

# ICACE

20-22 DEC 2022

## International Conference on Advances in Civil Engineering 2022

Virtual Conference



ESTD - 1928

LSKBJ College of Engineering,  
Chandwad, Nashik, India



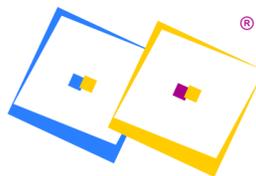
Chaitanya Bharathi Institute of  
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Sant Gajanan Maharaj College of  
Engineering, Mahagaon, India



Accra Technical University, Ghana



Technology Research and Innovation  
Centre, India



Academy of Nanotechnology and Waste  
Water Innovations, Johannesburg, SA

Conference Email: [info@icace.in](mailto:info@icace.in)

## About ICACE 2022

First International Conference on Advances in Civil Engineering 2022 (ICACE 2022) is hosted by Department of Civil Engineering, LSKBJ College of Engineering, Chandwad, Nashik, India (affiliated to Savitribai Phule Pune University, Pune) and organized by Technology Research and Innovation Centre, India in association with Chaitanya Bharathi Institute of Technology (A), Hyderabad, India | Civil Engineering Department, Sant Gajanan Maharaj College of Engineering, Mahagaon, Maharashtra, India (affiliated to Shivaji University, Kolhapur) and Civil Engineering Department, Accra Technical University, Ghana on 20-22 December 2022.

ICACE 2022 is providing a platform for various worldwide researchers, scientists and academicians working in the field of civil engineering. We aim to receive only original high quality research papers for this conference.

Accepted papers will be presented through **ONLINE mode**.

## Call for Papers

The ICACE 2022 invites original research and review papers in the field of civil engineering in following conference tracks (but are not limited to),

- ❖ Materials and Structural Mechanics
- ❖ Fluid Engineering
- ❖ Energy, Environment and Sustainable Development
- ❖ Smart Technologies in Civil Engineering
- ❖ Transportation and Geology
- ❖ Construction Engineering and Management
- ❖ Surveying and Planning
- ❖ Computational Analysis
- ❖ Optimizations in Civil Engineering
- ❖ Miscellaneous Topics in Civil Engineering

## Keynote Speakers



**Dr. Pijush Samui**

National Institute of Technology,  
Patna, India



**Dr. Mo Kim Hung**

University of Malaya, Kuala Lumpur,  
Malaysia



**Dr. Rita Yi Man Li**

Hong Kong Shue Yan University,  
North Point, Hong Kong



**Prof. Phoebe Koundouri**

Athens University of Economics and  
Business, Athens, Greece



**Dr. Selda Oterkus**

University of Strathclyde  
Glasgow, United Kingdom



**Dr. Ilenia Farina**

University Parthenope of Naples  
Naples, Italy

## Important Dates

- ❖ Abstract Submission : 20 Oct 2022 (Round 2)
- ❖ Early Bird Registration : 25 Sep 2022
- ❖ Mid Term Registration : 30 Oct 2022
- ❖ Regular Registration : 30 Nov 2022

Please visit conference website for updated dates

## Publications

Selected papers will be published in different journals and will be submitted for indexing in major indexing services such as Scopus, Web of Science, Google Scholar, etc.

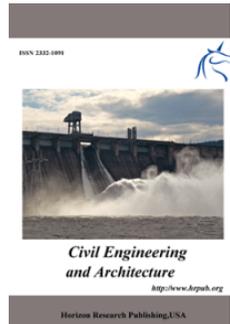


INTERNATIONAL JOURNAL OF ENERGY, ENVIRONMENT AND ECONOMICS



ISSN:0094-243X, 1551-7616

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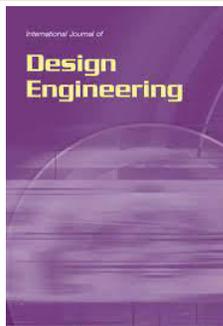


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ISSN: 1230-2945



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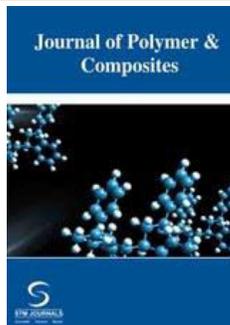


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## Registration

It is necessary that at least one author should register and present the paper in the conference. Each additional paper needs to register. Conference registration fee includes paper presentation through online mode, online entry to all sessions and keynote speeches, conference presentation certificate and publication in the conference proceedings. The transaction charges if any, will be borne by the author. The registration dates mentioned are applicable for conference registration and authors need to complete the registration after the acceptance of abstract. The conference fee once paid is non-refundable.

| Category     | Registration Fee (INR / USD) |                         |                        |
|--------------|------------------------------|-------------------------|------------------------|
|              | Early Bird<br>20 Sep 2022    | Mid Term<br>20 Oct 2022 | Regular<br>20 Nov 2022 |
| Students     | 1000 / 15                    | 1500 / 20               | 2000 / 30              |
| Academicians | 1250 / 20                    | 1750 / 25               | 2500 / 40              |
| Industry     | 2500 / 40                    | 3500 / 50               | 5000 / 80              |
| Attendee     | 1000 / 15                    | 1500 / 20               | 2000 / 30              |

No additional publication cost for,

- ❖ International Journal of Energy, Environment, and Economics (**Scopus**)
- ❖ International Journal of Design Engineering (**UGC**)
- ❖ Conference Proceedings by Organizer (with DOI, ISBN, will be submitted to the major indexing services)
- ❖ International Journal of Sustainable Real Estate and Construction Economics.

