

# VEDIC GURUKUL INSTITUTE OF ENGINEERING AND TECHNOLOGY (VGIET)

(Affiliated to RTU & Approved By A.I.C.T.E.)

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## International Conference on Multidisciplinary Research in Engineering, Science, Management, Humanities and Education [ESMHE-2022]

7<sup>th</sup> - 8<sup>th</sup> May 2022

In Association With:



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**International Conference on Multidisciplinary  
Research in Engineering, Science, Management,  
Humanities and Education  
[ESMHE-2022]**

**7<sup>th</sup> - 8<sup>th</sup> May 2022**

**Editors**

Dr. Anil Rajput

Dr. Ashish Dutt Sharma

Dr. Atul Kumar Sharma

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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 a 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 International Conference on Multidisciplinary Research in Engineering, Science, Management, Humanities and Education [ESMHE-2022] 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 47 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, 02 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 VGIET**

Vedic Gurukul Institute of Engineering & Technology was founded by technocrats with the aim to contribute towards human development through academic pursuits and be a trend setter in the field of technical education. Gurukul Institute of Engineering & Technology is known for its commitment with career orientation. It provides an environment where best of the professionals and students are able to accomplish their pursuits through quality teaching, training, publication, research and consultancy. Considerable input is always given from the management to create a unique program and nurture the technocrats and corporate leader of tomorrow. The mentors are highly qualified, motivated and rich in experience. Their involvement in overall professional advancement of students is comprehensive and total.

### **About Conference**

Research and Innovation is integral part of Science, Technology and Management. In order to remain on the incisive edge, one must be continually observant, when it comes to following up with the latest trends, distinguishing the most constraining challenges, or conducting their own research.

Research and development (R&D) can foster sustainable development by building greener, more inclusive societies. To be effective, however, infrastructure development, technology transfer and both public and private R&D need to be nurtured and regulated via effective policies.

This conference aims to bring together a range of professionals, researchers, academicians, industrialists, research scholars and students at common platform to interact with experts, innovation in field of Science, Humanities, Information Technology and Management.

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**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.**

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Total 89 papers were received for the conference and 46 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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