



# 2022 INTERNATIONAL VIRTUAL CONFERENCE

## SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (AUTONOMOUS)



(Permanently Affiliated to JNTUK, Accredited by NBA & NAAC with 'A' Grade)  
(Winner in IMCRB National Quality Award 2017, Winner of APQO International Award)  
Vishnupur, Bhimavaram-534202, W.G District, Andhra Pradesh, India



### DEPARTMENT OF CIVIL ENGINEERING

In Association with **INDIAN CONCRETE INSTITUTE -Student Chapter**

Cordially Invites You All To The Prestigious

### 3<sup>rd</sup> INTERNATIONAL CONFERENCE ON SUSTAINABLE CONSTRUCTION TECHNOLOGIES & ADVANCEMENTS IN CIVIL ENGINEERING

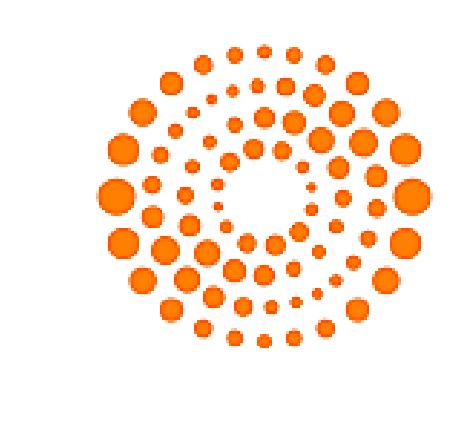
**ScTACE**  
**2022**

**(13<sup>th</sup> OCTOBER - 15<sup>th</sup> OCTOBER 2022)**

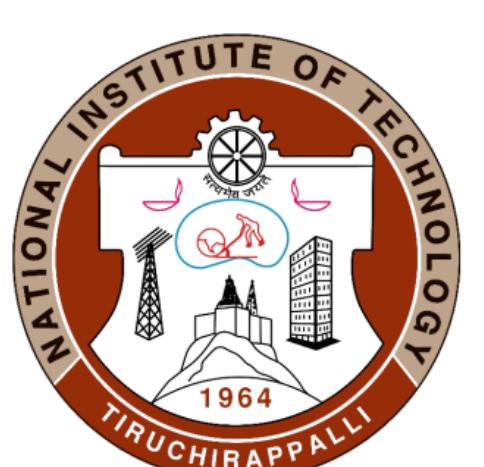
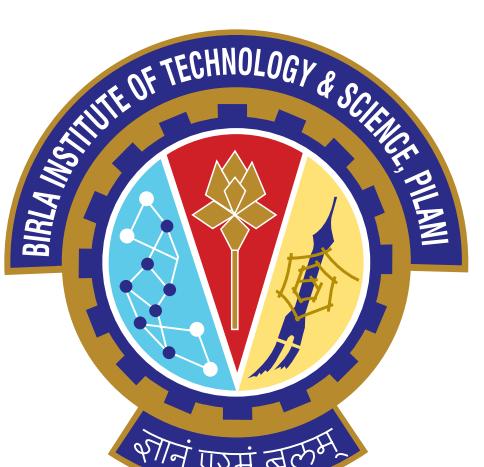
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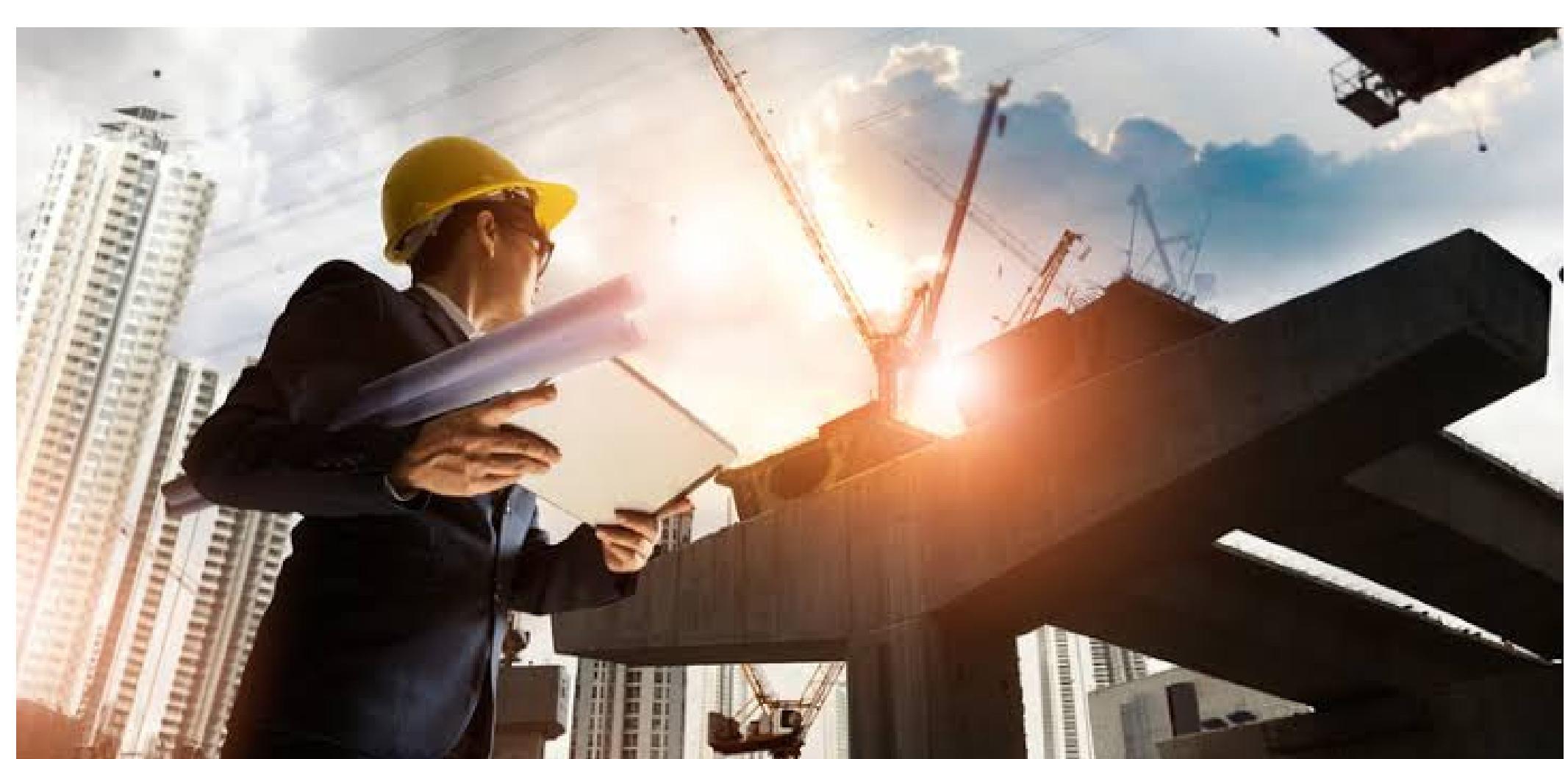


