

International Conference on Science, Engineering & Technological Innovations

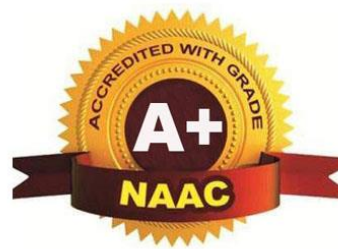
(ICSETI-2023)

Organized by

KJEI's TRINITY ACADEMY OF ENGINEERING, PUNE

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(Approved by AICTE, New Delhi, Govt. of Maharashtra & affiliated to Savitribai Phule Pune University)



30th September 2023

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**International Conference on
Science, Engineering &
Technological Innovations
(ICSETI-2023)**

30th September 2023

Editors

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Publish By:

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Preface

Conference World and AR Research Publication is fast growing group of academicians in Engineering, Sciences and Management. AR Research Publication is also known for fast reply and zero error work. Conference world has organized various conferences at renowned places namely Delhi University; New Delhi, Jawaharlal Nehru University; New Delhi, PHD Chamber of Commerce and Industry New Delhi, YMCA New Delhi, India International Centre New Delhi Sri Venkateswara college of Engineering and Technology, Andhra Pradesh, Dhananjay Mahadik Group of Institutions (BIMAT), Shivaji University, Maharashtra, Vedant Engineering Kota and many more places across the country.

We are very pleased to introduce the proceedings of the International Conference on Science, Engineering & Technological Innovations (ICSETI-2023). As for previous conferences, the theme was the link between the information provided by conference world and the use made of this information in assessing structural integrity. These were the issues addressed by the papers presented at the conference. The level of interest in the subject matter of the conference was maintained from previous events and over 52 suitable papers were submitted for presentation at the conference.

Papers were well represented in the conference to arouse a high level of international interest. Three countries were represented in the final program from Europe, North America and Asia. In the event, the conference was highly successful. The presented papers maintained the high promise suggested by the written abstracts and the program was chaired in a professional and efficient way by the session chairmen who were selected for their international standing in the subject. The number of delegates was also highly gratifying, showing the high level of international interest in the subject. This is also indicated by the large number of countries, 04 represented by the delegates. This Proceeding provides the permanent record of what was presented. They indicate the state of development at the time of writing of all aspects of this important topic and will be invaluable to all workers in the field for that reason. Finally, it is appropriate that we record our thanks to our fellow members of the Technical Organizing Committee for encouraging participation from those areas. We are also indebted to those who served as chairmen, without their support, the conference could not have been the success that it was. We also acknowledge the authors themselves, without whose expert input there would have been no conference. Their efforts made a great contribution to its success.

About the College

KJ's Educational Institutes is established in the year 2005 with excellent infrastructure spread over 110 acres of green campus with spacious buildings having backdrop of Sahyadri hills.

KJEI's Trinity Academy of Engineering is established in 2010 located on 112 acres and 22,000 sqm constructed state of the art, world-class infrastructure. Campus is well equipped with best laboratories, workshops, libraries, hostel, canteen, sports facilities, transportation facility and other amenities to create conducive environment for students in attaining highest standards in academics, research and professional skills.

Challenges and Opportunities are two sides of the same coin. We take every care of all-round personality development of individual student along with academic excellence.

Aim & Objective of the Conference- ICSETI-2023

International Conference on Science, Engineering & Technological Innovations (ICSETI-2023) aims to bring together leading academician, scientists, students and research scholars from around the world to exchange and share their experiences and research findings on all aspects of Engineering, Science & Management. It also serves as a prominent multidisciplinary forum for academics, practitioners, and educators to present and debate the most current breakthroughs, trends, and concerns, as well as practical difficulties and solutions in the domains of Engineering, Science & Management.

The conference is also a space for creating collaborative links between academics and professional practitioners and their workplaces, aiming at long-term sharing of knowledge and discussions of highly current issues.

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Message by Principal

As the principal of Trinity Academy of Engineering, I am proud to see our faculty, researchers, and students contributing to the advancement of their respective fields through their research and scholarship. It is through such collaborative efforts that we can address the pressing issues facing our society and bring about positive change.

I would like to take this opportunity to express my appreciation to all the participants who have participated in this conference. Your participation to this conference shows your commitment to academic excellence and your passion for learning.

Once again, I would like to thank everyone involved in organizing this conference and wish you all a fruitful and productive experience.

Thank you.

Dr. Nilesh J. Uke

Principal

Trinity Academy of Engineering, Pune

Convener Message

It is my privilege and honor to welcome you all to the International Conference on Science, Engineering & Technological Innovations (ICSETI-2023) Organized by KJEI's TRINITY ACADEMY OF ENGINEERING, PUNE in association with Conference world on 30th Sep. 2023 .

The main goal of organizing this conference is to share and enhance the knowledge of each and every individual in this fast-moving Information Era. We have given a good opportunity for those who have a thirst in knowing the present technological developments and also share their ideas. Additionally, this conference will also facilitate the participants to expose and share various novel ideas. The conference aims to bridge the researchers working in academia and other professionals through research presentations and keynote addresses in current technological trends.

I want to thank in advance the conference committee for extending their valuable time in organizing the program and all the authors, reviewers, and other contributors for their sparkling efforts and their belief in the excellence I congratulate enthusiasts to participate with full vigor in this celebrated event which can give immense exposure and global opportunities to all.

Thank you

Dr. Mukund B. Wagh

HoD, Department of Computer Engineering, TAE

All papers will undergo a double-blind peer review process and the criteria for acceptance will be based on quality, originality, technical content and relevance.

Proceeding of the conference has been published with **ISBN: 978-93-91535-40-7**

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Total 71 papers were received for the conference and 52 papers were shortlisted by the committee.

1. Accepted papers will be published in the peer reviewed international journals having ISSN & High Impact factor.
2. Selected Papers will be published in the UGC Care listed international journals having ISSN & High Impact factor.
3. Few very good quality Papers will be published in the Scopus indexed journal having ISSN & High Impact factor.
4. Author will get certificates, one for paper publication in Journal other for paper presentation in conference as per their choice
5. All the papers of the conference will be published in the conference proceeding with ISBN.
6. All the accepted and presented/ Non-Presented papers will be indexed in Google scholar & IDIIF.

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