

Past Conference Report

2nd International Conference on

**Research Trends in Engineering and
Management**

(ICRTEM-22)

Organized by

RR Institute of Technology, Bangalore & IFERP

25th – 26th August 2022

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1. Event Summary

Conference Name : 2nd International Conference on Research Trends In Engineering and Management (ICRTEM-22)

Date : 25th – 26th August 2022

Conference Theme : Bringing Engineering, Technology And Science Research Areas Synchronically On An Indivisible Platform

Auspice Organization's : RR Institute of Technology, Bangalore

Mode/Place : Virtual Conference

No of Delegates : 220 Delegates for the conference

1.1 OVERVIEW

2nd International Conference on Research Trends in Engineering & Management (ICRTEM-22) held on 25th and 26th August 2022. Which is Organized by RR Institute of Technology, Bangalore in Association with the Institute for Engineering Research and Publication(IFERP).

New challenge and opportunity that emerge out of new applications and innovations every day. New computing platforms are required to support emerging technology research. This conference aims to facilitate the state-of –the-art, research and innovation in various fields of Engineering and Management. It provides a platform for scholars , researchers from industry and academia to demonstrate their findings and studies. The conference brings together the members of research communities to enrich their knowledge in various emerging areas of research. The 2 days event is multidisciplinary.

Call For Paper

- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Computer Science Engineering
- Civil Engineering
- Mechanical Engineering
- Management Studies

1.2 Conference Theme

The theme of this 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 application

2. ABOUT THE CONFERENCE

The context of the conference is to foster as well as exaggerate the research culture among academia and industry facilitated by sprinkled out ideas by exchange of the intellect during conduct of the conference. Furthermore, the intent of the activity is to let the folks acquaint with transcendental growth, recent trends, innovations and security issues involved in the domain of communication technologies, sustainable smart electrical systems, high performance computing, big data, social media, hardware & software design, advanced software engineering, Internet of Things (IoT), e-governance etc. and their impact on societal applications through various brainstorming sessions. The conference will facilitate the young researchers, industries and research agencies especially, those, who are carrying out their research work in the aforesaid domain of Computer Science, Information Technology, Electrical, Electronics and Communication Engineering with valuable discussions in order to make the outcomes more realistic

3.CONFERENCE SCOPE

ICRTEM 2022 topics include, but are not limited to, the following research and development areas/fields .

- Automation/Control systems/Robotics
- Data Mining and Data Engineering
- Architecture Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Computer Science Engineering
- Civil Engineering
- Mechanical Engineering
- Management Studies

As a result, many Keynote, Tutorial and Technical Sessions have been prepared in accordance with conference scope to discuss the Challenges, Opportunities and Problems of Application in various fields.

4.INAUGURAL PROGRAMME

The day 1 of the conference started with welcoming all the participants, dignitaries and special guest for the conference followed by the proceedings book release and introduction of session chair for the technical sessions.

4.1 Welcoming and Opening Ceremony

Welcoming Chief Guests, RRIT Principal and Keynote Speakers of the ICRTEM 2022

Keynote Speakers



Dr. Abhay Kumar
Vice Chancellor
Pratap University, Jaipur.



Dr. Sailesh Iyer
Professor and Dean ,
CSE/IT Department
Rai School of Engineering
President RU IIC and RU Nodal officer -GSIRF
Ahmedabad , India

Followed by the welcoming our RRIT Principal and Dignitaries on Board of the International Conference on Research Trends in Engineering & Management. ICRTEM 2022 Consist of 4 sessions with 3 tracks each. Which segregated departmental viz for two days

DIGNATRIES



Dr Mahendra K V
Principal, RRIT



Mrs. S. Swetha,
Manager,IFERP,
Technoarete Research and Development
Association, India..



Dr.Sunitha HD,
Prof & HOD,
Dept of ECE, RRIT.

Session chairs

1. **Dr. Shivshankar, Professor, Dept Of ECE, RRIT**
2. **Dr.Anita R, Associate Professor, Dept of ECE, East Point College of Engineering & Technology**
3. **Dr.Anitha N, Professor, Department of CSE, BNMIT**
4. **Dr.Manjunath R, Professor & Head, CSE, RRIT(VTU)**
5. **Dr.Madhu Palati, Assistant professor, Dept Of EEE, BNMIT**
6. **Dr.Kumar R Rao, Professor, Civil Engineering, RRIT**
7. **Dr.R.Uma, Professor, Department Of CSE, Sri Sairam Engineering College**
8. **Dr.A.Meenakshi, Assistant Professor, CSA, SRM Institute Of Science And Technology**
9. **Dr.Reshma V.K, Associate Professor, CSE, Sri Krishna College Of Engineering and Technology**
10. **Dr. SHIVAKUMAR SWAMY N, Professor, CSE, RRIT**
11. **Emmanuel Rajarathnam, Associate Professor, ISE, RRIT**

4.2 Opening Session _Conference Proceedings.

On behalf of the organizing committee, proceeding books released at the Inauguration session



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IFERP Explore
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4.3 Keynote And Tutorial Speeches



Dr. Abhay Kumar
Vice Chancellor
Pratap University
Jaipur

Prof. (Dr.) Abhay Kumar, Vice- Chancellor, Pratap University, has more than 39 years of experience in the field of education. He has been an entrepreneur for 3 years and worked in the industry for over 16 years as Senior Manager- Personnel.

He acquired his PhD from the Department of Business Management, HNB Garhwal University, Srinagar Garhwal and completed his MBA from Motilal Nehru Institute of Research and Business Administration, the University of Allahabad.

Prof Kumar has a keen interest in the field of Marketing Management; Strategy being his forte and he has more than 20 years of experience in teaching and research. He is the author of several research papers and has also been the Keynote speaker/Chief Guest at a number of Conferences and Seminars.

Prof Kumar is a member of numerous bodies related to higher education and is on the Boards of Management and Advisory Boards of many institutes and universities.







Dr. Sailesh Iyer

Professor and Dean, CSE/IT Department, Rai School of Engineering,
Head, Collaborations and Tie-ups, Rai University, Ahmedabad.
President, RU IIC and RU Nodal Officer-GSIRF.

Dr. Sailesh Iyer has a Ph.D. (Computer Science) and currently serving as a Professor with Rai University, Ahmedabad. He has more than 22 years of experience in Academics, Industry and Corporate Training out of which 18 years are in core Academics. In addition to Patents, he is involved as an Editor for 6 book projects with River Publishers (Denmark), IGI Global(USA), Taylor and Francis(UK) and Bentham Science (UAE). A hardcore Academician and Administrator, he has excelled in Corporate Training, Delivered Expert Talk in various AICTE sponsored STTP's, ATAL FDP's, Reputed Universities, Government organized Workshops, Orientation and Refresher Courses organized by HRDC, Gujarat University. Research Contribution include reputed Publications, Track Chair and TPC Member for various reputed International and National Conferences, Reviewer of International Journals like Multimedia Tools and Applications (Springer), Journal of Computer Science (Scopus Indexed), International Journal of Big Data Analytics in Healthcare (IGI Global), Journal of Renewable Energy and Environment and Editor in various Journals. Expert Talk on Research based topics in various Universities and Conferences in addition to guiding Research Scholars as Supervisor. He has also been invited as a Judge for various events, Examiner for Reputed Universities, is a Computer Society of India Lifetime Member and was serving as Managing Committee (MC) Member, CSI Ahmedabad Chapter from 2018-2020. **Research interest areas include Computer Vision and Image Processing, Cyber Security, Data Mining and Analytics, Artificial Intelligence, Machine Learning, Blockchain.**

5.CONFERENCE ORGANIZING COMMITTEE

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PATRON	
	Sri Kiran H R, Secretary, PKMET
	Sri Arun H R, Director, PKMET
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6.SCIENTIFIC PROGRAM

Day	Session	Topic
Day 1	Technical Session I	Track 1 : CSE, ISE, IT/ AI&DS – 9 papers Track 2 : Management & Miscellaneous papers – 8 papers Track 3 : ECE – 8 papers
	Technical Session II	Track 1 : CSE, ISE, IT/ AI&DS – 16 papers Track 2 : Management & Miscellaneous papers – 12 papers Track 3 : ECE – 13 papers
Day 2	Technical Session III	Track 1 : CSE, ISE, IT/ AI&DS – 10 papers Track 2 : Miscellaneous & Management- 8 papers Track 3 : EEE – 7 papers
	Technical Session IV	Track 1 : CSE, ISE, IT/ AI&DS – 15 papers Track 2 : Civil - 11 papers Track 3 : EEE – 7 papers

Technical Session I

Technical Session 1

12.15 PM - 01:30 PM

Track 1 : CSE, ISE, IT/ AI&DS – 9 papers

Track 2 : Management & Miscellaneous papers – 8 papers

Track 3 : ECE – 8 papers

Track 1 : CSE, ISE, IT/ AI&DS – 9 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_2106830615	Staff Leave Management System And Attendance Tracking Using IOT	ISE	Akshata Kesanur, Arvind Chavan	Nalina V
2	ICRTEM_2406295463	Third Eye: TTS And Deep Learning Based Assistive Technology For Blind	ISE	Asrarulhaq Maktedar	Prathima M N
3	ICRTEM_2606413809	Fashion Classification Model	IT	Sanika Rawate	Kuldeep Vayadande, Shivam Chaudhary, Sakshi