#### With Speakers From



## ABOUT THE COLLEGE

Shri Vishnu Engineering College for Women (SVECW) was established during the academic year 2001-2002 to empower women in professional courses. This institute has witnessed significant growth within 19 years and stands out as one of the best engineering colleges in AP. This institute is accredited by NAAC with an 'A' grade. This institution is under Autonomous status since the academic year 2014-2015 and it is the first women's college under JNTUK to get such an autonomous status. In recognition of its progressive strides, the World Bank has granted TEQIP Phase - II project to SVECW. Indian Merchant's Chamber (MC) recognized the services of SVECW with its Ramakrishna Bajaj National Quality Award in the education sector.



## ABOUT THE DEPARTMENT

The Department of Civil Engineering (CE), SVECW was established in the academic year 2009-2010 with an annual intake of 60. The Department is accredited by NBA under Tier II. The Department of Civil Engineering received the project from the Departmental science and Technology (DST), New Delhi worth Rs 60 lakhs for the construction of 3 nos sewage treatment plants in the SVEC Campus to treat the wastewater. The treated wastewater is utilized for various purposes and also serves Bhimavaram Town. The Department has good strength of specialized persons in Structural, Geotechnical, Water Resources, Transportation, and Geo-Informatics. The Department periodically organizes seminars, symposia, FDPs, workshops, and guest lectures for the benefit of both the students and the faculty. Also, the department has won ICI- UltraTech Concrete Day and Construction Excellence Award 2020 in the category of **OUTSTANDING STUDENT CHAPTER OF ANDHRA PRADESH FOR THE YEAR 2020**. Apart from the regular academics and activities, students are motivated and encouraged towards research works & conferences under the guidance of the HOD who has won the World Research Council International Best Researcher Award of the year 2020 in the area of Terramechanics and Nano Materials in Pavements. The Department has an excellent blend of young and zestful HOD, with well experienced and diligent faculty.

