data, the standardization of GIS formats and languages, the increasing interoperability of software environments, the sophistication of geoprocessing functions, and the increasing use of realtime analysis and mapping on the Internet have increased the utility and demands for the GIS technology. Apart from that, researchers, resource planners and policy makers are realizing the power of GIS and its unique ability to enhance environmental issues. GIS can be a powerful tool for understanding these processes and for managing potential impacts of human activities on environment. The remote sensing and GIS provides hands on tools to monitor, estimate, evaluate and manage the environmental factors endangering the safety of life and society. In this backdrop, a two Days National Workshop on the theme “**Remote Sensing & GIS for Natural Resource and Environmental Management**” is being organised on 23<sup>rd</sup> -24<sup>th</sup> March, 2018 at Sri Pratap College, Srinagar, J&K. The workshop will impart necessary training by reputed experts about the techniques involved in this technology.

## About Our Collaborator

The Department of Ecology, Environment and Remote Sensing J&K was created in March 1987 vide G.O.No.EE(Adm)-4 of 1987 Dated:04-03-1987 with the creation of Post of Director Ecology & Environment. Initially the department was entrusted with an objective of providing mass awareness among the people about the importance of clean and green natural environment. Later, with the need of providing scientific analysis of natural resources and their importance to humankind, department was added with the Remote Sensing wing for studying and analyzing the natural resources through modern technologies. The mandate of the Department is to analyse ecological & environmental concerns based on scientific data collection and spread environmental awareness among various stakeholders viz:- students, farmers, nomadic communities, tourists, wild lifers, front line staff members of civil society by organizing environmental workshops, conferences, get-to-gathers and observing environmental days and hosting other green events, conducting Environmental

Under the remote sensing activities, focus is on global concerns like climate change, monitoring of natural resources, wetland studies, soil mapping, application of space based technology in the interest of ecology & environment. The department of Ecology, Environment & Remote Sensing since its inception has carried out field data monitoring to help ecologically sound policies evolved in tune with national & international environmental concerns. Remote Sensing wing of the department is catering to the needs of geospatial data generation through liaison with ISRO, NRSC, SAC, MoEF&CC, DST, etc. The satellite based inputs are proving useful for bio-resource managers and policy planners and other stake-holder organizations. The department has already catered to the geospatial data needs of JKPC, Wildlife Department, Health Department, Education Department, Rural Development and Panchayati Raj Department, Soil and Water Conservation department, Town Planning Organization, etc.

## Registration Fee details

Category	Amount (Rs)
Academician/Non Academicians	1500
Research Scholars	1000

❖ Only 30 participants shall be registered for the workshop and registration shall be on first come first serve basis.

❖ For outstation participants accommodation on extra charges can be arranged on a first cum first serve basis in nearby hotels provided a request is received before 20<sup>th</sup> March, 2018

❖ Registration charges are non-refundable under any circumstances, however, any substitute delegate from the same institute can be accepted

Any further queries can be mailed to For [wrssp18@gmail.com](mailto:wrssp18@gmail.com)

## Workshop Directors

**Dr. Manzoor Ahmad Lone**

**Sh. Om Prakash Sharma**

## Registration Form

Name .....

Designation.....

Category.....

Affiliation.....

State/Country.....

Tel/Mobile No.....

Fax No.....

E-mail.....

Payment Mode

Cash.....

DD.....DD No.....

Signature

## Correspondence

For further details mail to:

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Assistant Professor, IT  
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Department of Environmental  
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Cluster University Srinagar

# Two Days National Workshop WRS-2018



**Remote Sensing & GIS for Natural Resource and  
Environmental Management**  
**23<sup>rd</sup> -24<sup>h</sup> March, 2018**

Organised by:

Department of Environment and Water  
Management,  
P.G. Department of Environmental Science

## Sri Pratap College

(NAAC Re-accredited Grade A)

## Cluster University Srinagar

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*In collaboration with*

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