					Manmode, Kunal Chanda, Resham Suryawanshi
4	ICRTEM_2706961705	Farmer Savior - The Optimal Way To Investigate Crop Diseases And Predict Crop Yields Using Deep And Machine Learning	ISE	Ali Abdo Ali Qasem Humadi	Tejas Pawar
5	ICRTEM_0107458032	A Comprehensive Survey On Medical Image Segmentation Methods	ISE	Mayuri Kamate	Shruthi G
6	ICRTEM_1307294856	A Comprehensive Review On Artificial Intelligence Driven Smart TV Recommendation System	ISE	Dr. Vartika Sharma	A B Rajendra
7	ICRTEM_0408621459	Cyber Security For The Identification And Analysis Of Anomalous Detection In The Smart Home Systems Using Machine Learning Algorithms	ISE	Susmitha Mukund Kirsur	Ashok Kumar R
8	ICRTEM_0808620974	Splinternet: Perspective Of Cyber Sovereignty And Challenges In Indian Context	ISE	Janani Bharath	Mahima A Shejwadkar
9	ICRTEM_0908235091	Data Fortification & Confidentiality - Predicting How Vulnerable Is Our Data Using Machine Learning Algorithms	ISE	Abhilasha Varshney	Kumarkaushik KS

Track 2 : Management & Miscellaneous papers – 8 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_0306470826	Demystifying The Implications Of Environment Impact Assessment, 2020	Law	Meghna Biswas	-
2	ICRTEM_0706987546	A Study On Application Of Total Quality Management Practices In Indian Automobile Industry	MBA	Amrit Kant Jha	Dr. Mahendra Singh
3	ICRTEM_0906769524	Purchase Decision Styles Of Women Consumers In Chennai City- A Study	Commerce	Dr Monica K	
4	ICRTEM_1206503427	The Roadway To Green Firms: Top Management Role And Management Practices Leading To Sustainable Innovation.	Commerce	Laishram Priyadarshini	Dr. Monalika Dey
5	ICRTEM_1306714025	An Efficient Security Framework Using ABC In Cloud Computing	Business & Management Sciences	Dinesh Parkash	Dr. Sumit Mittal
6	ICRTEM_2106516023	A Critical Analysis Of Pre-Packaged Insolvency Framework For Restructuring	Commerce	Vivek	Saurav
7	ICRTEM_2106432169	Structure Prediction And Molecular	Biotechnology	Pallavi Singh	P.K

		Docking Studies For Identification Of Potential Inhibitors Against Coth Proteins In Fungal Species Causing Mucormycosis			Sudhanshu
8	ICRTEM_2206304827	A Study On Work Place Stress And Survival Strategies In India	Management	Dr G.P Dinesh	Mrs Reena R

Track 3 : ECE – 8 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_2006569470	Women Safety Device Night Patrolling Robot	ECE	B N Mohan Kumar	Rahul D
2	ICRTEM_2006724603	Smart Water Management System	ECE	Malles B Y	Diganta Halder
3	ICRTEM_2006894670	Smart Reminder	ECE	Abhishek N M	Renuka C
4	ICRTEM_2006672954	Solar Based Energy Efficient Street Lights	ECE	Shyamala P Bhat	Sai Kiran G
5	ICRTEM_2006723845	Auto Billing Shopping Cart Using Arduino	ECE	Shyamala P Bhat	Vignesh Ravichandran
6	ICRTEM_2006029135	Natural Disaster Detection System With Personalized Notification System	ECE	Dr. Sunitha H D	Viresh K Hiremath
7	ICRTEM_2006709846	Smart Gardening And Hydropower Generation	ECE	Shadakshari	Mannuru Penchala Narasimha, Nelapathi Sumanth, Pooja C, Priyadarshini M S
8	ICRTEM_2006048732	Detection Of Brain Tumor At An Early Stage Using Image Segmentation Techniques & Machine Learning Techniques	ECE	Dr. Sunitha H D	Chethan P C

Technical Session II

2:16 PM - 5.00 PM

Track 1 : CSE, ISE, IT/ AI&DS – 16 papers

Track 2 : Management & Miscellaneous papers – 12 papers

Track 3 : ECE – 13 papers

Track 1 : CSE, ISE, IT/ AI&DS – 16 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_1008785346	Analysing Credit Card Fraud Detection Algorithms	ISE	N Kushal Sourav	Nithish Paul
2	ICRTEM_1108824307	Discern Emotions using signal procured from the brain by EEG	ISE	Nisha Setty A R	R Ashok Kumar
3	ICRTEM_2506273105	Document Text Search System Using Principles of non-deterministic finite automata	AI&DS	Ayush Gundawar	Kuldeep Vayadande
4	ICRTEM_2506624175	Finite Automata Application in String Identification	AI&DS	Kuldeep Vayadande	Harsh Gujar
5	ICRTEM_2506260374	Text Corrector for English Language	AI&DS	Dhanashree Dewalkar	Kuldeep Vayadande
6	ICRTEM_2506402185	Randomly Generating Music Using Context Free Grammars	AI&DS	Kuldeep Vayadande	Bhavesh Jagtap
7	ICRTEM_2506056281	Generating Computer Graphics Using DDA Algorithm	AI&DS	Kuldeep Vayadande	Darshan Bachhav
8	ICRTEM_2506789130	Randomly Generating English Sentences using Markov's chain	AI&DS	Kuldeep Vayadande	Arunav Chandra
10	ICRTEM_2506326915	Simulation of Pushdown Automata using Python	AI&DS	Kuldeep Vayadande	Abdul Mueed
11	ICRTEM_2506180943	Recognizing Regular Languages By Regular Expressions	AI&DS	Kuldeep Vayadande	Mr. Aditya Bhosale
12	ICRTEM_2706012784	Ocular Disease Recognition using Deep Learning	AI&DS	Varad Ingale	Vivek Verma, Abhishek Yeole, Sahil Zawar, Zoya Jamadar, Kuldeep Vayadande
13	ICRTEM_1008962847	Cyber Crimes against women in India - Analysis of data based on Machine Learning Regression Techniques	CNE/ISE	Gouripriya V	Prathiksha S Raj
14	ICRTEM_1108874925	Analysis of Motives behind cyber attacks using Machine learning Algorithms	CNE/ISE	Harshitha Y J, Pallavi N	R Ashok Kumar

15	ICRTEM_1108821793	Cyber hygiene in education sector	CNE\ISE	Anagha V, Roopa T, Reshma N Bhosle	R Ashok Kumar
16	ICRTEM_0306928306	Content-based image retrieval for multidimensional objects using Euclidean distance and an Artificial Neural Network	CSE	Prof Poornima Raikar	Dr S M joshi
17	ICRTEM_1206245713	ABC_DE_WOA: A New Novel Hybrid Algorithm for Complex Continuous Optimization Problems	CSE	Annvin Vincent	Prof. Pradeep Kumar D

Track 2 : Management & Miscellaneous papers – 12 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_2506389015	Effectiveness And Competencies Of Hr Professionals Towards Human Capital Development	Management	Annesly Anton Carvalho	Dr.J.M.Arul Kamaraj
2	ICRTEM_2706930624	A Study on Impact of work Stress on Labour Turnover in Garment Manufacturing Units.	Management	Manohar Babu G	Dr Ravinarayana Ks
3	ICRTEM_2706375268	Titanium ceramic material as thermal barrier coating for piston in CI engine to investigate the performance and emission characteristics of Diesel and biodiesel.	Automobile Engineering	Pradeep K V	Dr.Kavitha C S , Manju R B , Dr.Ravikumar K P
4	ICRTEM_2906235698	When are tweets by start-ups more likeable?	Management	Nidhi Singhal	Deepak Kapur
5	ICRTEM_1607752384	A Study on enriching the Work-life Balance in the light of the Bhagavad Gita	Language?Lit	Dr.K.S.Sivakumar	
6	ICRTEM_2007608235	Production of SCP from Mosambi, Pea, Peanut waste by using Sacchromyces Cerevesiae	Biotech	Chhavi Agarwal	Dr. Ashish Shukla
7	ICRTEM_2007527431	α -Amylase inhibition by using different plant sources to check Antidiabetic property	Biotech	Deepika Chaudhary	Dr. Ashish Shukla
8	ICRTEM_2307680417	COMPLETE REPLACEMENT OF FINE AGGREGATE BY SECONDARY WASTE: A LEAP TOWARDS 100% SECONDARY RAW WASTE CONCRETE	Research	Vikithia Bora	Ganesh Mantri
9	ICRTEM_2307706329	Consumption Pattern among New Middle Income Households in India with special emphasis on Chennai population	Economics	Diana Josephine	Dr A. Mariyappan

