



# **SGT UNIVERSITY**

**SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY  
(UGC Approved)**

**Gurugram, Delhi-NCR**

Budhera, Gurugram-Badli Road, Gurugram (Haryana) – 122505 Ph. : 0124-2278183, 2278184, 2278185

**Expert Talk on  
"Geoinformatics for  
Environmental Conservation  
and Management**

**05 June 2021**

**11:00 AM to 12:00 PM**



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## Faculty of Science

### Expert Talk on "Geoinformatics for Environmental Conservation and Management

under auspices of Prodigy A Science Association, SESREC and IQAC SGTU

05 June 2021

11:00 A.M to 12:00 PM

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**Prodigy-A Science Association**  
Faculty of Science  
Under the aegis of  
SESREC (Social Entrepreneurship, Swachhita & Rural Engagement Cell)  
& IQAC SGTU  
is organising a

**WEBINAR on**  
the Occasion of  
World Environment Day -2021

**GEO-INFORMATICS FOR ENVIRONMENTAL CONSERVATION AND MANAGEMENT**

<https://bit.ly/3cgw7rk>

05<sup>th</sup> June 2021 11:00 AM to 12:00 PM | Webex

**WEBINAR**

Expert

Prof. (Dr.) P.K. Joshi  
School of Environmental Sciences  
&  
Chairperson, Special  
Centre for Disaster Research  
(SCDR), J.N.U Delhi  
(Former Scientist ISRO,  
Dehradun)



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## **Brief Profile of Speaker:**

**Prof. P K Joshi** is Professor in the School of Environmental Sciences and Chairperson, Special Centre for Disaster Research, Jawaharlal Nehru University (JNU), New Delhi. He is Director of Swachha JNU in the university.

Prior to shifting to New Delhi in 2007, he was based at Dehradun while working with Indian Institute of Remote Sensing (IIRS) of Indian Space Research Organization (ISRO) for around a decade. During this, he was also adjunct faculty to the Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP), an UN affiliated institution.

**Organizers:** Prodigy A Science Association of Faculty of Science

## **Report of the Training /Webinar/ Event / FDP Program:**

**Introduction:** On the Occasion of World Environment Day -2021 Prodigy A Science Association under the aegis of SESREC (Social Entrepreneurship, Swachhta & Rural Engagement Cell), Faculty of Science, organizing an expert talk on Geoinformatics for Environmental Conservation and Management 05 June 2021. More than 165 participants participated in this event.

## **Objective of the Training /webinar/ Event / FDP:**

The main objective of the event to create awareness amongst the common mass regarding environmental and its allied problems.

### **a) Brief content of lecture-**

Program started with the welcome of Guest Speaker Prof. P.K Joshi, by Dean Faculty of Science Prof Lakhwinder Singh.

Prof P.K Joshi discussed various aspects of Geoinformatics for Environmental Conservation and Management. Prof Joshi told that Geoinformatics is increasingly being used to solve complex environmental problems in domains such as management of natural resources, land use planning



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and management, nature conservation, and environmental monitoring, it require reliable spatial information and methodologies. According to **Prof Joshi**, Geoinformatics combines expertise from the fields of information and communication technology (ICT); - geographical information systems (GIS), remote sensing, GPS and mapping; - environmental and social sciences such as land use planning, geography, and communication. He also discussed role of Geo informatics in landscape identification, natural resource management, forest fire. **Prof Joshi** discussed various methods of ecological restoration, GPS/GNSS and mapping of each and every roof top to identify geolocation for the conservation of environment.

Program ended with the vote of thank by Ms. Mandeep, HoD, Department of Forensic Science.

## ***b) Screenshots of Training /Webinar/ Picture of Event: Good quality picture with legends is mandatory***

