

**HARYANA SPACE APPLICATIONS CENTRE (HARSAC)**  
An ISO 9001:2015 Certified Organization  
Department of Science and Technology, Haryana  
CCSHAU Campus, Hisar  
(Phone: 01662-232632, Website: [www.harsac.org](http://www.harsac.org))

**TRAINING PROGRAM FOR UNIVERSITY/ COLLEGE FACULTY  
and OFFICERS OF USER DEPARTMENTS**

HARSAC is organizing a three weeks Training Program for University/ College faculty of Science/ Geography/ Engineering subjects and officials of various user Departments on “Geospatial Technology & its Applications” from **01.12.2017 to 21.12.2017**. There are approximately 20 seats under the course. Candidates who have not attended this course in the last three years are eligible to attend the course. They may send their names through proper channel latest by **November 24, 2017** by post or through mail at [manojyadav60@rediffmail.com](mailto:manojyadav60@rediffmail.com) or [ritesh.kumar05@gmail.com](mailto:ritesh.kumar05@gmail.com). There is **no registration fee** for the program and **T.A.** to outstation candidates will be paid as per Haryana Govt. rules by **HARSAC**. The selected candidates should report at HARSAC at 9.30 A.M. sharp on **01.12.2017**. The admission to the course will be on first cum first serve basis.

This Program is designed to cover fundamentals and various applications of Remote sensing, Geographical Information System (GIS) and Global Positioning System (GPS) along with hands on training on the use of satellite data. The forenoon session will be for theory classes and practical will be taken in the afternoon. The list of major topics, which will be covered during the training program is as under:

- Basics of Remote Sensing-I
- Basics of Remote Sensing-II
- Indian satellites orbit, platforms and sensors
- Basic geometric characteristics of Aerial photographs
- Basics of Photogrammetry
- Fundamentals of Computer
- Digital image processing (DIP)
- Fundamentals of Geographical Information System (GIS)
- Applications of GIS
- Global Positioning System (GPS)
- Visual Interpretation and Ground Truth Collection
- Remote sensing applications in Forestry, Environment & Ecology
- Remote sensing applications for Land use /Land Cover
- Remote sensing applications in agriculture
- Remote sensing applications for urban & infrastructure planning
- Remote Sensing Applications in geology & geomorphology
- Remote Sensing Applications in water resources management
- Remote Sensing Applications for watershed management

**Chief Scientist**