10	ICRTEM_2307503817	Stress management and Emotional Intelligence - Incidence of increasing Counselling in work places	Economics	P Diana Josephine	L. Nachammai
11	ICRTEM_0108962784	Implication of Double Taxation Treaties: A Systematic Literature Review and Bibliometric Analysis	Commerce	Firdous Ahmad Hurrah	Dr Khalid Ashraf Chisti
12	ICRTEM_0208690481	Reflecting on pandemic; Its impact & opportunities for India es	BBA	Dr Beena Devi	Ms Runjhun Bahuguna

Track 3 : ECE – 13 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_2006524930	Army Road Safety Project	ECE	Prof. Shadakshari	Sramana Bhattacharya
2	ICRTEM_2106150637	Vaccine Storage Unit Using Peltier Effect And Power Management Technique	ECE	Chittaranjan Das V	Shivakumar D N,Naveen C, Sanjay K S,Kiran C B
3	ICRTEM_2406983761	A Review On Hardware Cryptocurrency Wallet	ECE	Divya B	Dr M Roopa
4	ICRTEM_2506261590	Security Authentication Adaptive Communication Protocols For Internet Of Multimedia Things	ECE	Harisha K S	Rajkumar Sarma
5	ICRTEM_2506845306	Machine Learning Analysis Of Emotion Detects In Children	ECE	Bhoomika J	Celeste T
6	ICRTEM_2906526870	Internet Of Things Enabled Power Theft And Smart Meter Monitoring System	ECE	Sushmitha Sr	Anshu Deepak
7	ICRTEM_2906397546	Air Quailty Sensing And Monitoring	ECE	Shyamala P	Akhil M
8	ICRTEM_2906174356	Design And Implementation Of Wireless Black Box For Vehicle Tracking And Accident Alert System Using Arduino And Gps Module	ECE	Dr. Shiva Shankar	Tejaswini P
9	ICRTEM_1107280694	Implementation Of 32-Bit Vedic Multiplier Using Verilog	ECE	Ramya K V	B M Yashas, C V Krishnan, Chanadana Rao, Linchana M
10	ICRTEM_1807342796	Development Of Health Tracker System For Elderly People	ECE	Sathananthavathi	Nivethika
11	ICRTEM_1907160932	System C Modeling Of Write Combining Burst Generator For Bus Protocols To Boost System Performance	ECE	Sunitha H D	Shyamala P

12	ICRTEM_2707706312	Comparison And Performance Investigation Of 4 And 16 Qam-Ofdm Based On Rof Link	ECE	Ankita Khanna	
13	ICRTEM_0908249601	Multiple Carrier Optical Frequency Comb Generation Based On Cascading Of Three Different Types Of Modulators In An Optical Networks	ECE	Neeraj Kumar	Ameeta Seehra, Simranjit Kaur

Day 2 : 26/08/2022

Technical Session III

11.30 AM - 01:15 PM

Technical Session III Track 1 : CSE, ISE, IT/ AI&DS – 10 papers**Track 2 : Miscellaneous & Management- 8 papers****Track 3 : EEE – 7 papers****Track 1 : CSE, ISE, IT/ AI&DS – 10 papers**

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_1506348701	Sign-language recognition and translation into speech	CSE	Shridhara Hegde	Uddeshya Jha
2	ICRTEM_1606910346	Grama Vikas(Village Interaction System)	CSE	Prakash Kuchhadia	Nitesh Kumar
3	ICRTEM_1606197842	The Survey: Anomaly Detection in Cellular Networks	CSE	Kiran Deshmukhmath	Dr. Jayalakshmi D.S.
4	ICRTEM_1706570936	Detection of COTS-Starfish in Underwater Image using Convolution Neural Networks: A Survey	CSE	Dr. Rajeshwari B S	Sumanth K V, Shashidhar, Sharan D B, Kshitij
5	ICRTEM_1806092763	Students Marks Prediction	CSE	Husna Khanum	Indraja J
6	ICRTEM_2206091483	Survey on Various Biometric Techniques	CSE	Shruti Chougule	Prof. Vandana Sardar
7	ICRTEM_2706982651	Identify Vulnerabilities in Mobile Banking System using Vulnerability Assessment and Penetration Testing	CSE	Mohd Salman	Prof. Dr. Rahul Kumar Mishra
8	ICRTEM_2606082397	An Efficient and Intelligent decision making for Eco-Fertilization	CSE	Ishita Katiyar	Gaurav Sharma
9	ICRTEM_2606724350	Driver Drowsiness Detection Software	CSE	Kuldeep Vayadande	Pavan Kumar Sanjay
10	ICRTEM_2606261598	Traffic Sign Recognition System using YOLO	CSE	Kuldeep Vayadande	Rohit Patil

Track 2 : Miscellaneous & Management- 8 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_0208708126	The Concept Of The Boundary Layer In The Study Of Fluid Flow	Mathematics	Rekha Devi	
2	ICRTEM_0808831925	Enhanced Power Factor Of Mg2si With The Addition Of Sige Particulates	Meteorology	Sushantika Choudhary	Saravanan Muthiah, Bathula Sivaiah, Naval Kishor Upadhyay Radhey Shyam, S. R. Dhakate
3	ICRTEM_1008281705	Consumers Perception Towards Electric Vehicle - A Study	Management	Rashmi S.B	Suchitra Shenoy S,
4	ICRTEM_1108718530	Relevance Of Existing Sales And Marketing Strategies In Fmcg Start Up – Case Study Approach	Marketing	Mamta Negi	Mamta
5	ICRTEM_1108138497	An Intelligent “Multi – Level” Model For Optimizing Loan Portfolio Of Retail Banks	Finance	Srilatha Kappagantula	Prof Vikas Srivastava
6	ICRTEM_1108326145	Use Of Complex Fuzzy Matrices In The Diagnosis Of Gestational Diseases	Mathematics	Divya Mol K T	Dr. Lovelymol Sebastain
7	ICRTEM_1108921603	Bibliometric Analysis Of Minimum Support Price And Publication Output: A Research Agenda	Management	Anurag Bhandari	Dr. R.P Badoni
8	ICRTEM_1208670815	Mediation Of Study Habits Between Social Networking Sites And Academic Performance Of Management Graduates	Commerce	E. Nagaraju	B. Siva Vishnu Mohan Reddy

Track 3 : EEE – 7 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_1806287904	A Smart Review On Hybrid Forecasting Systems Based On Solar And Wind Energy Sources	EEE	Sunil Kumar A V	Danalakshmi H R
2	ICRTEM_1806143752	Optimal Allocation Of Facts Devices In Transmission System Using Social Group Optimization (Sgo)	EEE	Sunil Kumar A V	Saptadipa Das
3	ICRTEM_2006679815	Electric Grass Cutter With Bms	EEE	Dheeraj K	Sowmya G J
4	ICRTEM_2006917482	4-Channel Touchless Switchboard For Post Covid World	EEE	Sunanda C V	Raushan Kumar Shrivastava, Bhola Chaudhary, Imran Alam, Firdoush Ansary

5	ICRTEM_2006724059	Iot Based Controlling Of Power Grid	EEE	Mallesha B Y	Bhoomika R,Shankar Kumar Yadav,Thejaswini B ,Hussien Ali Hussien Mursal
6	ICRTEM_2006078192	Arduino Based Driver Drowsiness & Alerting System	EEE	Madhavi Dasari	Afsal A,Ujjal Sarkar,Suhaib Mm
7	ICRTEM_2006760983	Analysis Of Model Order Reduction Techniques In Discrete Time Control System	EEE	Renu Yadav	Prof.A.Njha

Technical Session IV

02:00 PM – 04:30 PM

Track 1 : CSE, ISE, IT/ AI&DS – 15 papers

Track 2 : Civil - 11 papers

Track 3 : EEE – 7 papers

Track 1 : CSE, ISE, IT/ AI&DS – 15 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_2706547103	Robust Chatbot Application For Student Admission Process	CSE	Kuldeep Vayadande	Pratik Patil
2	ICRTEM_2706590847	Comparative Analysis Of Regression Algorithm For Student Grade Prediction	CSE	Kuldeep Vayadande	Shreya Pawar
3	ICRTEM_2806495023	Centralized Job Portal	CSE	Vijay Gaikwad, Vinay Hasani	Rugvedi Ghule, Vedant Gupta, Sahil Hariyal, Pravin Harne
4	ICRTEM_2906135284	Sugarcane Disease Classification	CSE	Kuldeep Vayadande	Prateek Puranik
5	ICRTEM_0107632785	Classification Of Cervical Cancer	CSE	Kuldeep Vayadande	Atharva Patilpate
6	ICRTEM_1007915846	Crypto Exchange Wallet: Software Development Lifecycle	CSE	Saurabh Jadhav	Prof. Swati Jadhav
7	ICRTEM_1507529708	Delphi Migration With Tls Encryption	CSE	Shagufta S	Dr. Ramakanth Kumar P
8	ICRTEM_3007352914	Lane And Curve Detection System For Autonomous Car	CSE	Shrishailappa Patil	Ashwini Patil
9	ICRTEM_0908371809	Analysis On Network Intrusion Detection Using Machine Learning Algorithms	CSE	Punyashree B	Shalparni P Y
10	ICRTEM_0908736541	Detection Of Phishing Attack In Cryptocurrency Using	CSE	Amulya.R,Sushma.D	Rakshitha.P,Dr R.Ashok Kumar

