



**Join us for the 2-day
workshop & hands on
training on**

ADVANCED MAP-MAKING IN GIS FOR PLANNERS

About **SPAV**

SPA Vijayawada is an institute of National Importance under the Ministry of Education, Government of India, offering education in the fields of Planning and Architecture. The School has distinguished itself and has grown as a role model in the professional education offering Undergraduate, Postgraduate and Doctoral Programmes in the fields of Planning and Architecture, while at the same time fostering quality research in these domains.

SPA Vijayawada is ranked one of the best technical institutes in the country by National Survey and Ranking, India Today Group, as well as achieved a respectable ranking in NIRF Ranking nationwide for Architecture. The campus is green rated and is equipped with state-of-the-art infrastructure such as hostels, central library, ICT enabled teaching atmosphere, high end digital surveillance systems, modern laboratories, spacious studios, classrooms, open air theatres, auditorium, cafeteria, outdoor sports facilities, etc.

All efforts are being made to develop the School as a place of excellence for innovation, creativity and research through the architecture and planning domains. Faculty members are constantly involved in various academics, research and developmental activities of the School

Instructors:



DR. MANISH KUMAR
*Assistant Professor,
Central University of
Haryana*



MR. AKASH TIWARI
*Senior Research Fellow,
Central University of
Haryana*

Date of workshop :

21st & 22nd February 2024

Venue : GIS LAB

Time : 9:30am to 5:00pm

Organized by:



योजना तथा वास्तुकला विद्यालय, विजयवाड़ा
School of Planning and Architecture, Vijayawada
An Institute of National Importance, Ministry of Education Gov. of India

About the Workshop

The workshop focusses on Geographic information system (GIS) which is a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface. GIS can show many different kinds of data on one map. This enables people to more easily see, analyze, and understand patterns and relationships.

Topics for the Lecture and Hands on training

DAY – 1

1. Urban Heat Island Modelling
2. Land use change modelling and future urban growth simulation

DAY – 2

1. GIS based Urban Groundwater Quality Assessment
2. Watershed Modelling

Chief Patron

Prof. Ramesh Srikonda
*Director,
SPA Vijayawada*

Dr. Prasanth Vardhan
*Associate Professor and
Head of Department of
Planning*

Dr. Rajkumari Muthusamy
*Associate Professor,
Department of Planning*

J.M.Bhagwat
*Assistant Professor,
Department of Planning*

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School of Planning and Architecture Vijayawada

Workshop: **Advanced Map-making In GIS for Planners**

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SCHEDULE

21-02-2024 to 22-02-2024

| | | Day 1 | Day 2 |
|--------------------|---------------|---|---|
| Session 1 | 09:30 -10:30 | <i>Inauguration</i> | <i>GIS based Urban Groundwater Quality Assessment</i> |
| | 10:30 – 13:30 | <i>Urban Heat Island Modelling</i> | |
| Lunch Break | | | |
| Session 2 | 14:30 -17:00 | <i>Land use change modelling and future urban growth simulation</i> | <i>Watershed Modelling</i> |