## MESSAGE FROM CONFERENCE CHAIR

With a lot of zest and zeal towards a new trend in the apportionment of Civil Engineering, I, Dr Pala Gireesh Kumar, declare my heartfelt wishes and extend my cordial invitation to one and all for the forthcoming International Conference on Sustainable Construction Technologies and Advancements in Civil Engineering, 2022. On the occasion of a new milestone, I would like to take a moment to charm the success of ScTACE 2020 & ScTACE 2021 by obliging my appreciation and gratefulness in making success come our way, and hereby, the third edition of ScTACE is excogitated to be held virtually on 13th - 15th of October, 2022. In the accord to appraise the society on the exigency of Sustainability relating to the value-added research in the terms of latest technologies, the Department of Civil Engineering of SVECW (A) has devised to organize conferences at the National, International and Global levels. As a part of the target, the primary milestone of ScTACE 2020 & ScTACE 2021 was achieved with great resplendence thereby invigorating us towards ScTACE 2022. Elevating the aspect of research as the peak core of any field, ScTACE tasks up the role of exposing new studies and innovative research works to the competitive world Outside. Besides the honourable commendation to the innovations and studies, ScTACE 2022 toils the feature of exchanging knowledge. Believing in the saying "**Knowledge is Power and Knowledge Shared is Power Multiplied**", ScTACE formulated a goal of organizing the knowledge sharing talks from professionals concerning their expertise. Aspiring to serve you all with a standard and supreme series of events, ScTACE is all set to anchor the magnificent conference of ScTACE 2022.



**DR PALA GIREESH KUMAR**

HOD-CE,SVECW (A)  
CONFERENCE CHAIR ScTACE - 2022

## WELCOME TO ScTACE 2022

Sustainable Construction Technologies and Advancements in Civil Engineering, ScTACE 2020 & ScTACE 2021 extends its journey by appending more note-worthy and top-notched accessories. The third edition of ScTACE is reinvigorated in October 2022, The International Conference on Sustainable Construction Technologies & Advancements in Civil Engineering. ScTACE 2022 aims to provide collaborative opportunities for researchers, leading academic scientists, research scholars and industrial practitioners in which the latest research and practice in Sustainable Construction Technologies and Advancements in Civil Engineering viz., emphasis on Structures, Transportation, Geotechnical Environmental, Remote Sensing and so on are shared, discussed and promoted. ScTACE 2022 will encourage interdisciplinary and welcome contributions that span engineering and allow researchers and practitioners to exchange ideas on the latest developments in sustainable construction technologies and advances in civil engineering. Therefore, ScTACE 2022 cordially invites you all to be part of the International Conference and join hands in extending our togetherness towards a foreverness of professionalism in the world of sustainable civil engineering.



# CALL FOR PAPERS

The conference will be the ideal opportunity to foster networking, collaboration and joint efforts among the participants, and thereby advance the theory and practice as well as identify major trends and advancements in the following core areas, but not limited to,

## TRACK 1: Sustainable Construction Technologies

Structural Construction  
Pavement Construction applications

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## TRACK 2: Advancements in Civil Engineering

Structural Engineering  
Concrete Materials  
Transportation Engineering  
Pavement Materials and Engineering  
Geotechnical Engineering  
Environmental Engineering  
Remote sensing and Geoinformatics  
Geo-environmental Engineering  
Water resource Engineering  
Pavement Geotechnics  
Intelligent Transportation Systems  
Ground Water Hydrology  
Construction Engineering and Management  
Earthquake Engineering  
Earthquake Geotechnics  
Seismic Evaluation and Retrofitting of Structures  
Air Quality Modeling and Management  
Coastal, Ocean and River Engineering  
Structural Health Monitoring  
Water resource applications using Remote sensing and GIS  
Microwave remote sensing applications

# NOMINAL REGISTRATION

CATEGORY OF DELEGATES	EARLY BIRD(30/08/22)	REGULAR (18/09/22)	LATE(After 18/09/22)
International Student Delegates	15 USD	17 USD	19 USD
International Delegates from Research Organisations & Academic Institutions	22 USD	24 USD	26 USD
International Delegates from Industry	28 USD	30 USD	32 USD
International Listeners	7 USD	10 USD	14 USD
National Student Delegates	1000 INR	1200 INR	1350 INR
National Delegates from Research Organisations & Academic Institutions	1500 INR	1700 INR	1850 INR
National Delegates from Industry	2000 INR	2200 INR	2350 INR
National Listener	500 INR	700 INR	1000 INR

## KEY DATES

18th June 2022 - Due Date for Abstract Submission

20th June 2022 - Intimation of Accepted Abstract

25th July 2022 - Due Date for Full Paper Submission

28th August 2022 - Intimation of Paper Acceptance

15th September 2022 - Submission of Camera Ready Paper

## Registration

Register using the link provided below for more information

<https://docs.google.com/forms/d/e/1FAIpQLScuj6Ftb13nTYw2pvKTijoFZoedXAqUhDyl8nyN1AlCwT2d9Q/viewform?vc=0&c=0&w=1&flr=0>

## Submission

Paper Submission through PROCEDIA (conference managing system)

<http://submission.procedia.org/index.php?id=421320223003vKFRTHMazS>

## Website

For further details, refer to the website. (under construction)

<http://sctace.in/>

## Publication

- Lecture Notes In Civil Engineering - Springer (Scopus/Web of Science Indexed)
- AIP Proceedings - Elsevier (Scopus/Web of Science Indexed)
- Turkish Online Journal of Qualitative Inquiry (Scopus Indexed)
- Indian Concrete Journal (Scopus/Web of Science Indexed/ESCI)
- International Research Journal of Multidisciplinary Technovation (Google Scholar, Crossref, research gate).

