



A Hybrid Poster/Paper Presentation on the
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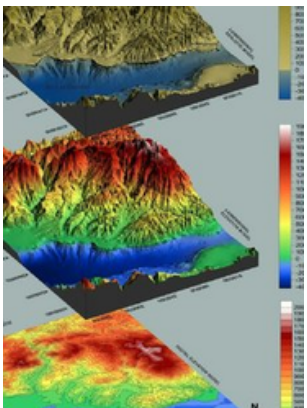
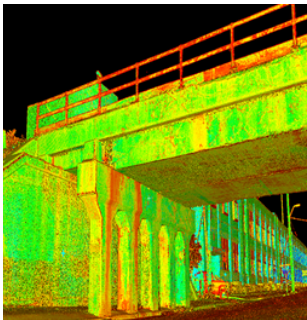


GIS Day Celebrations

16th November 2022

**Centurion
UNIVERSITY**

*Shaping Lives...
Empowering Communities...*



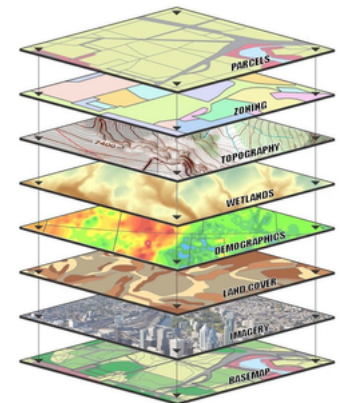
Supported by

Esri India Technologies Private Limited

Jointly Organized by

Department of Civil Engineering &

Centre for Data Science & Machine Learning



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GIS day

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About the University

Centurion University of Technology & Management (CUTM) is the first multi sector private university in Odisha, established through an act of state legislative assembly in 2010 and duly recognized by U.G.C. The core objective of CUTM is to 'Shape Lives and Empower Communities', creating wealth and livelihood opportunities for the underprivileged. Through a number of constituent institutes and schools, the university offers graduate, postgraduate and doctoral level courses in agriculture, engineering, management, basic science, architecture planning, media & communication and vocational education and training (ITI & Diploma). The uniqueness of CUTM is its integration of higher education with skill development in different economic sectors.

Department of Civil Engineering

Department of Civil Engineering of SoET, that offers B. Tech Program in Civil Engineering and M. Tech programme in Structural Engineering, Transportation Engineering and M.Sc. (Geoinformatics) has plentiful infrastructure to cater to the academic needs of its students. The department is supported by both senior faculty with vast experience and young qualified faculty who not only disseminate knowledge but also motivate the students and raise their aptitude of learning and become knowledgeable and wise as well. The distinctiveness of CUTM in general and the department of civil engineering in particular is its curriculum planned under *Choice Based Credit System (CBCS) as well as offers Domain project (Aerial Surveying and Remote sensing applications)* which enable the students to choose the subjects that match their interest of professional career.

About Esri

Esri, the global market leader in geographic information system (GIS) software, location intelligence, and mapping, helps customers unlock the full potential of data to improve operational and business results. Founded in 1969 in Redlands, California, USA, Esri software is deployed in more than 350,000 organizations globally and in over 200,000 institutions in the Americas, Asia and the Pacific, Europe, Africa, and the Middle East, including Fortune 500 companies, government agencies, non-profits, and universities. With its pioneering commitment to geospatial information technology, Esri engineers the most innovative solutions for digital transformation, the Internet of Things (IoT), and advanced analytics.

About Research Centre

The Centre for Data Science and Machine Learning focuses on the research activities like Multispectral and Hyperspectral Image Processing, Plant Disease Detection, Natural Language Processing, Geomatics and Its Application, Big Data Analysis using Hadoop and MongoDB, Extract, Transform and Load (ETL)

Themes of Poster presentation

- GIS and its application in Town planning and Urban development.
- GIS and its application in Transportation networks.
- GIS applications in Water Resources Management.
- Remote Sensing and GIS Applications: Geology and Geomorphology and Environmental studies.
- GIS application in Flood, Landslide, Soil erosion etc.
- GIS for Agriculture, Ecosystems, and Hydrology
- Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions
- Remote Sensing and Climate Change.
- GIS and Remote Sensing role in Mining, Military, Navigation, Archaeology.
- GIS application for Health Science.
- Remote Sensing and Forestry.
- GIS application for Disaster mitigation and management.
- Image Processing using Machine Learning

N.B. This presentation is not only limited to the above-mentioned themes.

About the celebration programme

"GIS Day is a wonderful opportunity for professionals from around the world to get together to share the amazing things they are doing. This year, more than ever before, the work of GIS has helped the world better understand and mitigate the impacts of unprecedented crises, including climate change and COVID-19. Organizations across the globe are taking part in grassroots events that help celebrate geospatial science and how it impacts the real world for good. Our users should be proud of the work they do, which GIS Day is meant to showcase."

Resource Person

The hybrid programme will be conducted by specialist's drawn from the ESRI, ISRO, IITs, NITs, Reputed universities and other experts from Geospatial Industry

Target Groups

The presentation is mainly targeted for the student /faculty members of Engineering/Science colleges from various disciplines like Civil Engineering, Environmental Engineering, Mining Engineering Computer Science and Engineering, Information Technology, Environmental Science, Agriculture Engineering and Science, Animal science, Geology, Geography, and also for the industry person, Research scholar etc.

Awards

Participants successfully completing this presentation will be awarded an *E-certificate* of presentation and a "**Best Presenter**" is also awarded.

Registration

There is "**NO**" registration fee for the participants

Link: <https://forms.gle/J6yC9MTToJp8bzcR7>

Publication

All selected papers will be published as conference proceedings in "*Centurion Journal of Multidisciplinary Research*" and Abstracts will be published in "*GIS day Souvenir*"

Important Dates

Registration and Abstract by: 20th October 2022

Full Poster/Paper Submission by: 5th Nov 2022

Acceptance Intimation by: 12th Nov 2022

Contact Information

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