

About the University

The Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV) is an "A" grade accredited (NAAC) State Technological University of Madhya Pradesh, established in the year 1998. With a campus of about 247 acres, the RGPV is evolving into a centre of excellence in the arena of Technical Education, Research and Innovations.

There are 05 UTD's, around 217 Engineering, 85 Polytechnics, 95 Pharmacy, 88 Computer Application and 04 Architecture institutions imparting Diploma, Under-Graduate, Post-Graduate courses and Doctorate of Philosophy in emerging disciplines. RGPV is emerging as centre for innovation and entrepreneurship and promoting start-up activities, industry-institute partnership for resolving industrial problems and transfer of technology.

Accredited with 'A' grade by NAAC.



Registration & Accommodation

Last date of Registration: Tuesday, 5th Feb 2019. There is **No Registration Fees** for the FDP. However, prior registration online / offline is required. Selection of participants will be done on first come basis. As per the norms only 40 seats are available. For Online registrations please follow the link: <https://goo.gl/forms/rdnCKBPRNycdT92V2>.

For Offline registration please scan the duly filled form and email at ankitshah@acropolis.in

Accommodation can be arranged on payment basis on prior intimation for outside delegates. Certificates will be issued under the TEQIP III RGPV to those who will attend all the sessions of the FDP.

Chief Patrons

Prof Sunil Kumar Gupta
Hon'ble Vice Chancellor
RGPV

Er A K Sojatia
Hon'ble Chairman (B.O.G.)
Acropolis Group

Patrons

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Group Chairman
Acropolis Group

Mr Anand Sojatia
Secretary
Acropolis Group

Mr Gaurav Sojatia
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Vice Chairman, AITR

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Coordinator
TEQIP-III, RGPV, Bhopal

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IIT Delhi

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SGSITS Indore

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IIIT Hyderabad

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Ms Alka Sharma
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Mr Ankit Shah
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Mr Darpan Keshore
Mr Vipul Jain
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Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal
Accredited with 'A' grade by NAAC

One Week
Faculty Development Programme
on

GIS MAPPING FOR SMART DEVELOPMENT

February 13th – 17th, 2019



Organised by

Rajiv Gandhi Proudyogiki Vishwavidyalaya

Under



Third Phase of Technical Education
Quality Improvement Programme (TEQIP-III)

In Association with



OSGeo

The Open Source
Geospatial Foundation
at



ACROPOLIS
Enlightening Wisdom

Department of Civil Engineering
Acropolis Institute of Technology and Research
Bypass Rd, Mangliya Sq, Indore, MP, 453771
Phone: 0731-4730000, 001, Website: www.aitr.ac.in

Course Objectives

Objectives:

- To create awareness about the applications of GIS in Civil Engineering and update delegates about allied mapping methods and tools.
- To apprise the participants about using GIS step by step and to offer a platform to provide hands on training to the participants.
- To demonstrate the applications and use of GIS referring diversified civil engineering projects through case studies.

Resource Persons

- Dr R D Garg, IIT Roorkee
- Dr R K Shrivastava, SGSITS, Indore
- Dr K S Rajan, IIIT Hyderabad
- Dr Ravi Kumar Vundavalli, Secretary OSGeo, India
- Dr Harish Solanki, Centre for Geo-informatics, Hyderabad
- Dr K K Das, IIRS, Dehradun
- Dr S C Chaure, Holkar Sc., Indore
- Dr Jyoti Sarup, MANIT Bhopal
- Dr Neelima Satyam, IIT Indore
- Dr Sandeep Goyal, MPCOST
- Mr Santosh Gaikwad, Nascent Infotechnologies
- Dr S K Sohani – AITR, Indore

Course Content

- Introduction of global positioning systems and its applications in mapping.
- Overview of GIS concepts, theories and applications.
- Web-GIS: concepts, tools and applications.
- Data creation for smart development using QGIS
- Use of Smartphone for GIS data collection for society.
- Landslide hazard mapping in hilly region - case study.
- Open source web-GIS for development and management of cities.
- LIDAR Applications
- GIS based survey for roads and highway projects-conceptual processes with case study
- Case study to demonstrate planning and monitoring of urban municipal systems using GIS.
- Application of GIS to study land use and land cover changes in river basins.
- Other relevant conceptual details and hands-on practical training on open source software. Open Source Software Links will be shared with the delegates.

About Organising Institute and Department

Acropolis Institute of Technology and Research was established in 2005 with the objective of creating state-of-art, world class, high quality technical education facilities at Indore, which is the commercial capital of Madhya Pradesh. As the first step towards fulfilment of its objectives, the society established this Institute. The mission is to foster an understanding and appreciation of the intellectual and cultural heritage of man.

Civil Engineering Department of Acropolis, Indore is considered to be one of the best departments in Central India. Some of the specialties of the department are mentioned below:

- The department is very well equipped with highly **qualified and experienced faculties** from top institutes including **IITs and NITs**.



- **State-of-art laboratories** of all specialization like Structures, Adv. Surveying, Civil Simulation Lab, Water Resources and Fluid Mechanics, Environment Engineering Lab, Material Testing Lab, Geo-tech Engineering Lab, Transportation engineering Lab, Basic Civil Engineering Lab and SOM Lab.
- Our civil engineering laboratories do have **NABL accreditation** and also an approved facility by the MP State Government **PIU-PWD** for quality checks.

Who should attend: Faculty Members of Civil Engineering, IT and CS, Visiting faculty cum consultants etc.

Registration Form



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Name: _____

Designation: _____

Organization: _____

Ph No/Mob No.: _____

Email id: _____

Accommodation required (Y/N): _____

Signature of Applicant
with date

Signature
(Sponsoring Authority)

Venue:

**Civil Engineering Department
Acropolis Institute of Technology and Research, Indore**