

ABOUT THE UNIVERSITY

Jawaharlal Nehru Technological University, Hyderabad, was established on 2nd October 1972 by the Legislature of the State of Andhra Pradesh as the first Technological University in the country with 4 units. It has been at the forefront for the past 51 years in providing quality technological education in the State of Andhra Pradesh. It was restructured into 4 units and 4 different Universities in the year of 2008 and designated as Jawaharlal Nehru Technological University Hyderabad (JNTUH). Jawaharlal Nehru Technological University has 250+ affiliated colleges and 8 constituent colleges. The University has Memorandum of Understanding with the International and National Organizations/Universities/Institutions.

ABOUT THE COLLEGE

The college was established in 1965 under the name of Nagarjuna Sagar Engineering College by the Government of Andhra Pradesh and then renamed JNTUH College of Engineering in 1972. Recently in 2023 again renamed Jawaharlal Nehru Technological University College of Engineering, Science and Technology Hyderabad (JNTUHUCESTH). Formerly known as The University Engineering/Pharmacy Colleges and Academic Units of JNTUH are offering B. Tech. in 8 engineering branches, B. Pharmacy, M. Tech. in 16 specializations, M. Pharmacy, M. Sc. in 4 specializations and Five-year Integrated Dual Degree Master's Program in 5 specializations with M. Tech. Additionally, Ph.D. programs are offered in all streams.

ABOUT THE DEPARTMENT

The Civil Engineering Department was established in the year 1965. It offers B.Tech (Civil), Integrated Dual Degree (Civil + Structures) program and Four Masters programs in

Civil Engineering with different specializations such as Structures, Geotechnical, Transportation and Water Resources Engineering. It has well-equipped laboratories, and well-qualified and experienced faculty with a deep sense of commitment to teaching, research, and consultancy.

ABOUT THE WORK SHOP

In the recent past, natural calamities such as flooding, earthquake-induced landslides, and liquefaction of soil were observed in several regions in India. To sustain these hazards, expert researchers and industry experts constantly place their good efforts to develop various viable technical solutions to protect the infrastructures found on the ground. Not only natural hazards, but sometimes untreated problematic soils such as expansive soils and reclaimed soils will cause enormous damage to the infrastructure in terms of excessive and differential settlement, and also stability-related problems.

Everywhere on the earth massive infrastructure development in terms of major irrigation, housing, Highways, PMGSY, Modern Airports, High-Speed rail Corridors, Power Projects, etc has gained momentum. Civil engineering structures such as dams, railways, highways, bridges, mass transit systems, seaports, airports, and tall structures aid in improving the living standards of the ever-increasing global population.

The design and construction of these structures pose challenges to Civil Engineers in terms of complex ground conditions, difficult foundation sites, deep excavations, cost-effective solutions, etc. Significant progress has been achieved in several fields of geotechnical engineering. Ground can be engineered to suit a variety of difficult and complex environmental loading conditions.

The workshop on GeoApps 2024 aims to provide a forum for the exchange of technical information among

academicians, practitioners, and young engineers. The workshop consists of 8 invited lectures from academics and practitioners followed by presentations of research scholars from JNTUH, IITH, NITW, VNR, Mahindra University, etc. The discussions mainly focus on ongoing research and industrial aspects in Geotechnical engineering.

WHO CAN ATTEND?

The workshop is open to all the stakeholders of the Geotechnical domain from academia to industry. Faculty members, Post Graduate students, Research scholars, and consultants in the Civil and Geotechnical specialization may register .

INVITED SPEAKERS

1. Prof. M. R. Madhav, IIT Hyderabad.
2. Mr. C. R. Eswara Prasad, General Manager Engineering, Tata Projects Limited, Hyderabad.
3. Mr. C. R. Balaji, Principal Engineer, Prof. V.S. Raju Consultants, Hyderabad.
4. Dr. Naresh Mali, HMR, Hyderabad.
5. Mr. S. Krishna Karthik, Technical Engineer, TenCate Geosynthetics India, A Solmax Company, Hyderabad.
6. Presentations by Ph. D. scholars

IMPORTANT DATES

Last date of registration: 14th March 2024
Program date : 16th March 2024

REGISTRATION AND FEE PARTICULARS

Academicians and Practitioners : Rs. 1000/-
Research scholars/students : Rs. 400/-

Registration fee payment shall be made using below QR-CODE.



Register for the workshop using the following link
<https://forms.gle/toGMRWM2ExqFN8VA>

ORGANIZING SECRETARY

Prof. M. Padmavathi, JNTUHUCESTH

STUDENTS COORDINATORS FROM JNTUHUCESTH

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M.Tech 1st Year Geotechnical Engineering,
JNTUHUCESTH
4. Mr. D.Vamshi Krishna - Co-Coordinator
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CHIEF PATRON

Prof. Katta Narasimha Reddy, Vice-Chancellor
JNTUH

PATRON

Dr. K. Vijaya Kumar Reddy, Rector, JNTUH
Dr. K. Venkateswara Rao, Registrar, JNTUH
Dr. G.V. Narasimha Reddy, Principal, JNTUHUCESTH

ORGANIZING COMMITTEE

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Prof. V. Padmavathi, JNTUHUCESTH
Prof. M. Padmavathi, JNTUHUCESTH
Dr. N. Darga Kumar, JNTUHUCESTH



One Day Workshop

on

***Geotechnical Applications
(GeoApps) – 2024***

on

16th March 2024



Organized by



**Venue: CRC Seminar Hall
From: 9:30 AM to 5:00 PM**

**Indian Geotechnical Society,
Department of Civil Engineering,
JNTUHUCEST Hyderabad**

Kukatpally, Hyderabad, 500 085, Telangana
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