About SPAV

SPA Vijayawada, designated as an Institute of National Importance by the Ministry of Education, Government of India, specializes in Planning and Architecture education. Renowned for its academic excellence, it offers a wide range of Undergraduate, Postgraduate, and Doctoral Programs in these fields, emphasizing rigorous research. Recognized as one of the country's premier technical institutions. The campus boasts green credentials and top-notch facilities, including modern infrastructure, hostels, libraries, laboratories, and sports amenities, fostering a conducive environment for innovation and scholarly pursuits among faculty and students.

School of Planning and Architecture, Vijayawada.
Survey No.4/4, ITI Road, Vijayawada–520008,
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JOIN US

FOR 2 – DAYS WORKSHOP ON

RIVER SENSITIVE MASTER PLANS

&

GROUNDWATER MANAGEMENT THROUGH MASTER PLAN INSTRUMENTS

18th and 19th March, 2024

VENUE: CONFERENCE HALL, 1st FLOOR, SPAV

Organized by

School of Planning and Architecture, Vijayawada

Supported by

NIUA
National Institute of Urban Affairs

NAMAMI GANGE

GUEST SPEAKERS

MR. LOVLESH SHARMA,
NIUA PROGRAM CORDINATOR – CENTRE OF CLIMATE CITIES & URBAN RESILIENCE UNIT

MS. ISHLEEN KAUR,
NIUA SENIOR ENVIRONMENT SPECIALIST – WATER AND ENVIRONMENT VERTICAL

A **River-Sensitive Master Plan** is essential to safeguard the ecological integrity of river ecosystems while balancing development needs. It ensures sustainable land use along riverbanks, mitigates flood risks, and preserves cultural and recreational values.

Additionally, effective **Groundwater Management** through master plan instruments is vital for maintaining water security, supporting agriculture, and preventing depletion and contamination of groundwater sources.

Chief Patron
Professor Dr. Ramesh Srikonda,
Director, SPA Vijayawada

Coordinators
Professor Dr. Ayon Kumar Tarafdar
Associate Professor Dr. Prasanth Vardhan
Assistant Professor Ms. Ekta

NIUA
National Institute of Urban Affairs

WORKSHOP SCHEDULE

NAMAMI GANGE

INTEGRATING WATER INTO CITY MASTER PLANNING

DAY 1, 18th MARCH 2024

10:00 am – 10:15 am (15 minutes)

INAUGURATION

INTRODUCTION

10:15 am – 10:25 am (10 minutes)

CONTEXT SETTING

SESSION 1

10:25 am – 11:00 am (35 minutes)

MASTER PLANS AS A TOOL FOR WATER-SENSITIVE CITIES

The session will dive into different ways in which water resources interact with city planning and built form design and how the focus can be shifted to planning more water-sensitive cities in view of climate change and long term water security.

SESSION 2

11:00 am – 12:00 pm (60 minutes)

MASTER PLANNING OF RAJAMUNDRY

The session will have students presenting their work on the Master Plan of Rajamundry and the analysis on the water sensitive aspects in the existing plan and NMCG

SESSION 3

12:00 pm – 1:00 pm (60 MINUTES)

INTRODUCTION TO HOLISTIC URBAN RIVER MANAGEMENT

The session will elaborate on 'urban' rivers and the imperative to manage them holistically, considering the ecological, social and economic value a healthy river ecosystem provides. It will introduce the participants to the 10-point framework of the Urban River Management Plan developed by NIUA and NMCG

1:00 pm - 2:00 pm (Lunch)

SESSION 4

2:00 pm - 4:00 pm

HANDS ON EXERCISE: APPLICATION OF URMP OBJECTIVES IN RAJAMUNDRY'S CASE

DAY 2, 19th MARCH 2024

10:00 am – 10:15 am (15 minutes)

RECAP AND REFLECTIONS OF DAY 1

SESSION 1

10:15 am – 11:00 am (45 minutes)

RIVER-SENSITIVE MASTER PLANNING

The session will dive into different tools and approaches through which any river-thinking can be mainstreamed into City Master Plans/ development plans. The presentation will cover strategies like development controls, norms and regulations, special projects etc.

SESSION 2

11:00 am – 11:45 am (45 minutes)

INSTRUMENTS OF MASTER PLAN FOR GROUNDWATER MANAGEMENT

The session will present cases and best practices from the Master Plan of Delhi 2041 and river related policies from other cities to flesh out how aspects of water can be integrated into Master Plans.

SESSION 3

11:45 am – 01:15 pm (90 minutes)

EXERCISE ON INCORPORATING RIVER AND GROUNDWATER MANAGEMENT INTO RAJAMUNDRY'S MASTER PLAN

The exercise will look at different intersections between Rajamundry's city plan and water aspects to eventually arrive at a holistic river and groundwater sensitive development roadmap.

1:15 pm - 2:15 pm (Lunch)

SESSION 4

02:15 pm – 3:15 pm (60 minutes)

GROUP PRESENTATION BY STUDENTS ON STRATEGIES FOR RIVER & GROUNDWATER MANAGEMENT

3:15 pm – 3:30 pm

INTRODUCTION TO THE VIDEO MODULES ON URMP AND RSMP

3:30 pm – 3:40 pm

CONCLUDING REMARKS

'Engaging Young Minds for Mainstreaming 'River-thinking''

"Every Drop Counts: Students Driving Groundwater Sustainability"

"Youth-Led Solutions, Groundwater Revolution: Students Driving Change in the Master Plan."

STUDIO OVERVIEW

Nestled along the banks of the magnificent **Godavari River, Rajamahendravaram** showcases a distinctive fusion of historical legacy and modern ambitions. As it evolves into a thriving urban hub, the city encounters various challenges and prospects.

The **Rajamahendravaram Master Plan Studio** endeavors to tackle these complexities through a holistic urban planning strategy. With a focus on six key areas—**urban growth, economic vitality, transportation, quality of life, climate resilience,** and **river-centered development**—the studio aims to pave a sustainable and inclusive trajectory for the city's future.

योजना तथा वास्तुकला विद्यालय, विजयवाड़ा
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An Institute of National Importance, Ministry of Education Gov. of India