

Technical Advisory Committee

- Prof. G Appa Rao**, IIT Madras, India
Prof. S K Shukla, Edith Cowan University, Australia
Dr. Christy Gomez, UTHM, Malaysia
Dr. Chatinya Krishna, The University of Tokyo, Japan
Dr. ArySetyawan, Universitas SebelasMaret (UNS), Indonesia
Dr. K. Sudhakar Reddy, IIT, Kharagpur, India.
Dr. Rakesh J Pillai, IIT Palakkad, India.
Dr. P Ravi Prakash, IIT Jodhpur, India.
Dr. C.S.R.K. Prasad, NIT Warangal, India.
Dr. P Rathish Kumar, NIT Warangal, India.
Dr. D. Karthik, NIT Srinagar, India.
Dr. Shashi Ram, NIT, Warangal, India.
Dr. V. Ravindra, Director, R&D, JNTU Kakinada, India
Dr. Madhuwanti Latkar, VNIT, Nagpur, India.
Mr.Roshan Rednam, Manager, Shree Cement Limited,A.P,India
Mr.M. Rahmatulla, Sr.DGM, Pennar Industries Limited, Hyderabad, India.
Er. K. Srinivas, ENC, Irrigation Dept. Govt. of A.P

Keynote Speakers

- Prof. C. B. Kameswar Rao**, NIT Warangal, India.
Ar. Sarly Adre Sarkum, Architecture futurist, Malaysia.
Dr. Krishna R. Reddy, Professor, University of Illinois, Chicago
Dr. S. K. Shukla, Professor,Edith Cowan University, Australia

PATRONS

- Prof. A.V. Ratna Prasad**
Principal, VRSEC
Prof. B. Panduranga Rao
Dean Student Affairs and Civil Works Consultancy, VRSEC

Convenor

- Prof. Ch. Srinivas**
Head of the Civil Department, VRSEC

Co-Convenor

- Dr. Hanuma Kasagani**, Assistant Professor, VRSEC
Dr. Anuja Charpe., Assistant Professor, VRSEC

Editorial Committee:

- Prof. C. B. Kameswar Rao**, NIT Warangal
Dr. Hanuma Kasagani, Assistant Professor, VRSEC
Dr. Anuja Charpe, Assistant Professor, VRSEC

- Dr. SRR Teja Prathipati**, Assistant Professor, BEC.
Dr. Yeswanth Paluri, Assistant Professor, BEC.

Coordinators

- Dr. Hanuma Kasagani**, Assistant Professor, VRSEC
Dr. Anuja Charpe., Assistant Professor, VRSEC
Mr.B. Sriram, Assistant Professor, VRSEC
Mr. Sk. Khaja Sameer, Assistant Professor, VRSEC

Co-Coordinators

- Dr. Lakshmi Keshav**, Associate Professor, VRSEC
Dr. Mandava Kanta Rao, Sr. Assistant Professor, VRSEC
Dr. P. Krishna Prasanna, Assistant Professor, VRSEC

Organizing Committee

- Smt. T. Sujatha**, Assistant Professor, VRSEC
Mr.M. Tej Sai, Assistant Professor, VRSEC
Mr.S. Satish, Assistant Professor, VRSEC
Mr.G. Yaswanth, Assistant Professor, VRSEC

Monitoring Committee

- Dr. N R Krishnamurthy**, Professor, VRSEC
Dr. MVS RAJU, Professor, VRSEC
Dr. KSR Prasad, Professor, VRSEC
Dr. T.S. Ramaiah Chowdary, Professor, VRSEC
Dr. V V N Prabhakara Rao, Professor, VRSEC
Dr. TS Rambabu, Associate Professor, VRSEC
Dr. V. Mallikarjuna, Associate Professor, VRSEC
Dr. G.V. Rama Subba Rao, Associate Professor, VRSEC
Mr. B. Venkat Rao, Assistant Professor, VRSEC
Smt. N. Malathi, Assistant Professor, VRSEC
Mr. A. Dattatreya Kumar, Assistant Professor, VRSEC
Mr. U. V. Narayana Rao, Assistant Professor, VRSEC
M. Raghava Prasad, Assistant Professor, VRSEC
Smt. B. Durga Priyanka, Assistant Professor, VRSEC

Web & Publicity Committee

- Mr. Haroon Ali Khan**, Assistant Professor, VRSEC
Mr. G. Nipun, Assistant Professor, VRSEC
Smt. Y. Suma, Assistant Professor, VRSEC
Mr. K. Anjaneyulu Naik, Assistant Professor, VRSEC

Conference Chair

- Prof. C. B. Kameswar Rao**, NIT Warangal



International Conference (Online) on Innovative Technology for Smart Construction Materials and Sustainable Infrastructure 14th & 15th October, 2022



Organized by
Department of Civil Engineering
V R Siddhartha Engineering College (Autonomous)



