

REGISTRATION FORM

Name (in Block Letters): _____

Designation: _____

Qualification: _____

Institute/Organization: _____

Postal Address: _____

City: _____ Pin Code: _____

Mob. No: _____

Email ID: _____

Please tick the appropriate choice for your accommodation requirement in the box given below:

Accommodation not required ☐

Accommodation required in the institute Guest House ☐

Registration Fee Payment Details

Bank Name: _____

Payment details: _____

Date: _____ Amount: _____

Place

Date

Applicant's Signature

PATRON

Dr. K. K. Shukla

Director, MANIT Bhopal

ADVISORY COMMITTEE

Dr. Onkar Dikshit, Professor, NCG IIT Kanpur
Shri Pankaj Kumar, Director MPGD, SOI, Jabalpur
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For online submission of application for the participation, use following google form link:

<https://docs.google.com/forms/d/e/1FAIpQLSdKcz9pcMytklmbjqXtU2wq3lz4nY9wtlgKrcH0ykSx-KaFfg/viewform?usp=publish-editor>

Training Workshop

on

Efficient Land Records Management and Dissemination using Geospatial Technology

(18th & 19th September 2026)



Jointly organized by

MANIT & MPGD, Survey of India (SOI), Jabalpur

Under the DST funded project

REGIONAL CENTRE FOR GEODESY (RCG)

Department of Civil Engineering

MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL-462003 (M.P.), INDIA



भारतीय सर्वेक्षण विभाग
Survey of India
विज्ञान और प्रौद्योगिकी विभाग
Department of Science & Technology

BACKGROUND

Land records are most critical components of land administration, serving as the foundation for property ownership, land revenue collection, urban and rural planning, infrastructure development, dispute resolution, and sustainable resource management. The accurate, up-to-date, and transparent land records are essential for effective governance and socio-economic development. However, conventional land record management systems often face challenges such as outdated cadastral maps, inaccurate boundary information, delayed updates, and limited accessibility of spatial data.

Recent advancements in **Geospatial Technologies**, including Remote Sensing, Global Navigation Satellite Systems (**GPS/GNSS**), Geographic Information Systems (**GIS**), Unmanned Aerial Vehicle (**UAV/Drone Mapping**), and Continuously Operating Reference Station (**CORS**) networks, have transformed the way of land information data collection, management, analysis, and dissemination. These technologies provide highly accurate positioning, rapid spatial data acquisition, digital mapping capabilities, and efficient decision-support systems for modern land administration.

The Government of India has launched several flagship initiatives, such as the Digital India Land Records Modernization Programme (DILRMP), SVAMITVA Scheme, National Geospatial Policy 2022, and PM Gati Shakti National Master Plan, which emphasize the integration of geospatial technologies into land governance and infrastructure planning. These initiatives have significantly increased the demand for trained professionals capable of utilizing advanced geospatial tools for land records management.

The national mapping agency, **Survey of India (SOI)** is playing a pivotal role in providing geospatial infrastructure, high-accuracy geodetic reference frameworks, digital mapping services, and technical support for various national development programmes.

The integration of SOI's geospatial expertise with modern Remote Sensing, GNSS, and GIS technologies offers unprecedented opportunities for improving the accuracy, transparency, and efficiency of land records.

To meet these emerging requirements for the capacity building of professionals/experts dealing with the land record management in various organizations like Revenue Department, Town and Country Planning departments etc., this training workshop is being organized. This programme aims to provide participants with comprehensive knowledge and practical exposure to modern geospatial technologies and their applications in efficient land records management, cadastral mapping, spatial database creation, and dissemination of geospatial information.

ABOUT THE SHORT-TERM TRAINING PROGRAM

This training program is being organized jointly by the DST-sponsored Regional Centre for Geodesy (RCG), MANIT Bhopal project, and Madhya Pradesh Geospatial Directorate (MPGD), Survey of India (SOI), Jabalpur. The program focuses on the application of Remote Sensing, GPS/GNSS, Total Station and GIS for efficient land records management and dissemination. This workshop includes lectures and hands-on training on the use of DGPS, SOI CORS Network and Electronic Total Station (ETS) for the Land Information Systems (LIS), boundary demarcation, cadastral mapping, and open-source GIS solutions. Practical field demonstrations using ETS, DGPS (Static & RTK), and SOI CORS data will provide participants with the skills required for modern, accurate, and technology-driven land surveying and land records management.

REGISTRATION PROCEDURE AND FEE

For this course, about 50 participants will be selected on first come first serve basis. Interested participants can submit their application along with the applicable registration fee payment proof, through email or post as well as Google form entry through link provided in this brochure. This program is designed for offline mode participation. However, in special cases, participants may be permitted in the online mode and

for such registrations, prior permission from the program coordinator is required. The workshop registration fee includes expenses on learning material, working lunch and tea during program and expenses on the honorarium of experts invited for the lectures. The course fee amount for different categories of participants and bank details for the payment is as given below:

Category of Participants	Registration Fee
Field Engineers & Professionals	Rs. 600/-
Academic & research organizations	Rs. 400/-

Bank Details:

Account Number: 10020150107

Account Name: Director MANIT Bhopal

Bank name & branch: State Bank of India, MANIT Bhopal

IFSC Code: SBIN0001608, MICR Code: 462002014

ACCOMODATION ARRANGEMENTS

Depending on the availability, accommodation for the outside participants may be arranged in the institute faculty guest house on the payment basis and **they will have to pay actual charges for the same in addition to registration fee.** For accommodation a candidate must inform well in advance.

ABOUT MANIT BHOPAL

The Maulana Azad National Institute of Technology (MANIT) was formerly known as Maulana Azad College of Technology (MACT) started in the year 1960. MANIT Bhopal is *an institute of national importance under the control of MoE, Govt. of India*. The institute is in the heart of Bhopal city at around 09 km from Bhopal railway station and 20 km from Bhopal Airport. The Civil Engg. Deptt. is running UG course since inception of the institute, and PG programs in different specializations, including the area of Geospatial technology. The Geoinformatics laboratory of the department is well equipped with the latest modern instruments. Department of Science & Technology (**DST**) has funded the ongoing project **Regional Centre for Geodesy at MANIT** in association with **NCG, IIT Kanpur** and other reputed institutes in India namely **IIT Bombay, IIT Dhanbad, IIST Trivandrum, MNNIT Allahabad & Institute of Remote Sensing, Anna University Chennai**.