		Different Machine Learning Algorithms			
11	ICRTEM_1108201487	Alerting Drowsy Driver By Detecting Eye, Yawn And Head Movements Using Mt-Cnn	CSE	Soundarya M	Alli P
12	ICRTEM_1208670859	Automatic Music Recommendation Based On Face Recognition Using Tree Cnn And Other Features	CSE	Jayamalar S	Alli P
13	ICRTEM_2407610537	An Enhanced Cnn For Handwritten Tamil Character Recognition Using Adam Optimizer	CCE	Babitha Lincy R	Jency Rubia J, Sherin Shibi C
14	ICRTEM_2507687213	Design & Finite Element Analysis Of Pressure Vessel Using Ansys	Robotics	Mr. Kunal Khadke	Dr. Dinesh Chawde
15	ICRTEM_1508354689	An Efficient Two Phase Intrusion Detection System (Ids) Using Deep Learning Techniques	CSE	Sathishkannan R	Premalatha
16	ICRTEM_1308264578	A Study On Blood Pressure Monitoring For Lifestyle Changes	IT	Sivakarathi G	Dr.R.Perumalraja

Track 2 : Civil - 11 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_0906807923	Battery technology for Green transportation	Energy	Shashank Kumar Jha	Mukesh Kumar, Dr.Bishnu Mohan Jha
2	ICRTEM_1306692417	Scenario of Reactive Power Management Using FACTS Devices and HVDC in Indian Renewable Energy	Energy	Pawan Kumar	Shashank Kumar Jha, Chakrapani Gandikoti, Dr.Bishnu Mohan Jha
3	ICRTEM_1506872450	Evaluation of Hydrodynamic pressure in reservoir adjacent to concrete gravity dam using finite element technique	Civil	SANTOSH KUMAR DAS	KALYA KUMAR MANDAL, ARUP GUHA NIYOGI
4	ICRTEM_2006058491	Study of Typology and Vitality of Parks for Sustainable Development of Cities	Architecture	Niva Turna	Harveen Bhandari
5	ICRTEM_2006963180	Determining Effects of New Expansions in Existing	Architecture	Shaffali Joshi	Manmohit Singh

		Urban Pattern of Patiala City, Punjab			
6	ICRTEM_2106198765	Geohazard in India and the Role of Geotechnical Engineering in Georisk Reduction	Civil	Rupali Sarmah	Yoichi Watabe
7	ICRTEM_2007803429	Factors Influencing Organizational Structure for Highway Construction Project Performance Improvement	Civil	Sohan Rajendra Kolhe	Dr. Pankaj P. Bhangale
8	ICRTEM_2507178592	Comparison of Dynamic Wind Load using Indian and International Standards with Case-study	Civil	Akshita Jadhav	Vikita Bora
9	ICRTEM_0108126397	Enhancement of Seismic Responce of Multistory Base Isolated Building Equipped with Tuned Mass Damper.	Civil	Miss. Supriya R. Dhekale	Miss. Ankita P. Thorat
10	ICRTEM_0808710582	Sustainable Development of Indian smart cities and their focus on resilient growth: A policy review	Environment	Anurita Bhatnagar	Dr. Deepak Bajaj
11	ICRTEM_1408401369	Seismic and Wind analysis of different lateral load resisting systems	Civil	Prof. Vrunda Agarkar	Madhav Jadiya

Track 3 : EEE – 7 papers

S.No	Abstract ID	Paper Title	Department	Author	Co Authors
1	ICRTEM_2106371958	Iot Based Smart Industrial Panel Using Python For Speed Control And Monitoring Of Dc Motor	EEE	Rupali Sarmah	Shovanand Chaudhary
2	ICRTEM_2506852970	Application Of Ieho For Optimization Of Operation Cost Of Grid-Connected Microgrid With Energy Storage	EEE	Mrs.Kalyani Kurundkar	Dr.Mrs.Geetanjali Vaidya
3	ICRTEM_2906956231	A Novel Approach To Embedded System Design For Electrical Power Conservation Through Flexible Ac Transmission Using Tsc(Thyristor Switch Capacitor)	EEE	Harshita Vs	Sushma Mn
4	ICRTEM_2906479316	Home Security And Automation System	EEE	Abdul Zelani	Ashish Yadav
5	ICRTEM_2206975384	Design And Implementation Of Automatic Fire Extinguisher Using Acoustic Sound Waves	EEE	Akash Kumar Singh	Gagan Kumar
6	ICRTEM_1407812397	Development Of Virtual Reality Based	EEE	Preethi S	Mohana Lakshmi J

		Experimentation Of Digital Electronics Laboratory			
7	ICRTEM_1108469012	Occupancy Detection In Smart Buildings	EEE	N.Sivasankari	Dr.P.Rathika

6.3 Highlights Day1 session

Day 1 of ICRTEM Conference consist of one session from department of ECE/CSE/ISE/ IT, Management Papers in which each session consist of 66 presentations

Highlight of Session I

Enjoyed Research Papers:

Technical Session I :

Track 1 : (IT / AI&DS /CSE/ISE)

Author Name :

[1] Janani Bharath, [2]Mahima A Shejwadkar, [3]R Ashok Kumar
[1][2]MTech in Computer Network and Engineering, BMSCE, [3]Professor, Dept. of ISE, BMSCE

Paper Title :

Splinternet : Perspective of Cyber Sovereignty and Challenges in Indian context

Abstract:

he action of adding boundaries to the borderless, global internet is known as Splinternet. In other words, a country achieves Cyber sovereignty through Splinternet even though the phrases "splinternet" and "cyber sovereignty" are synonymous. Detachment from the global web is quite difficult in terms of a number of factors, even though nations that have attained cyber sovereignty are much more privileged with regard to issues of peace and security. In order to understand the public's opinion on India achieving cyber sovereignty, this paper carried out a survey, analyzed the results, and discussed the various challenges in implementing Splinternet.

Index Terms—Splinternet, Cyber sovereignty, Firewall, Virtual Private Network, Challenge

Track 1 : (IT / AI&DS /CSE/ISE)

Author Name :

[1] Abhilasha Varshney, [2] Kumarkaushik K S, [3] Dr. Ashok Kumar R
[1] MTech, CNE, Information Science and Engineering, BMS College of Engineering,
Bengaluru, India

Paper Title :

Data Fortification & Confidentiality
Predicting how vulnerable is our data using Machine Learning Algorithms

Abstract:

Software security concerns have gained attention due to the speedy progression of cybercrime happenings due to which increasingly most of our devices are being harmed. As around 90% of all attacks use well-known security flaws to identify weak points. By applying contemporary vindicating methods is a possible practical and a workable, effective strategy for combating cybercrime. Here, we examine the Machine Learning methods, like KNN algorithm, decision tree algorithm and Naïve Bayes algorithm and their effectiveness in predicting functions and applications that are easily vulnerable to the cyber-attacks through malwares due to the flaws in JavaScript applications and various functions in the back-end programs. For identifying the best prediction results, use of exhaustive grid-search procedures and static source code metrics as predictors was done. Since the dataset had an imbalanced nature hence the impact of different resampling techniques to address this was also taken into consideration to achieve the results

Index Terms—algorithms, cybercrime, functions, predictors.

Track 2 : Management & Miscellaneous papers

Author Name:

Mr. Vivek Saurav
Assistant Professor of Law
Anil Surendra Modi School of Commerce, NMIMS University, Mumbai

Paper Title :

A Critical Analysis Of Pre-Packaged Insolvency Framework For Restructuring

Abstract

In a post-pandemic world, where insolvency laws for some have been suspended, creditors of Indian corporates are left with little leverage and even lesser hope for recoveries. Many believe that times like these call for new mechanisms in the Indian restructuring space. Prepacks, or pre-packaged restructuring agreements, are currently being widely suggested as the next best option for creditors and Indian distressed companies. Given the inevitable rising financial stress in India's financial sector heightened by payment moratoriums on term loan

facilities and protections for certain potential defaults, creditors have been left searching for alternate, viable restructuring mechanisms.

The primary element of prepacks, which differentiates it from standard Indian in-court restructurings, is the involvement of company promoters and shareholders in the process. The IBC is founded on a creditor-in-control model, where creditors decide the fate of a distressed company. In comparison, prepacks by nature typically have some shareholder cooperation and court approval a combination that the insolvency law explicitly sidesteps. Therefore, without a dilution of the existing Section 29A provision, the introduction of prepacks could end up contradicting existing insolvency “policy”, which was put in place for a targeted purpose. On the flip side, diluting Section 29A could help insofar as facilitating more “resolutions” across the board, since finding third-party bidders could be a challenge.

