

# ICRTEM

## 2<sup>nd</sup> International Conference on Research Trends in Engineering and Management

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WEB OF SCIENCE

# ICRTEM 2022

## Virtual Conference

25<sup>th</sup> - 26<sup>th</sup>  
August 2022

Organized By



R R Institute of Technology,  
Bangalore, India

in Association with



Institute For Engineering Research and  
Publication (IFERP)

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## About College

R R Institute of Technology established in the year 2008 under PKM Educational Trust is recognized by AICTE, New Delhi, approved by Govt. of Karnataka and is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. The institute is located in a lush green 27 acres' campus and is at a distance of 16 km from Bangalore City Railway Station. The Institute offers 6 UG courses leading to B.E. in CE, ME, EEE, ECE, CSE, ISE and also Research programs leading to M.Sc. Engg. (By Research) and Ph. D program of VTU, Belagavi. RRIT got accredited by National Assessment and Accreditation Council in the year 2018. With a vision to be a respected and sought-after education institution, RRIT is very much engaged in equipping individuals to be capable of building learning organizations in the new millennium. The institute maintains a synergistic relationship with the industry through MOUs, where the RRitians are given opportunity to work on live projects. A walkthrough Industry approaches and business strategies give students a feel of the real world, preparing them to be contributors to the industry from day one.

## About IFERP

IFERP is a forum and non-profitable organization where innovations & research interest could be supported and developed prioritizing our mutual interest. Our forums & Associates constitutes of Professional leaders, Universities, Organizations & Associations connecting each other with a mission to work as wizards of science for defending the earth.

IFERP strengthens the professionals collective voice through strong leadership, promotion of the highest standards and recognition of technical excellence. IFERP supports the professional growth of its members by providing opportunities for professional networking, life-long learning, and career development. IFERP will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions

IFERP connect engineers, exchange global innovation and act as a bridge between Researchers & Academicians by organizing,

- International Conferences
- World Conferences
- Faculty Development Programmes
- International Workshops
- Seminars/Guest Lectures
- Short Term Training Programmes
- Providing Membership
- Establishing Chapters



## About Conference:

The aim of this conference is to provide an interdisciplinary platform for leading researchers, young engineers, academicians, industrialists and practitioners working in India and rest of the world to disseminate their innovations and contemporary research in the field of Electronics, Electronics and Communication, Mechanical, Mechatronics, Information Technology, Computer Engineering and related fields. The conference will feature traditional paper presentations and key note speeches by eminent speakers who will focus on state-of-the-art development in the field of Automation, Robotics and Information and Communication technology. The scope of EQUINOX-2022 is to provide a common platform where researchers, engineers, academicians and practitioners' confluence and cherish their research and innovations and deliberate upon futuristic research along with major bottlenecks.

## OBJECTIVE OF THE CONFERENCE:

The objective of ICRTEM-2022 is to present the latest research and results of scientists (preferred students, post graduate Students, Research Scholars and post-doc scientists) related to Electronics & Communication Engineering, Electrical Engineering, Computer Science & Engineering, Information Science & Engineering, Biotechnology, Mechanical Engineering, Civil Engineering, Basic Science Engineering and Master of Business Administration (MBA). The conference will feature traditional paper presentations as well as keynote speeches by prominent speakers who will focus on related state-of-the-art technologies in the areas of the conference.

## THEME OF CONFERENCE:

Conference revolves around bringing engineering, technology and science research areas synchronically on an indivisible platform. This conference will draw collectively research fellowships from diverse fields in unitedness, to share their research findings and latest ideas. The main intention of this conference is to integrate interdisciplinary inquiry to deliver the best applications



## Keynote Speakers



**Dr. Abhay Kumar**  
Vice Chancellor  
Pratap University  
Jaipur



**Dr. P.K. Jain**  
Director, IN-SPACE,  
Ahmedabad

## Organizing Committee:

### CHIEF PATRON



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### Convener



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## Call for Papers

### Electronics and Communication Engineering & Electrical and Electronics Engineering

- ❖ Renewable Energy and Sustainability
- ❖ Engineering Innovations
- ❖ Power systems
- ❖ Circuits and Systems for Artificial Intelligence
- ❖ Internet of Things
- ❖ Computational Intelligence
- ❖ Communication Networking
- ❖ Electrical Drives and controls
- ❖ Energy Sources and optimal control
- ❖ Image Processing and Analysis
- ❖ Optical Communication
- ❖ Integrated Circuit simulation
- ❖ Signal Processing
- ❖ VLSI & Nano Electronics
- ❖ Machine Learning
- ❖ Electrical Vehicles
- ❖ Power Simulators
- ❖ Embedded system design
- ❖ Artificial neural network and fuzzy logic

### CSE & ISE:

- ❖ Artificial Intelligence & Machine Learning
- ❖ IOT
- ❖ Big data analytics
- ❖ Computer vision
- ❖ Software engineering and architecture
- ❖ Cloud computing
- ❖ Software engineering and architecture
- ❖ High performance computing
- ❖ Natural language processing
- ❖ Civil Engineering
- ❖ Solid waste management
- ❖ Water resource management
- ❖ Alternative construction materials and technologies
- ❖ Green buildings
- ❖ Environmental impact assessment
- ❖ Sustainable developments for smart cities

