



JAWAHARLAL NEHRU  
ARCHITECTURE AND FINE ARTS UNIVERSITY  
HYDERABAD, TELANGANA.

Workshop  
on  
**Landuse : Data & Mapping Protocols**  
Organized by  
Research and Development Cell, JNAFAU

**Resource Persons:**



**Mr. Nagaraju Ravadi**  
Sr. Urban Planner  
O/o Hon'ble Minister  
MA&UD.



**Ar. Ravi Kumar Reddy**  
Architect and Planner



**Ar. Trivita Roy**  
Architect and Planner



**Mr. Pavankumar A**  
Urban Planner  
Program Lead  
WRI India



**Ar. Madhava Rao**  
Assistant Professor,  
Dept. of Architecture  
SPA Vijayawada

**Preamble**

The Workshop on "Landuse- Data & Mapping Protocols" for Urban & Regional Planners working in DTCP, HMDA, GHMC and Local Bodies, Researchers, Faculty & PG students is being organized with an objective to develop knowledge to think and process the data statistically and spatially in GIS.

The program presents a systematic overview on basic understanding of the challenges in data collection, analysis, interpretation, publishing, infographics and mapping, focusing on case studies.

As the data collected in cities is large and heterogenous, data formats with spatial scales, temporal scales and schematic granularity arise to exhaustive relationships with various economic, social, cultural, environmental and other human related factors. This Workshop will enable the urban planners and researchers to enhance their knowledge base on approaches to inquiry and landuse planning with relation to GIS. It would help them disseminate knowledge required to integrate into their profession and research.

**Learning Outcomes:**

Participants will acquire data from various sources (text and image based) and integrate the same on GIS application and produce thematic maps reflecting the use of quantitative and qualitative data over a spatial framework. Participants will also be able to publish the work in various formats.

**DATE:- 19<sup>th</sup>- 23<sup>rd</sup> September 2023**

**TIME:- 10.00 A.M TO 5.00 P.M**

**VENUE : R&D Lab, JNAFAU**

**Registration Deadline : 16<sup>th</sup> September 2023**  
Filling your information in this Google form is Mandatory.

Google form link:  
<https://forms.gle/1VEwPyKoci5fW3pA9>

**Registration Fee:**

Members from ITPI/  
Govt. Officials/Professionals -  
Rs.10,000/-  
Scholars & Faculty - Rs.7,000/-  
U.G & P.G Students - Rs.5,000/-

**Registration Payment Details**

Registrar, JNAFAU  
SBI A/C No: 37305159564  
IFSC : 20070  
Shanthi Nagar Branch SBI

**Organizers**



**Convenor:**  
Prof. Dr. V. Phani Sree  
Director R&D Cell



**Padmashri Maharaj**  
Asst. Prof and  
Research Associate(R&D)  
#8686268663



**Sruthi Reddy.C**  
Asst. Prof and  
Research Associate(R&D)  
#9949644811



**Coordinator :**  
Dr. E. Sandhya Reddy  
(Faculty SPA)  
# 98663393060



**Associate Faculty**  
Rithvik Y  
(Asst. Prof. SPA)  
#9966957676



**Associate Faculty**  
Sai Prasanna B  
(Asst. Prof. SPA)  
#8919813422

E-Certificate to the participants will be issued to registered email-id after the submission of the report

## WORKSHOP ON LANDUSE - DATA AND MAPPING PROTOCOLS

### Part I

Schedule for two days: 12 hours.