The additional publication cost of **INR 8850 / USD 125** will be applicable to **AIP Conference Proceedings (Scopus)**.

Interested authors may contact us for details about publication fee for other journals.

Decision about paper acceptance for the final publication will be entirely taken by the Chief Editor. Conference organizers and or journal editors reserve the right to remove the paper at any stage from the publication process because of non-ensuring the paper quality and or ethical guidelines by the authors.

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### LSKBJ College of Engineering, Chandwad, Nashik, India



The LSKBJ College of Engineering, Chandwad, Nashik from Jain Gurukul campus is approved by AICTE, New Delhi and Government of Maharashtra and affiliated to the Savitribai Phule Pune University, established in 2004 with four branches viz. Mechanical Engineering, Computer Engineering, Electronics & Telecommunications Engineering and Civil Engineering with assimilation of MBA in the year 2010. In year 2020 keeping pace with time, the Institute started new branch Artificial Intelligence and Data Science to cater the needs of IT industry.

The college has a fascinating infrastructure, well-furnished and well-equipped laboratories. A technologically full-fledged auditorium, spacious classrooms, well developed central library. Faculty members adhering to the mission of Institute of Nation development by transfer of suitable technological help to rural area, the research activities are directed towards it.

### Chaitanya Bharathi Institute of Technology (A), Hyderabad, India



Chaitanya Bharathi Institute of Technology, established in the Year 1979, esteemed as the premier engineering institute in the states of Telangana and Andhra Pradesh. The Institute, committed to education and innovation and over the 42 years, has emerged as a dream destination for students with a rewarding career and corporates to source well-rounded engineers. Best academic practices with quality education enabled the Institute to establish its Identity in the Technical Education and is Ranked No. 1 amongst the Private Engineering Colleges in both the Telugu Speaking States. The great learning experiences in the institute have enriched the lives of students and helped them to develop into a multi-skilled and multi-tasking personalities that ensured success in their careers and occupations. With the students being the singular objective, the institute has established excellent infrastructure such as state-of-the-art laboratories, spacious library with printed and digital collection of books and journals, sports, hostel, and other infrastructure for extra and co-curricular engagements with a total built-up area of about 57,714 m<sup>2</sup> in the serene ambience of 50 acres to inspire, encourage and pursue academics. In its relentless strive for Academic excellence, CBIT has scaled great heights both nationally and internationally in industry and global universities.

### Sant Gajanan Maharaj College of Engineering, Mahagaon, Maharashtra, India



Sant Gajanan Maharaj College of Engineering, Mahagaon is established in the year 2012 under the umbrella of SGMRH & RC Mahagaon. It has 50 acres of serene environment. Better exposure to students with the latest developments and technology has resulted in strengthening of industry institute alliance seen by our students recruitment in leading industries. SGM COE is providing high quality education to the students to build their capacity and enhancing their skills to make them globally competitive mechanical engineers. The department is conducting a Finishing School Program under which the real world problems of industry and the Society are analyzed and solved.

### Accra Technical University, Ghana



The Accra Technical University is a government institution, first established in 1949 as a Technical School and commissioned in 1957 as Accra Technical Institute. In 1963, the Institute was renamed Accra Polytechnic, and recently in 2016, the Institution was upgraded to a Technical University By the provisions of the Technical University Act 2016 (Act 922) as amended, the University is mandated to provide higher education in engineering, science and technology-based disciplines, applied arts and related disciplines. The ATU academic philosophy is that we believe in education and training that develop the competencies and skills of our students to make them relevant to industry and competitive in the job market. Our vision is to be recognized as the top Technical University in Ghana, with strong regional influence. Our vision is to advance technical knowledge by creating a conducive environment for applied research, quality teaching and competency-based training, with a high impact on industry and business creation.

### Technology Research and Innovation Centre, India

Technology Research and Innovation Centre is established to be a premier NON PROFIT organization and to provide appropriate sustainable solutions to root level topics in domestic, agricultural and energy sector. TRIC is trying to bring various institutes, organizations and industries together in order to walk ahead to meet the goals of sustainable developments.

### Abstract Preparation and Submission

Please prepare your abstract on A4 size paper as per the [template](#) provided. The abstract should consist of strictly 150 to 250 words and may include the Background or Introduction, Objectives, Methods, Results, Conclusion in the brief (may be 2-4 sentences about each) and 3 to 5 Keywords. All abstracts and papers will be accepted through EasyChair only.

Click [here](#) to submit the abstract/paper.

### Ethics for authors

When submitting a new abstract / draft paper, it is expected to follow the guidelines as listed below,

- ❖ An abstract / paper describing essentially the same research has not been submitted to several journals to avoid multiple or redundant publication. The paper is original; all the work and wording which was taken from others is appropriately cited
- ❖ People identified as co-authors fully qualify for authorship. All the co-authors give their consent to submit the final version of the manuscript
- ❖ The paper should be written in correct English.
- ❖ All the parties contributing to a paper are mentioned in the acknowledgments.
- ❖ Sufficient detail and references are provided to permit others to replicate the experiments; raw data is available for checking if needed
- ❖ Conflict of interest, if any, should be disclosed

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- ❖ Using any other author's previously published content without permission, recognition, or acknowledgment is considered as plagiarism. The ICACE 2022 do not allow any such plagiarized content. The authors need to ensure that they have written completely original works and wherever required, citations are placed appropriately.
- ❖ Papers must have similarity less than 10 % excluding references (and less than 20 % including references). Self-Plagiarism is not acceptable.

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