

# National Conference on Recent Advances in Geo-Sciences, Engineering & Technology (NCRAGE)

Sponsored by  
**TEQIP-II**

(Technical Education Quality Improvement Programme-II)

**20<sup>th</sup> & 21<sup>st</sup> December 2012**

Convener  
**Dr. Padma Kumari K.**  
Associate Professor



*Organized by*

DEPARTMENT OF CIVIL ENGINEERING  
**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA**

(Autonomous)

**Jawaharlal Nehru Technological University Kakinada**  
Kakinada, A.P., India. [www.jntuk.edu.in](http://www.jntuk.edu.in)



## A brief history of JNT University Kakinada

The temple of learning, “The College of Engineering, Vizagpatnam” located at Kakinada was established in 1946 as constituent College of Andhra University, Waltair, in the composite state of Madras. Then, this College became a constituent of Jawaharlal Nehru Technological University Hyderabad in 1972 through an Act of Legislature and was bestowed with an autonomous status in the year 2003. Subsequently this College was elevated as JNTU Kakinada in 2008 in a sprawling campus of 110 acres through an Act of AP Legislature, with university college of engineering, vijayanagaram as its constituent college. The university offers inter-disciplinary post graduate programmes through Institute of Science and Technology (IST) on the university campus.

The University College of Engineering, Kakinada is accredited by NBA. This College of Engineering is governed by the rules and guidelines provided by the University from time to time. The Principal, as an administrative and academic head of the College; is assisted by Vice-Principal and College Academic Committee in academic matters and a Deputy Registrar and office staff in administrative matters. The day-to-day activities of the college are carried out by budgetary allocation from the University funds. The college won appreciation for judicious effective utilization of TEQIP - I funds and has been under TEQIP - II, with academic milestones to be scaled.

The Department of Civil Engineering, University College of Engineering, Kakinada, JNTU Kakinada has contributed many a stalwart to serve the mankind all throughout the world through its committed academic legacy. Both the Department of Civil Engineering and its alumni are mutually proud of their achievements. The Department offers both Under Graduate and Post Graduate programmes and also International Integrated Master Degree Programme (IIMDP) in association with Asian Institute of Technology, Bangkok (AIT). The Department is known for organizing academic interactions through conferences, seminars, symposiums and workshops.

## About the Conference

Of late, Geospatial based technology is an emerging tool in planning and management apart from its wide applications in civil engineering, electrical and electronics engineering, computer science & engineering, geology, geography, geo-informatics, geophysics, earthquake engineering etc. This tool helps solve complex engineering problems in different fields, viz., water resource engineering, environmental, transportation, groundwater potentiality mapping, and water quality mapping issues, digital image processing, education technology, climate change, mineral exploration etc, with a lot of research is going on in these fields. The main objective of this conference is to provide a common platform to Scientists, Engineers, Researchers, Academicians and Participants from the fields of Geo-Sciences, Geotechnical, Environmental, Water Resources, Structural Engineering, Geography, RS & GIS, Digital Image Processing, and contributing departments viz., NIH, Ministry of Rural Development, APSRAC, NRSC, ONGC, CGWB, SGWB, Mines & Minerals, InfoTech, to discuss and solve various problems using RS and GIS techniques.

### Conference Themes

- Geospatial Technologies.
- Remote Sensing and GIS Applications.
- Digital Image Processing.
- Climate change Impacts on Hydrology using Geospatial Technologies.
- Advances in Civil Engineering (Geotechnical, Geo-environmental, Structural, Environmental, Transpiration, Water Resource Engineering)
- Mineral Explorations using RS and GIS.
- Hyper Spectral Remote Sensing.
- Microwave Remote Sensing.
- Applications of RS & GIS in Earth quake engineering
- Engineering Geology, Geography, Geo-Environmental Issues, Geological, Geomorphology, Mineral Explorations, water Analysis.
- Village level Information systems, spatial decision support systems, using RS & GIS.
- Education Technology using Remote Sensing and GIS, Spatial Data Mining etc.

## Organizing Committee

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## Paper Submission

The authors are requested to submit the abstract of the paper not exceeding 200 words. The full text paper, not exceeding 10 pages, should be prepared on A4 size using MS Word confirming to an all round margin of 25mm and 1.5 line spacing with 12 font size in Times New Roman. They are requested to submit the abstracts and full text papers through E-mail strictly at **NCRAGE12@gmail.com**

### Important Dates

Submission of Abstract	20 <sup>th</sup> Nov 2012
Intimation of Acceptance	25 <sup>th</sup> Nov 2012
Submission of full length paper	08 <sup>th</sup> Dec 2012
Intimation of Acceptance	15 <sup>th</sup> Dec 2012

### Publications of Proceedings

All plenary lecturers, invited talks and accepted papers will be published in conference proceedings. The selected papers will be published in leading International journal after peer review process.

### Registration Fee

Participants from Industry	: Rs.1000/-
Researchers & Academicians	: Rs. 500/-
Post-graduate Students	: Rs. 300/-

### Sponsorships

Many eminent Scientists, Engineers, Researchers, Academicians and Participants from the fields of Geo-Sciences, Geotechnical, Environmental, Water Resources, Structural Engineering, Geography, RS & GIS, Digital Image Processing, and contributing departments viz., NIH, Ministry of Rural Development, APSRAC, NRSC, ONGC, CGWB, SGWB, Mines & Minerals, Info-Tech, will participate in this conference.

Organizations related to the fields of Civil Engineering, Geology, GIS, ERDAS, RSI, GPS software & instruments and contractors find it rewarding to sponsor the events on this occasion.

The sponsoring tariff is as follows.

Chief Sponsorship	: Rs. 50,000/- (10 Delegates)
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Convener

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**The filled in Registration Form should be sent**

To

The Convener, NCRAGE,

Department of Civil Engineering,

University College of Engineering, Kakinada

JNTU Kakinada, Kakinada - 533 003,

E.G.Dt., Andhra Pradesh, India.

**Important:**

Submission of  
Abstract and Full Text Papers strictly at  
E-mail: **NCRAGE12@gmail.com**

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**Registration Form**

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**20<sup>th</sup> & 21<sup>th</sup> December 2012**

Category of participation:.....

Academician  Researcher  Industry  Student

Name: .....

Designation:.....

Organization:.....

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