Date: 19<sup>th</sup>-20<sup>th</sup> September, 2023

Resource Persons: **Mr. Nagaraju Ravadi - Sr. Urban Planner, O/o Hon'ble Minister MA & UD)**

#### Day I - 19<sup>th</sup> September, 2023(Tuesday)

Sl. No	Details of the sessions	Time
<b>Session-I</b>		
01	Introduction to Workshop Basic Concepts of Mapping, Evolution	10:00 am-11.15am
Tea Break		11.15 am-11.30am
<b>Session-II</b>		
02	Mapping Concepts – II Mapping Protocols, Mapping process, Data Inputs - Topo sheets, Satellite Imagery and Cadastral Maps, Data availability, acquisition.	11.30 am-1 pm
Lunch Break		1:00 pm – 2:00 pm
<b>Session-III</b>		
03	Geographical Information System (GIS) – Overview QGIS - Interface / Basic Tools Geo-referencing – Topo/Satellite Image/ Cadastral. Theory and Practical	2:00 pm-5:00 pm

#### Day II -20<sup>th</sup> September, 2023(Wednesday)

Sl. No	Details of the sessions	Time
<b>Session-I</b>		
01	Data Creation-Digitization/Layers/Thematics	10:00 am-1:00 pm
Tea Break		11.15 am-1pm
02	Thematics 2.0	11.30 am-1 pm
Lunch Break		1 pm – 2pm
<b>Session-III</b>		
03	Thematics 2.0	2:00 pm-3.30 pm
Tea Break		3:30 am-3.45 am
<b>Session-IV</b>		
04	Data Publishing	3.45pm-5pm

## WORKSHOP ON LANDUSE - DATA AND MAPPING PROTOCOLS

### Part II – Data used Landuse Planning

Schedule for three days: 18 hours.

Date: 21<sup>th</sup> September, 2023 –23<sup>th</sup> September, 2023

#### Day III - 21<sup>th</sup> September, 2023 (Thursday)

Sl.No	Details of the sessions	Time	Resource Person
<b>Session-I</b>			
01	<b>Three V's of Data Democracy and Liberal Use for applications in the age of higher irrationality at source</b>	10 am-11.30am	<b>Ar.Ravi Kumar Reddy</b>
Tea Break		11.30 am-11.40am	
<b>Session-II</b>			
02	Formulating problem statement, Data Collection	11.40 am-1pm	Coordinator and Associate Faculty
Lunch Break		1 pm – 2pm	
<b>Session-III</b>			
03	Data driven decision making	2 pm-3.30pm	<b>Mr. Pavankumar Ankonapalli</b>
04	Continuation of Data Collection and Compilation	3.45pm-5pm	<b>Mr. NagarajuRavadi</b> Coordinator and Associate Faculty

#### Day IV - 22<sup>th</sup> September, 2023 (Friday)

Sl.No	Details of the sessions	Time	Resource Person
<b>Session-I</b>			
01	<b>Socio-economic feasibility analysis of land parcel</b>	10 am-11.30am	<b>Ar.Trivita Roy</b>
Tea Break		11.30 am-11.40am	
<b>Session-II</b>			
02	Base Map Preparation and Thematics	11.40 am-1pm	Coordinator and Associate Faculty
Lunch Break		1 pm – 2pm	
<b>Session-III</b>			
03	<b>Navigating Urban Complexities with Creative Map Making in Planning</b>	2 pm-3.30pm	<b>Ar.Madhava Rao</b>
Tea Break		3.30 pm-3.45pm	
<b>Session-IV</b>			
04	Continuation of Base Map Preparation and Thematics	3.45pm-5pm	Coordinator and Associate Faculty

#### Day V - 23<sup>th</sup> September, 2023(Saturday)

Sl.No	Details of the sessions	Time	Resource Person
<b>Session-I</b>			
01	<b>Continuation of.....Three V's of Data Democracy and Liberal Use for applications in the age of higher irrationality at source</b>	10 am-11.30am	<b>Ar.Ravi Kumar Reddy</b>
Tea Break		11.30 am-11.40am	
<b>Session-II</b>			
02	Interpretation and Publishing Data	11.40 am-1pm	<b>Mr. NagarajuRavadi</b> Coordinator and Associate Faculty
Lunch Break		1 pm – 2pm	
<b>Session-III</b>			
03	Analysis and Publishing Data	2 pm-4.30pm	<b>Mr. NagarajuRavadi</b> Coordinator and Associate Faculty
<b>Session-IV - Valedictory Session</b>			