## Mechanical Engineering

- ❖ Advanced measurement system
- ❖ Advances in manufacturing technology
- ❖ Material science
- ❖ Mechanical reliability theory and engineering
- ❖ Micro and nano composite materials
- ❖ NEMS/MEMS technology

## Management Studies

- ❖ Entrepreneurship growth and Development
- ❖ SMEs
- ❖ Start up and Innovation
- ❖ Sustainability Development
- ❖ Advertising Management
- ❖ Arts Management
- ❖ Change Management
- ❖ Communications Management
- ❖ Environment Management
- ❖ Event/Conference/Convention Management
- ❖ Global Financial Crisis
- ❖ Government Bailouts
- ❖ Government-Sponsored Enterprises
- ❖ Hedge Funds
- ❖ Home Equity
- ❖ Income Tax
- ❖ International Finance
- ❖ Investment Banking
- ❖ Financial Engineering
- ❖ Big Data Analysis
- ❖ Block chain Security Models
- ❖ Information Security & Trusted Computing
- ❖ Internet Economy
- ❖ Smart Logistics
- ❖ Internet-Of-Things

- ❖ Marketing Management
- ❖ Brand Equity
- ❖ Branding
- ❖ Employability skills Enhancement
- ❖ Total Quality Management
- ❖ Strategic HR Management and Planning
- ❖ Cost Control through quality tools
- ❖ Human Resource Planning and Retention
- ❖ Make In India



## Publications in Journals

The Engineering Technology Open Access Journal could also be a colossal online journal publication that deals with all varieties of Engineering Technology.

The IFERP journals embrace transmission, subject area, Management in Engineering, design, manufacture, performance validation, and application of high exactness machines, instruments, and parts.

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## Publication in Conference Proceedings

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## Proceedings:

All the accepted papers of the "2nd International Conference on Research Trends in Engineering and Management, ICRTEM'22" will be published by IFERP in a proceeding book with ISBN Number.

Note: For more details regarding the publication feel free to contact us in Call/WhatsApp @+91 8122268465 or drop an email to [info@icrtem.net](mailto:info@icrtem.net)

## Abstract Submission Process followed by the Author's

A one-page abstract should be prepared in the following format :

- 1 Use word document while submitting the abstract
2. Use 12-point Times New Roman for the main text and smaller fonts may be used for figure captions.
3. The width of each line should not exceed 17.5 cm or 7.0 inch.
4. Start the first line leaving a space of 2.5 cm or 1.0 inch on the upper side.
5. The Title, Author's Names, and Affiliations should all be centred.
6. Insert one blank line between the Affiliations and the main text.
7. Main text should be fully justified with single spacing.
8. Use bold face with bigger fonts for the Title but not for Authors, Affiliations, and the main text.
9. Please underline the presenting Author.
10. Leave a space of at least 2.5 cm or 1.0 inch on the bottom of the text. Page numbers will be printed there.

## Full paper Submission Guidelines:

- 1 Background, Motivation and Objective
2. Statement of Contribution/Methods
3. The width of each line should not exceed 17.5 cm or 7.0 inch.
4. Results, Discussions and Conclusions
5. Total number of pages must be 6-8 in double column format
6. In addition, the total number of characters excluding spaces, Title, Author Names, and Affiliations

## Reviewing Process Followed By IFERP:

- Every manuscript that is submitted to us will be subject to an out-and-out, double peer-review process to determine if it meets our stringent quality standards and our self-imposed benchmarks for world-class research work.
- The author who is submitting a manuscript is required to take up the responsibility of ensuring that all other co-authors of the manuscript have agreed to its publication.
- This author will also take responsibility on behalf of all co-authors during the entire submission and double-peer review process period.
- In no way shall the publisher be held liable for any claims for compensation that may be raised by any party during this period.

## Registration Guidelines:

- For students registering late an extra amount of Rs.500/- will be charged.
- Registered members are asked to intimate about the registration immediately. After completion of registration fee process, participants are required to send the scan copy of the registration fee receipt or transaction proof to us on or before the last date of registration.
- Any modification in the paper will be not accepted after the final submission date.
- After completion of registration fee process, participants are required to send the scanned copy of full paper.
- Terms & condition applied for journals.

## Registration Fee Structure:

### Conference Registration:

At least one author for every accepted paper is required to be registered for the conference for that paper to appear in the proceedings and be scheduled for presentation. Participating members may register as per the following charges:

Authors/Registration	IFERP Premium Members (INR)	NON-IFERP Members (INR)	ABROAD AUTHORS (USD)
VIRTUAL PRESENTATION	1500	2000	USD 99
LISTENER	1000	1500	USD 49

\*\*Additional Charges Applicable for Scopus publication (T& C Apply)

## Bank Details

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<b>Account Number</b>	3311747350
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<b>MICR-No</b>	600485006
<b>Swift Code</b>	KKBKINBB
<b>Branch</b>	Kodambakkam, Chennai
<b>Country</b>	India

## Important Dates :

Abstract Submission Deadline :  
11<sup>th</sup> August 2022

Full paper Submission :  
13<sup>th</sup> August 2022

Registration Deadline :  
17<sup>th</sup> August 2022

## Our Associates

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