Track 3 : ECE

Author Name:

]Yeshwanth Kumar, [2] Dr.Sunitha H D, [3] Chethan P C , [4] Naksha
[1] Scholar,RRIT ,[2] Professor,RRIT, [3]Scholar, RRIT [4] Scholar, RRIT

Paper Title :

Early Stage Brain Tumor Detection Using Image Segmentation & Machine Learning Techniques

Abstract

In a post-pandemic world, where insolvency laws for some have been suspended, creditors of Indian corporates are left with little leverage and even lesser hope for recoveries. Many believe that times like these call for new mechanisms in the Indian restructuring space. Prepacks, or pre-packaged restructuring agreements, are currently being widely suggested as the next best option for creditors and Indian distressed companies. Given the inevitable rising financial stress in India’s financial sector heightened by payment moratoriums on term loan facilities and protections for certain potential defaults, creditors have been left searching for alternate, viable restructuring mechanisms.

The primary element of prepacks, which differentiates it from standard Indian in-court restructurings, is the involvement of company promoters and shareholders in the process. The IBC is founded on a creditor-in-control model, where creditors decide the fate of a distressed company. In comparison, prepacks by nature typically have some shareholder cooperation and court approval a combination that the insolvency law explicitly sidesteps. Therefore, without a dilution of the existing Section 29A provision, the introduction of prepacks could end up contradicting existing insolvency “policy”, which was put in place for a targeted purpose. On the flip side, diluting Section 29A could help insofar as facilitating more “resolutions” across the board, since finding third-party bidders could be a challenge

Technical Session II :

Track 1 : (IT / AI&DS /CSE/ISE)

Author Name:

[1]Mohd Salman, [2] Prof. Dr. Rahul Kumar Mishra
[1] IFTM University, Moradabad, [2] IFTM University Moradabad
Mechanical Engineering Department, Basaveshwar Engineering College, Bagalkot,
Karnataka, India

Paper Title:

Identify Vulnerabilities in Mobile Banking System using Vulnerability Assessment and Penetration Testing

Abstract:

Presently a day's everybody is associated with the web due to web use is rising world wide step by step so security has likewise turned into a significant feature to the internet. Security of the web server, Web Application, Websites and portable financial framework in the present world is vital. So in this, we discuss about VAPT. VAPT are two distinct Vulnerability or shortcoming testings. These tests have different intensity and consolidated to get a flat out VAPT testing conduct two unique errands, generally all around stamped results inside a similar application. For any organization Vulnerability appraisal and Penetration Testing really look at appropriate working of looking through game plan. On the off chance that portable financial application has a weakness, aggressor utilize different sort of assaults like SQL Injection, Cross-Site Scripting, Cross-Site Request Forgery, Session Exploitation, DoS or DDoS and Misconfiguration and so forth. These attacks are described in OWASP top 10.

Index Terms : VAPT (Vulnerability Assessment and Penetration Testing), SQL Injection, XSS (Cross-Site Scripting), CSRF (Cross-Site Request Forgery), OWASP Top 10, Mobile Banking Application.

Track 2 : (Management & Miscellaneous Papers)

Author Name:

Nidhi Singhal, Deepak Kapur
Dr.SSBUI CET, Panjab University; UBS, Panjab University, Chandigarh

Paper Title:

When are tweets by start-ups more likeable?

Abstract:

Twitter has impacted the businesses and start-ups worldwide. This study attempts to understand the likability of tweets posted by the start-ups. The study uses extensive tweet data of more than 1 lakh tweets. The key findings of the study are that tweets should be sufficient length and use additional features such as hashtags, mentions etc. to increase their likeability and spread across the networks.

Keywords: social media, Twitter, start-ups, data mining

Track 3 : (ECE Papers)**Author Name:**

Ramya K V¹, B M Yashas², C V Krishnan³, Chandana Rao⁴, Linchana M⁵

Asst. Professor, Dept. of Electronics and Communication, GAT, Bangalore, Karnataka, India¹

UG Student, Dept. of Electronics and Communication, GAT, Bangalore, Karnataka, India²

UG Student, Dept. of Electronics and Communication, GAT, Bangalore, Karnataka, India³

UG Student, Dept. of Electronics and Communication, GAT, Bangalore, Karnataka, India⁴

UG Student, Dept. of Electronics and Communication, GAT, Bangalore, Karnataka, India⁵

Paper Title:

Implementation of 32-Bit Vedic Multiplier using Verilog

Abstract:

Abstract—This paper is based on the design and implementation of 32-bit Vedic multiplier . The proposed Vedic multiplier architecture is designed to take two 32-bit inputs and arrange each 32-bit input into two 16-bit blocks, apply ‘Urdhava Triyagbhyam’ method that is the vertical and crosswise method on these blocks and arrange the partial products in a manner that they can be added using basic adders. This architecture is designed and implemented using the Verilog code and then simulated using the Cadence tool. The results of implementation are then compared to the results of implementation of another non-Vedic multiplier in order to show that the proposed design is more efficient with respect to their power analytics.

Keywords—Vedic, Urdhava Triyagbhyam,IXI, Carry Lookahead adder, Multiplier.

Technical Session III:**Track 1 : CSE/ISE/IT/AI&DS****Author name :**

Prakash Kuchhadia¹, Nitesh Kumar², Sandeep V³, Vivek J⁴, Hemalatha K⁵
^{1,2}Atria Institute of Technology, Visvesvaraya Technological University, India

Paper Title : Grama Vikas (Village Interaction System)

Abstract

The Grama Vikas Leads up to an idea of solving a set of problems which are related to day-to-day life of villagers as well as farmers. It includes the problems related to crops for farmers and various government schemes, apart from that a local villager can also use this system to get informational values related to the plants as well as medicinal values using OCR system and voice recognition system.

Plant diseases result in significant productivity and economic losses, as well as a decline in agricultural product quality and quantity large-scale crop monitoring, plant disease diagnosis is getting greater attention these days. Switching from one disease control approach to another is extremely challenging for farmers. Expert observation with the naked eye is the traditional method for detecting and identifying plant diseases in practice. Picture acquisition, some of the techniques include Pre-processing of images, feature extraction, and neural network-based categorizations are all included. A unique characteristic is the capacity to extract knowledge only by listening to noises. Because persons who are blind or visually handicapped can respond to noises, speech signals are a more effective way of communication than text. The aim of this study is to create a low-cost, user-friendly speech synthesis system based on optical character recognition (OCR). The Laboratory virtual instruments engineering workbench was used to create an OCR-based speech synthesis system.

Track 2 : EEE**Author name :**

Sowmya.G.J, ¹Dheeraj K, ²Rupesh Kumar Sah, ³Sneha Joesphin, ⁴Dhanush S
 Professor, Department of EEE, R.R Institute of Technology, Bengaluru, India,
^[1,2,3,4] B.E., Students, Department of EEE, R.R Institute of Technology, Bengaluru, India

Paper Title : Electric Grass Cutter with IoT Based Battery Monitoring System

Abstract

The “Electric grass cutter with IoT based battery monitoring system” is battery operated device aimed to perform efficiently and also to reduce the negative impact on environment

due to conventional method. Providing affordable production model to farmers a highly powerful grass cutters capable of providing enough torque and speed meeting present industry standards. Also including battery monitoring system to monitor battery statistics like Battery percentage, Battery voltage, Battery temperature etc.,. As it is equipped with NODE MCU Wi-Fi module which frequently updates battery data to server through api of Thingspeak. This system doesn't require human intervention for the updation by this method one can even access the data from anywhere in the world.

Keywords— Electric grass cutter, IoT based Battery Monitoring System (BMS), Node MCU, Thingspeak.

Technical Session IV: Civil & EEE

Author name :

[1] Pawan Kumar, [2] Shashank Kumar Jha, [3] Chakrapani Gandikoti, [4] Dr. Bishnu Mohan Jha

[1] M.Tech. Student, [2] Research Scholar, [3] Research Scholar, [4] Assistant Professor
[1][2][3] Department of Energy Engineering, Central University of Jharkhand

Paper Title : Scenario of Reactive Power Management Using FACTS Devices and HVDC in Indian Renewable Energy

Abstract

The main purpose and intent of this paper is to demonstrate the rudimentary and haphazard concept of reactive power in power system. The country's transmission system has grown rapidly in response to rising demand, connecting generating stations and allowing for the integration of Renewable Energy (RE) sources from RE-rich areas. Integrating variable producing sources into the grid can produce issues such as voltage fluctuations and outages, which can damage utility equipment as well as end users performance. Reactive power has never done any work but without it, very little work can be done. We have a control mechanism in reactive power compensation that allows us to better deal with a variety of occurrences. We can get a densely loaded network to cope with load changes and other events without deteriorating the grid's operation by adding and removing reactive power. The goal of the STATCOM is to regulate and support ac voltage while minimizing over- and under voltages that may arise in the network due to various faults and events, such as massive HVDC commutation failure.