## Registration Fee & APC Details

- Registration fee (refer to the table) and Article Processing Charges for other Journals & proceeding will be mailed to the authors upon choosing their interested category of Publication ( @ T & C Apply )

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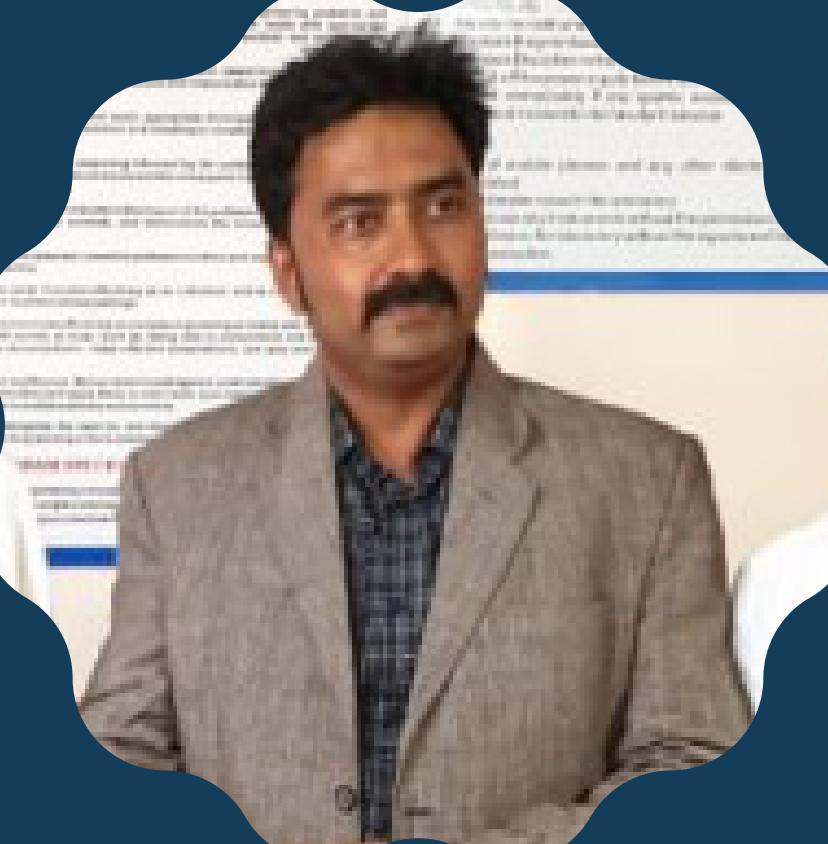
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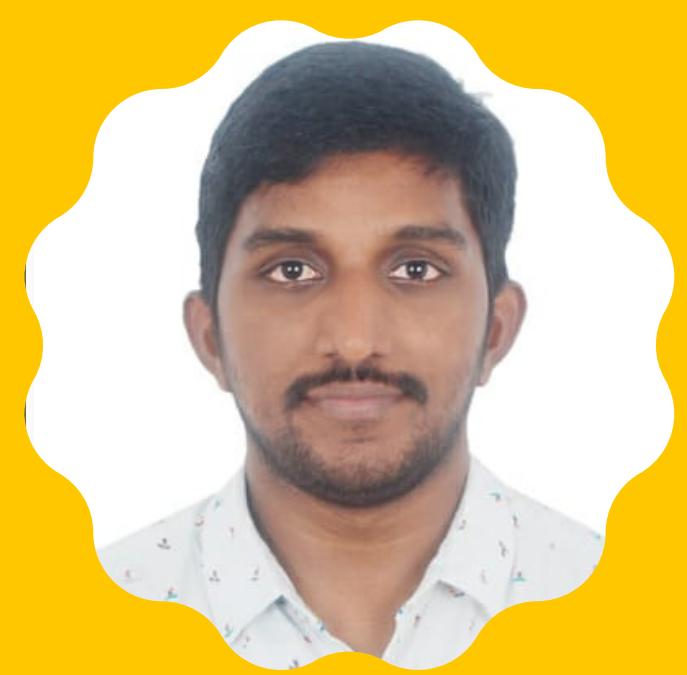
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