

VIRTUAL INTERNATIONAL CONFERENCE ON MULTI-DISCIPLINARY RESEARCH AND STUDIES – 2022

Jointly organised by

Quantum University

MANDAWAR, ROORKEE, UTTARAKHAND

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18th - 19th September 2022

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Editors

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Prof. (Dr.) B. K. Sarkar

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Preface

IARDO and AR Research Publication is fast growing group of academicians in Engineering, Social 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 Multidisciplinary Conference on Research, Technology & Engineering [ImCReTE-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 115 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 Quantum University:

Quantum University unfolds a whole new age of learning! It takes into account your aspirations and your passions. It offers a unique inter-disciplinary environment where one could study computer science with economics, agriculture with entrepreneurship, or MBA with cyber security. Hundreds of such combinations are waiting to be explored. At the same time one is given the opportunity to follow his or her Passion in Theatre, Sports, Music, Dance, Photography and much more.

About GEH Research:

- Innovative Idea Convert into a Patent.
- Patent idea Convert into a Prototype.
- Granted Patent Real Time Products Develop (to Sell in Markets).
- Fund Support to develop the idea into a Products (Prototype).
- Awards Provides if Research is outstanding (International Awards on Multi-Disciplinary Research and Innovation) Under the Guidance of Govt. and NAAC, NBA, AIRF- Ranking, NHRD, Etc.
- How to write the Research Paper (Support/Training) (Scopus, Scopus- Indexing, SCI, SCI- Indexing, IEEE- Transactions, etc.)
- How To Apply the Funded Project (DST, AICTE, NHRD, State Technical University, IEI, TSIRI- Incentives, Govt. of Japan, USA, Germany, Poland, Singapore, India. Etc.)
- How to Create the Content and Published the Books- Chapter/ Books International and National with ISBN- No.
- Consultant Work Provided to Academy Institute, University, Engineering Institute Teachers, Professors, Researchers and Students. Note: [(1-Patent Filed to Grant, 2-Funded Project- DST, AICTE, NHRD,3-Scopus/ Indexing-Research Paper, 4-Startup Registration, 5-Books/Books Chapter , 6-Awards, 7-Consultant Work, 8-YouTube , 9-Earn Royalty , 10-Sell The Patent) Support Provided. Mo no: 8059794469]
- Expertise: Patent, Research and Innovation. • Funding Source: Govt. of USA, Japan, Germany, Singapore, India, Poland, Canada, Society, Software Company, Production Company, Research and Innovation Unit, Etc.

ABOUT IARDO:

International Association of Research and Developed Organization (IARDO) is a leading organization in the field of academic research activities under the banner of India Educational Charitable Trust (Regd).

International Association of Research and Developed Organization (IARDO) is an apex body that promotes and encourages commendable achievements from all over the country. The organization under conference world regularly organizes national and International level conferences with the help of its members to promote socially responsible education practices and sustainable development in economic as well social front in India.

In past, we have organized international conferences in different universities and colleges of the country like JNU New Delhi, University of Delhi, Punjab University, Pune University and many other renowned organizations in India.

Aim & Objective of the Conference

The conference is aimed to bring together innovative academics and industrial experts in the field of Engineering , Social Science and Humanities to a common forum. The conference aspires to exhibit the technical excellence of budding technocrats, research scholars, representatives from the academia and industry.

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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Prof. (Dr.) Vivek Kumar

Hon. Vice Chancellor Quantum University
Mandawar, Roorkee, Uttarakhand

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Dr. Kathryn Hummel

Associate Professor at School of Law, Ajeenka DY Patil University, Pune

Guest of Honor & Speaker

Prof. (Dr.) B. K. Sarkar

(Patent Guru) Geh Research India, USA,
Japan, Germany, Australia, Singapore

Dr. Neeraj Milind Shahane

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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 51 papers were received for the conference and 27 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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