Keywords – FACTS, Hybrid STATCOM, MMC, MSR, HVDC, Renewable Energy, VSC HVDC, UHVDC, REMCs.

Author name :

[1] Mrs. Kalyani Kurundkar, [2] Dr. Mrs. Geetanjali Vaidya,
[1] PVG's COET and GKPIM, Pune, [2] PVG's COET and GKPIM, Pune

Paper Title : Application of IEHO for optimization of operation cost of grid-connected microgrid depending on energy arbitrage and energy storage

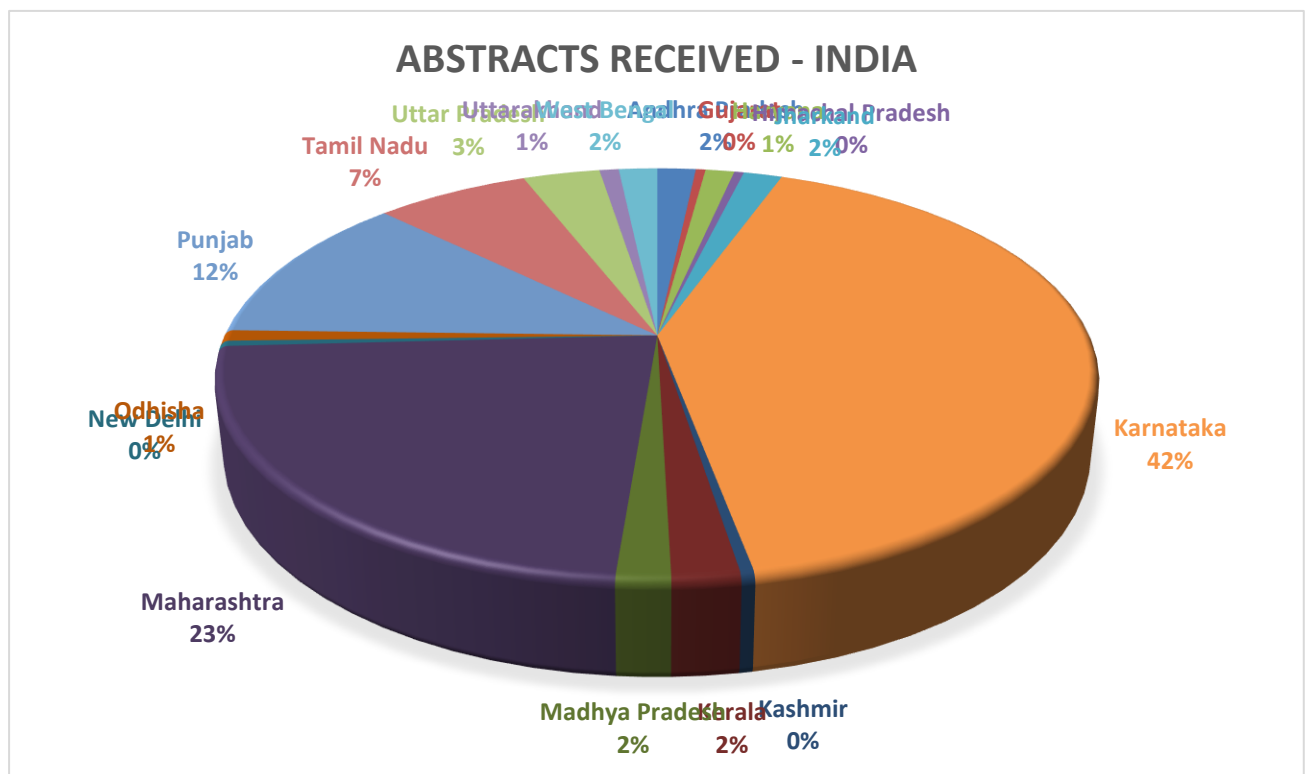
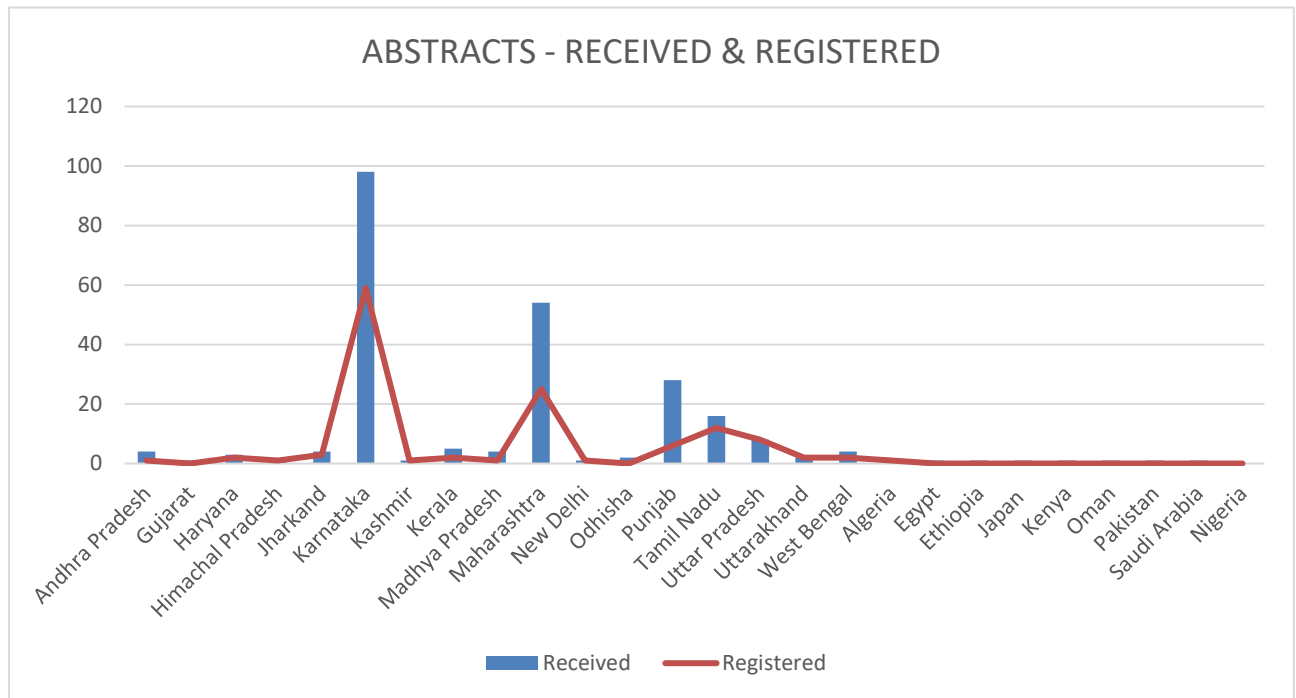
Abstract

Economic Dispatch of microgrid in grid connected mode is very sensitive to change in grid energy price as well as operation and maintenance cost of various components in microgrid. For economic benefit the objectives and energy management strategies of microgrid depend upon the two modes of its operation i.e grid connected and islanded. The objective of microgrid in grid connected mode will be to maximize the revenues. This paper shows the impact of grid energy prices and operating cost of energy storage i.e battery on economic dispatch of microgrid. The optimal economic dispatch of microgrid is carried out using recently developed Improved Elephant Herd optimization technique. Three case studies are considered to analyze the impact of various grid price and operation and maintenance cost of battery on microgrid's operation. From the results it is clear that energy storage and grid energy arbitrage is major decision making factor in deciding the operation strategy of microgrid in grid connected mode at each instant so as to maximize its profit by minimizing its total operation cost. The grid-connected microgrid considered in this study consist of Wind Turbine, PV generation system, diesel generator, energy storage and Load.

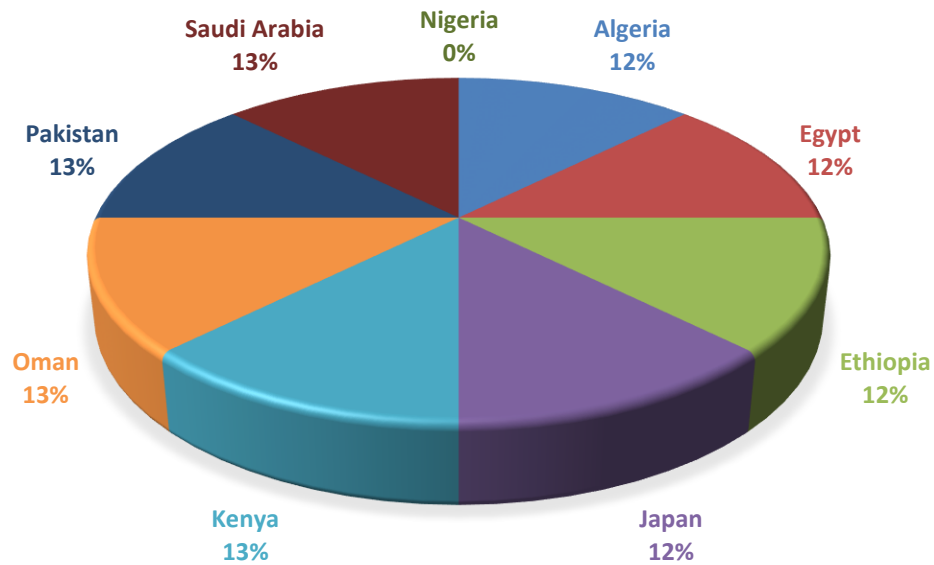
Index Terms—Optimization, Microgrid, energy storage, Distribution network, Improved Elephant Herd optimization

