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Organizing Members:

All Staff members of Department of Civil and Mechanical Engineering

About VVIT

Vasireddy Venkatadri Institute of Technology was established under the aegis of Social Educational Trust, Guntur in the year 2007. It has become an autonomous college from the academic year 2019-2020. All six departments are accredited by NBA, New Delhi and accredited by NAAC with A Grade. Today almost 4300 students, 285 teaching staff and 315 non-teaching staff strive to fulfill the vision of VVIT. The college has professionally qualified and experienced faculty with 48 doctorates. Siemens Centre of Excellence with 15 high technology laboratories including robotics laboratory has been set up to provide training to the students including neighboring colleges. VVIT has many student chapters like IUCEE (EWB), IE(I), IETE, IEEE. In the Private or self-financed Colleges category, VVIT has been ranked under Band-A (Rank between 6th - 25th) across the entire country by Atal Ranking of Institutions on Innovation Achievement, MHRD, Govt of India. VVIT stood first in Times of Indian Ranking -2020.

It is the youngest Engineering College in the state to achieve this recognition. MoUs with Google Inc. USA for establishing Google Code labs, Stanford University USA under University Innovative Fellowship (UIF) program and 3D Experience Lab established by Dassault Systems, France signify our commitment to update quality technical education. Realizing the slogan that "Everyone Counts," VVIT has the unique achievement of having placed most of its students in MNCs like Amazon, DBS bank, Tech Mahindra, Infosys, TCS, Wipro, Athena Health Care, Open Text, Genpact, Sutherlands, CSS Corp, Convergys, Apps Associates, etc. (about 95 companies) every year.

ICI4TCME-2020
Two day International
e-Conference

On
INDUSTRY 4.0
TECHNOLOGIES

IN
CIVIL & MECHANICAL
ENGINEERING

On
4th & 5th December 2020

Organized by

Department of
Civil Engineering
And
Department of Mechanical
Engineering



VASIREDDY VENKATADRI INSTITUTE OF
TECHNOLOGY

(Autonomous)

NAAC Accredited with A Grade,
All UG Programmes are Accredited by

NBA & Permanently Affiliated to

JNTUK

Namburu, Guntur, Andhra Pradesh, India

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All communications

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Call for papers

Papers are invited from Academicians, Researchers and Industry professionals.

Important dates

Full paper submission	29-Oct-2020
Notification of acceptance	10-Nov-2020
Camera ready submission	25-Nov-2020
Date of conference	4 th & 5 th Dec,2020

Registration fee

Category	Registration fee
Research scholar & Academicians	500
Delegate from Industry	1000

Conference registration fee must be remitted through **IMPS/NEFT/ UPI** to the bank account details given below.

Account name	Social Educational Trust
Account number	017100100044100
Bank	Dhanalaxmi Bank
Branch	Guntur
Branch Code	0171
IFSC Code	DLXB0000171

Registration link:

<https://vvitguntur.com/crtcmm>

Guidelines for Authors

- All submissions will be peer reviewed by experts in the related fields based on originality, significance, quality and clarity.
- All contributions must be original, should not have been published and should not be intended to be published elsewhere during the review period.
- At least one author must register and present his/her accepted manuscript online.
- E-certificate will be provided to all the participants.
- Authors should follow plagiarism policy of Scopus/Web of science Journal.
- All accepted manuscripts will be published in Scopus indexed journals/Web of Science Journal with additional fees.

About the conference

New Technologies are emerging every day that may radically transform the future of engineering. Vision of this conference is to promote excellence in scientific knowledge and innovations in the field of Civil and Mechanical engineering and related disciplines to motivate young researchers. It also provides a premier interdisciplinary platform for faculty members, students' 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 practical fields. We welcome technical papers presenting research and experimental results, position papers addressing the pros and cons of specific proposals, such as those being discussed in the standard or in industry consortia, survey papers addressing the key problems and solutions on any of the topics or research papers on work in progress

Conference themes

- **Civil Engineering**
- **Materials:** Advanced building materials and high-performance concretes, Green Buildings and Zero Energy buildings.
- **Structures:** Concrete structures subjected to extreme events, strengthening and repair, Composite structures.
- **Analysis & Design:** Building Information Modelling, Structural safety and reliability, Application of Optimization Techniques, Geo-synthetics and reinforced soil structures, Tunnelling and deep excavations, Pavement Geotechnics.
- **Advanced Technologies:** Big data analytics, Automation, Deep Learning and Machine learning, Smart concrete and Block chain Technology, IOT and Smart cities Drone Technology.
- **Mechanical Engineering**
- **Design:** Tribology, Composite & Functionally graded materials, Intelligent Robots, Rotor dynamics, Vibrations, Condition monitoring, NDT.
- **Thermal:** Renewable and non-renewable sources of energy, Computation Fluid Dynamics, Energy storage, Refrigeration and Air conditioning, Heat and mass transfer, Aerodynamics, IC engines, Compressible /incompressible flows, Bio-heat transfer, Phase change materials, Alternate Fuels.
- **Manufacturing:** CAD/CAM/CIM, Simulation of manufacturing processes, Non-conventional manufacturing processes, Additive manufacturing, Nano-materials.