

ORGANIZING COMMITTEE

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Dr. P Markandeya Raju Professor & HoD, Civil

Co-convenor

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Coordinators

Mr. Ch V Ravi Sankar Assistant Professor

Mr. Kalyan AVS Assistant Professor

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Mrs. M Sai Priya	Mr. L Sankarrao

WHO CAN ATTEND?

Faculty members, Academicians, Research Scholars, PG & UG Students, Members from R&D Organizations can participate in the conference.

HOW TO APPLY?

Registrations can be done online@
<https://forms.gle/MBFLBpJNS22xJVqA8>

HOSPITALITY

Accommodation and Hospitality will be provided to outstation participants at Hostels for a nominal fee.

IMPORTANT DATES

Submission of Abstracts: 16.01.2022

Intimation to shortlisted papers: 20.01.2022

Submission of full papers: 23.01.2022

REGISTRATION FEES

For academicians, scientists: 500/-

For students (Ph.D., P.G., U.G.): 300/-

For industry participants: 1000/-

CONTACTS

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HIGHLIGHTS

SELECTED PAPERS WILL BE PUBLISHED AS BOOK CHAPTERS IN REPUTED JOURNALS

BEST PAPER AWARDS.

2nd International Conference on EMERGING TRENDS IN WATER RESOURCES AND GEO-ENVIRONMENTAL ENGINEERING

27-29 January, 2022

(Sponsored by SERB-DST, GoI)



Organized by

**Department of Civil Engineering,
MVGR College of Engineering
(Autonomous)**

Accredited by NBA & NAAC, Approved by AICTE New Delhi,
Permanently Affiliated to JNTU Kakinada
Listed u/s 2(f) & 12(B) of the UGC Act 1956

**Vizianagaram, Andhra Pradesh
India - 535005**

www.mvgcrce.com/etwree

ABOUT MVGR

Maharaj Vijayaram Gajapathi Raj College of Engineering was established in the year 1997 under the aegis of MANSAS (Maharaj Alak Narayana Society of Arts and Science) founded by Late Dr. PVG Raju, Raja Saheb of Vizianagaram. The college offers 7 UG & 6 PG Programs. MVGR is Recognized as "Center of Excellence" by PTC for Creo and Windchill training, VIRTUSA for PEGA training, MICROSOFT under Ed-vantage Program, WIPRO for its WIPRO MISSION 10X Technology Learning Center (MTLC), TCS for its Academic Interface Program (AIP), SIEMENS for Digital Manufacturing, "Business Incubator" by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India and Skill Development Center by AP State Skill Development Corporation. The institute in collaboration with PTC, Siemens, WIPRO, TCS, Oracle, IIRS, Cisco, and other reputed national level organization offers skill development programs.

ABOUT THE DEPARTMENT

Department of Civil Engineering was established in the year 2009 offers B.Tech in Civil Engineering and M.Tech in Structural Engineering. The UG program is accredited by NBA Tier-I. The Department has state of the art infrastructure & well-equipped laboratories. 27 well qualified strong team of faculty with a blend of industry, R&D, and teaching experience with varied specializations offer teaching-learning services. Among the 17 are doctors, and 14 are currently pursuing their doctoral research from prestigious institutes. The department has a dedicated Computer Centre & Research Centre promoting active research. The department has certified competency for skill development leading to award of certification in Remote Sensing and STAAD.Pro in collaboration with Indian Institute of Remote Sensing (IIRS) and Bentley. The department has funded research project worth more than 140 Lakhs from DST. The department offers consultancy services to various organisations and also serves as a Third-party QA & QC agency for Vizianagaram Municipal Corporation.

ABOUT THE CONFERENCE

Water is an essential ingredient for a society's development. In recent decades, water resources have been under severe stress in terms of quantity and quality. If we are to guarantee the future generation a better world to live in, we have to judiciously manage and protect the existing water resources at global as well as local levels. This international conference is aimed at bringing together an eminent body of scholars and experts from around the world to share research

The objectives of the conference are

- To bring together leading academicians, researchers, scientists, practitioners, stakeholders, and NGOs to exchange and share their experiences, practical challenges encountered and solutions adopted in the area of water resources management.
- To provide a premier interdisciplinary platform for researchers, academicians, scientists, research scholars, and the student community to present and discuss the most recent trends in the area of water resources and geo-environmental engineering.

BROAD CONFERENCE THEMES

- Urban Water Resources Management.
- Urban Waste and Wastewater Systems.
- Environmental Impact Assessment and Life Cycle Analysis.
- Hydrologic and Hydraulic Modeling.
- Impact of Climate Change on Water Resources.
- Geo-environmental Engineering.
- Ground Improvement Techniques.
- Emerging Environmental Contaminants.
- Ambient and Indoor Air Pollutants.
- Climate Change Mitigation.
- Soft computing, AI, and, ML Applications.
- RS and GIS Applications.
- Case Studies.

ADVISORY BODY

INTERNATIONAL

Prof. JP King, NMSU, USA.

Dr. Juneseok Lee, Manhattan Univ., USA

Prof. Michele John, Curtin University

Dr. Venkata Krishna Kumar Upadhyayula, Umea University, Sweden

NATIONAL

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Prof. D Nagesh Kumar, IISc Bengaluru

Prof. GVR Srinivasa Rao, IIIT Nuzvid

Dr. KBVN Phanindra, IIT Hyderabad

Prof. K Rajeswara Rao, Former Dean, MVGR

Prof. NV Uma Mahesh, NIT Warangal

Dr. R Maheswaran, IIT Hyderabad

Dr Remya Neelamchetty, IIT Bhubaneswar

Prof. TV Bharat, IIT Guwahati

Prof. Vemu Sreenivasulu, JNTU Kakinada

Dr. PV Nidheesh, Scientist, NEERI

Dr. YR Satyajji Rao, NIH Kakinada

Keynote Speakers from

IISc, IITs, NITs, Research Organizations.

(Details will be updated soon on website.)