7.SURVEY ANALYSIS**Papers received based on the States**

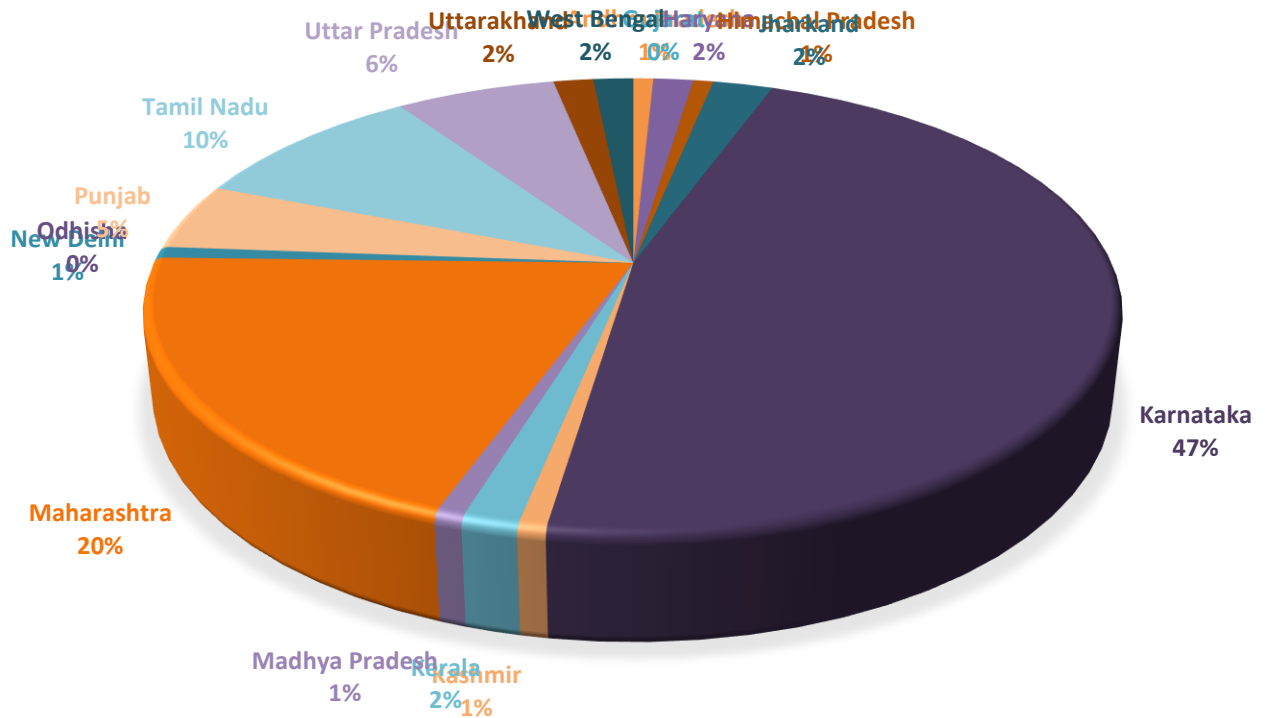
S.No	State	Received	Registered
India	Andhra Pradesh	4	1
	Gujarat	1	0
	Haryana	3	2
	Himachal Pradesh	1	1
	Jharkhand	4	3
	Karnataka	98	59
	Kashmir	1	1
	Kerala	5	2
	Madhya Pradesh	4	1
	Maharashtra	54	25
	New Delhi	1	1
	Odisha	2	0
	Punjab	28	6
	Tamil Nadu	16	12
	Uttar Pradesh	8	8
	Uttarakhand	2	2
	West Bengal	4	2
Abroad	Algeria	1	1
	Egypt	1	0
	Ethiopia	1	0
	Japan	1	0
	Kenya	1	0
	Oman	1	0
	Pakistan	1	0
	Saudi Arabia	1	0
	Nigeria	0	0
	Total	244	127



ABSTRACTS RECEIVED - ABROAD



ABSTRACTS REGISTERED - INDIA



8.VALEDICTORY

In the Valedictory best paper and best paper Presentation of International Conference on Research Trends in Engineering and Management, ICRTEM 2022 was announced

Best paper awards

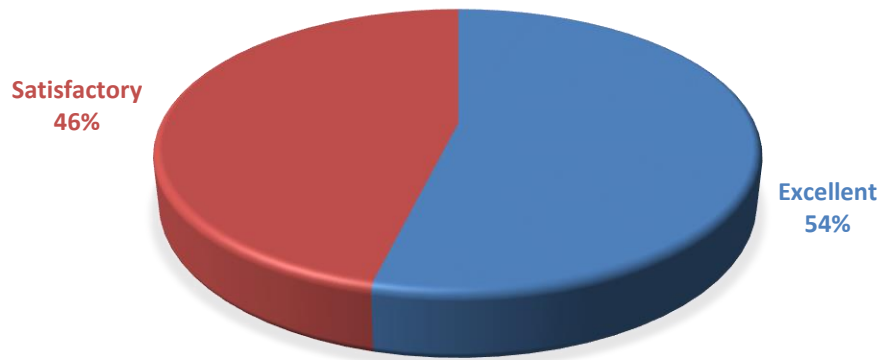
S.No	Paper Title	Author	Co Authors
1	Splinternet: Perspective Of Cyber Sovereignty And Challenges In Indian Context	Janani Bharath	Mahima A Shejwadkar, R Ashok Kumar
2	Detection Of Brain Tumor At An Early Stage Using Image Segmentation Techniques & Machine Learning Techniques	Dr. Sunitha H D	Yeshwanth Kumar, Chethan P C, Naksha
3	A Critical Analysis Of Pre-Packaged Insolvency Framework For Restructuring	Vivek Saurav	
4	Identify Vulnerabilities In Mobile Banking System Using Vulnerability Assessment And Penetration Testing	Mohd Salman	Prof. Dr. Rahul Kumar Mishra
5	Electric Grass Cutter With Bms	Dheeraj K	Sowmya G J, Rupesh Kumar Sah, Sneha Joesphin, Dhanush S
6	Scenario Of Reactive Power Management Using Facts Devices And Hvdc In Indian Renewable Energy	Pawan Kumar	Shashank Kumar Jha, Chakrapani Gandikoti, Dr. Bishnu Mohan Jha

Best paper Presentation awards

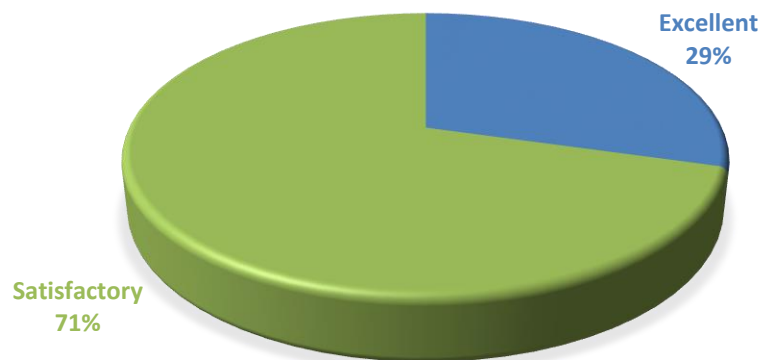
S.No	Paper Title	Author	Co Authors
1	Data Fortification & Confidentiality - Predicting how vulnerable is our data using Machine Learning Algorithms	Abhilasha Varshney	Kumarkaushik KS, R Ashok Kumar
2	Implementation of 32-Bit Vedic Multiplier using Verilog	Ramya K V	B M Yashas, C V Krishnan, Chandana Rao, Linchana M
3	When are tweets by start-ups more likeable?	Nidhi Singhal	Deepak Kapur
4	Grama Vikas(Village Interaction System)	Prakash Kuchhadia	Nitesh Kumar, Sandeep V, Vivek J, Hemalatha KN
5	Application of IEHO for optimization of operation cost of grid-connected microgrid with energy storage	Mrs.Kalyani Kurundkar	Dr.Mrs.Geetanjali Vaidya

9.FEEDBACK

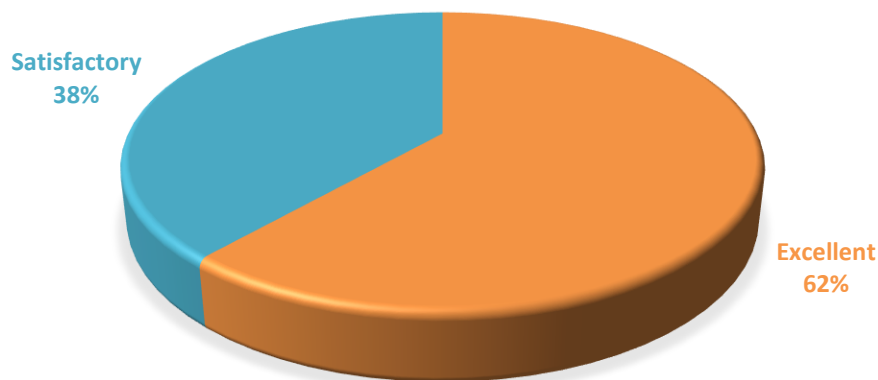
EFFECTIVENESS OF PRESENTATION



ABOUT CONFERENCE ORGANIZATION



OVERALL ICRTEM FEEDBACK



Comments

This is my first conference and I have gain good knowledge regarding conferences... IFERP is really good and provide so much opportunities... I highly appreciate it...

