



NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH

DEPARTMENT OF CIVIL ENGINEERING

**E-
Certificate
will be
issued**

A Virtual FDP on “Advances in Water Resources Management”

16-20th May, 2022

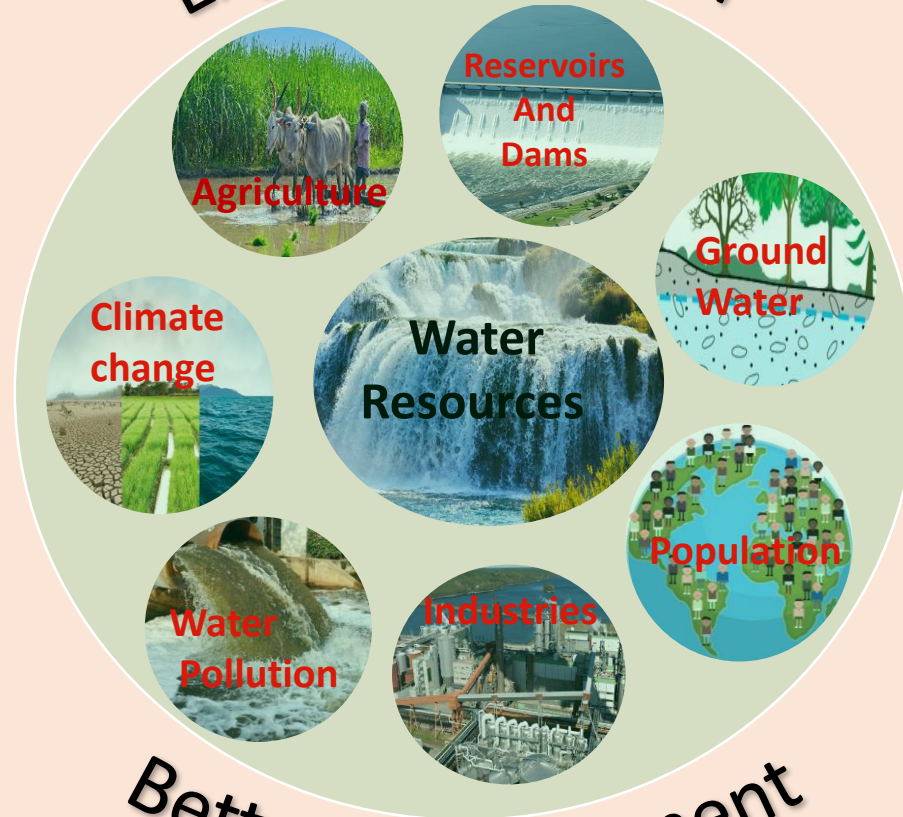
About the Institute

National Institute of Technology Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh was established in the state of Andhra Pradesh in the year 2015. The institute offers B.Tech., M.Tech., M.S. (by Research) and Ph.D. Programmes in Eight Engineering Disciplines.

About the Department

The Civil Engineering Department offers B. Tech, M.Tech (Geotechnical Engineering), M.S (by Research) and Ph.D. Programmes. Faculty research interests include, but are not limited to the following areas: Climate modelling, Water resources Management, GIS-based Hydrological Modelling, Groundwater Modelling, Constitutive modelling, Smart composites, Earthquake Geotechniques, Water and Wastewater Treatment, Environmental Geotechnology and Integrated Watershed Management.

Experts Views on



Better Management

Important Dates

Last date of registration: 09-05-2022

Intimation of selection: 12-05-2022

KEY NOTE SPEAKERS



Prof. D. Nagesh Kumar
Dept. of Civil Engineering
IISC Bangalore



Prof. Subashisa Dutta
Dept. of Civil Engineering
IIT Guwahati



Prof. Rajib Maity
Dept. of Civil Engineering
IIT Kharagpur



Dr. Priyank Sharma
Assistant Professor
Dept. of Civil Engineering
IIT Indore



Dr. S. V. Vijay Kumar
Scientist 'G'
NIH Guwahati



Dr. Talari Reshma
Assistant Professor
NIT Andhra Pradesh



Dr. Vinay Chembolu
Assistant Professor
Dept. of Civil Engineering
IIT Jammu



Dr. Rajiv Gandhi
Assistant Professor
Dept. of Civil Engineering
GB Pant University



Chief Patron
Prof. Pramod M. Padole
Director
NIT Andhra Pradesh



Convenor
Dr. Baranidharan Sundaram
Head, Dept. of Civil Engineering
NIT Andhra Pradesh



Coordinators
Dr. Subbarao Pichuka
&
Dr. Laveti N. V. Satish
Assistant Professor,
Department of Civil Engineering,
NIT Andhra Pradesh

About FDP

The accessible fresh water resources on our planet is $\leq 1\%$. Most of the species of our planet are directly depends on this minute amount. Especially, humans are exploring the large quantity for several purposes such as for domestic, industrial, agricultural purposes etc. On the other hand, population is growing exponentially and the amount of fresh water resources are declining due to several reasons. For example, adverse impacts of climate change on water resources, mixing of industrial effluents without proper treatment, etc. Under these contexts, effective management of the accessible freshwater resources with advanced scientific methodologies are of great concern around the globe.

Who Can Attend? Faculty Members, PG Students, Research Scholars, Industry Participants, Post doctoral students and others. The entry is restricted to 150 participants. Participants who successfully complete the course **will be issued an E-certificate.**

A non-refundable registration fee of ₹ 300/- per participant and last date for registration is 9th May 2022.

Payment Details

Account Name: Director, NIT Andhra Pradesh

Account Number: 34999496394

IFSC Code : SBIN0016305

Name of the Bank: State Bank of India

Branch: Satyavathi Nagar, Tadepalligudem-534102.

Registration Link: <https://forms.gle/q3144mKmhGx9vuPf7>

Contact through Email: fdp.civil@nitandhra.ac.in

SCHEDULE OF EVENTS

Date /Time	10:00 – 11:30 AM	2.30 – 4:00 PM
16 th May 2022	Dr. Nagesh Kumar Indian Institute of Science Bangalore “Remote Sensing, GIS & DEM for Water Resources Assessment“ #	Dr. Rajib Maity Indian Institute of Technology Kharagpur “Climate change and precipitation extremes: What we understand from the recent studies?”
17 th May 2022	Dr. Subbarao Pichuka National Institute of Technology, AP “Spatio-temporal variation of Indian precipitation under the context of climate change”	Dr. Subashisa Dutta Indian Institute of Technology Guwahati “Socio Hydrology for Indian context”
18 th May 2022	Dr. S. V. Vijay Kumar National Institute of Hydrology, Guwahati “Importance of capacity building to reduce the gap between advances and practices in water resources management”	Dr. Laveti N. V. Satish National Institute of Technology, AP “River-Aquifer Interactions in an Irrigation Dominated Ganga Sub-basin”
19 th May 2022	Dr. Priyank Sharma Indian Institute of Technology Indore “Big Data Applications for Water Resources Management”	Dr. Rajeev Gandhi GB Pant University “Identification of Virus Sources with Limited Well Data”
20 th May 2022	Dr. Talari Reshma National Institute of Technology, AP “Applications of remote sensing and GIS in	Dr. Vinay Chembolu Indian Institute of Technology Jammu “Nature Based Solutions for River Corridor