In Association with
Indian Concrete Institute,
VRSEC Student Chapter
Vijayawada Machilipatnam Highway,
Chalasanu Nagar, Kanuru, Vijayawada, Andhra Pradesh, India,
Pincode: 520007

Website: <https://www.vrsiddhartha.ac.in/itscsmi-2022/>

PUBLICATION PARTNER



ABOUT VRSEC

Velagapudi Ramakrishna Engineering College (VRSEC) sponsored by Siddhartha Academy of General and Technical Education was established in the year of 1977. VRSEC is ideally located in the vast expanse of 24 acres of land in the Capital Region of Andhra Pradesh. VRSEC is offering 7 UG (B.Tech) and 9 PG (M.Tech) Programs in various specializations. Out of which 6 UG and 5 PG programs were accredited by NBA in Outcome Based Education Format (OBE). In addition, the institute is offering PG programs in MBA and MCA. Annually, the student intake of the institute is 1440 and total strength of the college is 5700. VRSEC was certified with ISO 9001:2015. UGC has conferred the Autonomous status to the Institute in the year 2018 for a period of 10 years.

ABOUT CIVIL ENGINEERING DEPARTMENT

One of the oldest departments of the college, offers one undergraduate and two postgraduate programs. The department is privileged to be recognized as one of the best civil engineering departments in the state. The Department is the first to introduce M.Tech in Structural Engineering in the year 1999 and the first institute in private sector in Andhra Pradesh to be accredited by NBA under Washington Accord. Later in the year 2016, M.Tech in Geotechnical engineering was introduced. The Department of Civil Engineering awarded as Best Industry-Linked Civil & Allied Engineering Institute from AICTE-CII Survey 2019.

ABOUT THE CONFERENCE

The primary objective of the International Conference on Innovative Technology for Smart Construction Materials and Sustainable Infrastructure (ITSCMSI-2022) to provide a platform to the researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the Civil Engineering in line with the conference theme "Building the World with Innovative Structures towards a Sustainable Future". The scope of the conference is to gather scientists, practitioners, members of technical committees and users of technical recommendations, to jointly at the same place discuss and envision the future sustainable development of materials, systems and structures in a holistic, global way. Thus, it aims at providing a premier platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Civil Engineering.

INSTRUCTIONS TO PARTICIPANTS

- Invited talks will be delivered by experts from industry and academia
- All accepted contributed papers based on their merit given an opportunity to present orally
- All the sessions will be conducted online
- All papers will be subjected to a peer review process and accepted papers will be published in **IOP: Earth and Environmental Science (indexed in SCOPUS and Web of Science)**.
- **Best Paper will be Awarded**
- All the papers must be free from plagiarism. Similarity index must be less than 15%.
- All papers must be original and not been submitted to any other conferences or journals.
- Registering at least one author per paper is mandatory
- Registration fee includes access to attend all technical sessions, participation certificate and publication charges
- Authors must present the paper in the given time slot
- A one page abstract not more than 300 words with complete details of authors and affiliations is invited from prospecting authors through the following email: itscmsi@vrsiddhartha.ac.in

CONFERENCE THEMES

The conference focuses on latest research in different areas of civil engineering with special emphasis on sustainable construction practices. The main theme of the conference is "Building the World with Innovative Structures towards a Sustainable Future" and it is divided into seven sub-themes:

- i. **Smart materials and sustainable construction,**
- ii. **Sustainable infrastructure in Structural Engineering**
- iii. **Sustainable infrastructure in Geotechnical and Transportation Engineering**
- iv. **Sustainability in Environmental Engineering**
- v. **Sustainability in Irrigation, Water Resources and Management**
- vi. **Sustainability in Construction Management, and**
- vii. **Remote Sensing and GIS Applications in Sustainability**

WHO CAN ATTEND?

Participation in this conference is open to the faculty members, research scholars, postgraduate and undergraduate students from academics, research institutes and working professionals.

IMPORTANT DATES

Submission of Abstract	: 31st July, 2022
Acceptance of Abstract	: 5th August, 2022
Submission of Full Paper	: 20th August, 2022
Acceptance of paper	: 20th Sept, 2022
Registration FEE	

Category of Participants	Registration Fee	
	Indian (₹)	Foreign (\$)
Academia	6500 /-	85
Industry	7000 /-	90
Attendees	500/-	20

Contact Details:

Dr. HanumaKasagani, Assistant Professor, VRSEC E-mail: hanumakasagani@vrsiddhartha.ac.in Mobile No: +919030206395	Dr. AnujaCharpe Assistant Professor, VRSEC E-mail: anujacharpe@vrsiddhartha.ac.in Mobile No: +918668444933
Mr. Sk. Khaja Sameer Assistant Professor, VRSEC E-mail: sk.khajaameer@vrsiddhartha.ac.in Mobile No: +918688888118	Mr. B. Sriram, Assistant Professor, VRSEC E-mail: b.sriramb@vrsiddhartha.ac.in Mobile No: +917799456232