Good

My first conference will be memorable
Conference organizers is very good and very cooperative.

Satisfactory

It is well organized from the registration processes to end of the conference

Very good

very good

Satisfying

Very good

Message

The 1st day compering person is very good in scheduling presentation... Her way of approach is good...

The suggestion from higher staff of conference

Keynote speakers

Presentation

The presentation of research

Evaluation process

All

Speakers sessions and Inputs from judges during the presentation

Presentations

Latest Research work discussions

10.VOTE OF THANKS

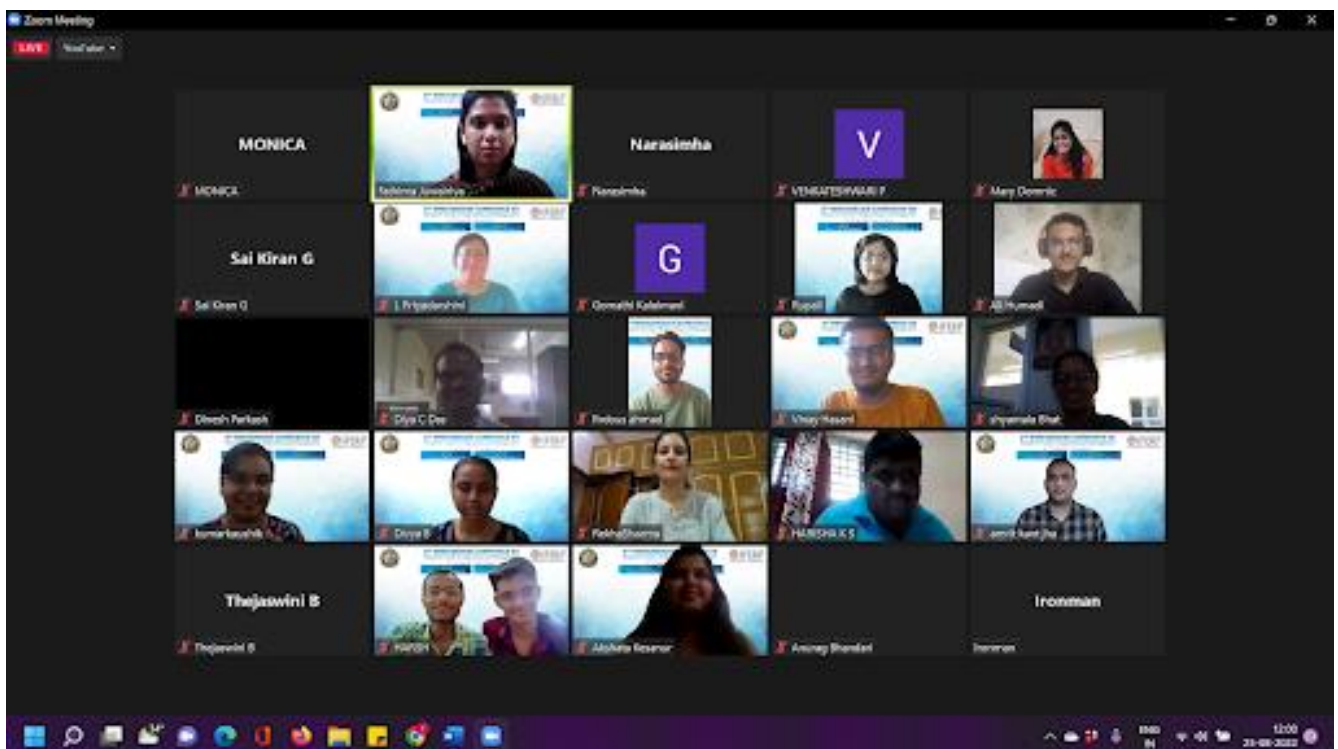
2nd International Conference on research trends in Engineering and Management successfully hosted its ICRTEM at RR Institute of Technology on 25th and 26th August 2022. The conference was organized with a focus on Engineering, Technology and Management and it was a great success where eminent keynote speakers from various universities addressed the gathering.

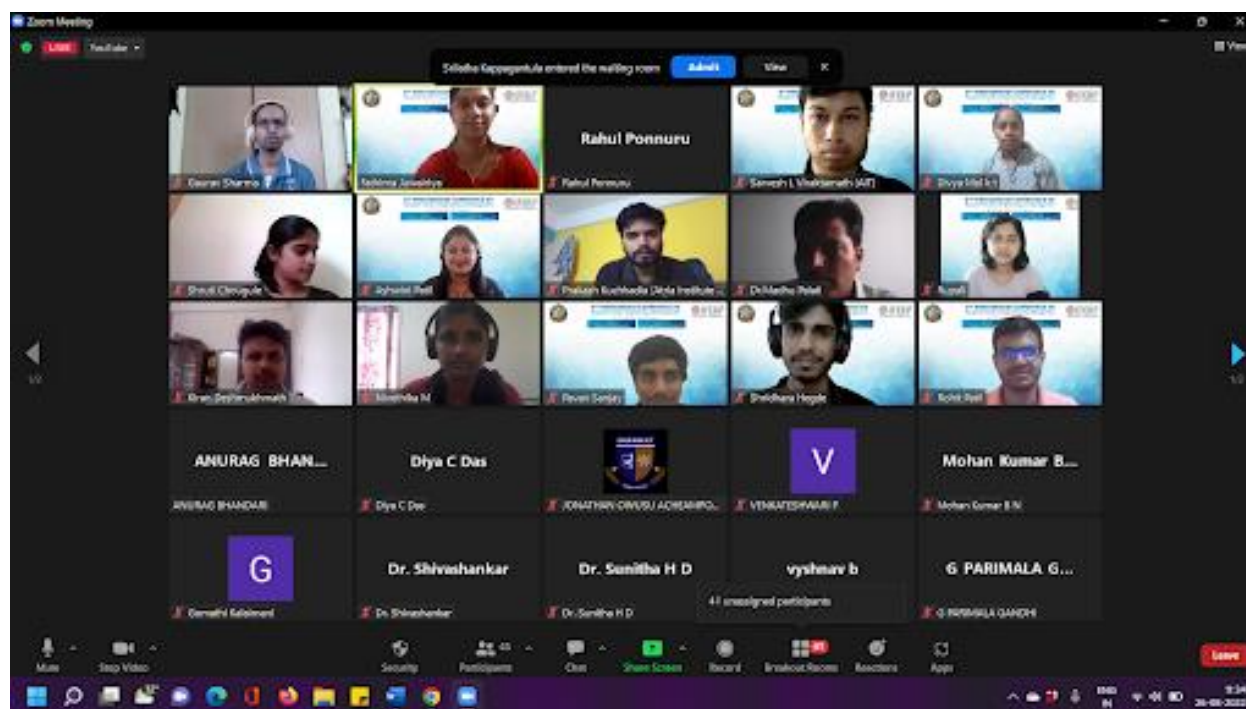
The generous response and active participation of the Organizing Committee Members and Editorial Board members of Engineering and Management backgrounds we take the opportunity to thank all the speakers, delegates and participants for providing their valuable support and time for ICRTEM 2022.

Organizing Committee would like to thank the Moderator of the conference, and who contributed a lot for the smooth functioning of this event.

congratulates the Best Paper, Best paper Presentation awardees for their outstanding performance in the field of Engineering and Management, appreciates all the participants who put their efforts in poster presentations & Young Researchers form and sincerely wishes them success in future endeavours. We would like to thank the Dr.Sunitha HD, Professor & HOD, ECE, RR Institute of Technology for excellent coordination in organizing the conference.

11.CONFERENCE GLIMPSES





12.CONCLUSION SUMMARY

2nd ICRTEM 2022 was a success event organized by RR Institute of Technology and IFERP with a collective effort from host organization, Organization committee members and all participants. This event provided a learning experience to all and shape us to near future. We would like to conclude with Thanks one and all.

Our Associates



Conference Background



2nd International Conference on Research Trends in Engineering and Management

25th - 26th August 2022 | Virtual Conference

Organized by
R R Institute of Technology, Bangalore, India

In Association with
Institute For Engineering Research and Publication (IFERP)

