



Past Conference Report

International Conference on
**Advances in Science,
Engineering and Technology**
(ICASET-2021)
21st - 22nd May 2021

ORGANIZED BY



KSRM Institute of Technology, Andhra Pradesh & IFERP

INDEX

S. No	PARTICULARS	Page No
1	EVENT SUMMARY	2
	1.1 Overview	2
	1.2 Conference Themes	2
2	ABOUT THE CONFERENCE	3
3	CONFERENCE SCOPE	3
4	INAUGURAL PROGRAMME	4
	4.1 Welcoming and opening ceremony	4
	4.2 Keynote and tutorial speeches	8
5	CONFERENCE ORGANIZING COMMITTEE	12
6	SCIENTIFIC PROGRAM	16
	6.1 Technical Sessions	17
7	SURVEY ANALYSIS	29
	7.1 Registered Statistics	25
8	VALIDICTORY	31
9	VOTE OF THANKS	32
10	CONFERENCE GLIMPSES	32
11	CONCLUSION SUMMARY	34

1. EVENT SUMMARY

Conference Name	: International Conference on Advances in Science, Engineering and Technology (ICASET-2021)
Date	: 21 st - 22 nd May 2021
Conference Theme	: Foster and propagate rational expertise in the field of Science, Engineering and Technology
Auspice Organizations	: KSRM College, Kadapa & IFERP
Mode/Place	: Virtual Conference

1.1 Overview

International Conference on Advances in Science, Engineering and Technology (ICASET-2021) held on the 21st -22nd May 2021 which was Organized by KSRM College, Kadapa in Association with the Institute for Engineering Research and Publication (IFERP).

Participating to this conference represents a way of inter-personal and inter-institutional communication based on research themes specific to the modern trends of the Science, Engineering and Technology and education domain, but also to the connection domains, having implications focused on the improvement of the qualitative level of the academic environment reflected in the direction of scientific research, science, Engineering, physical education, health and social environment.

The conference represents an occasion of international interest that is addressed to the Science, Engineering, Social Science and education, but also to the professionals from connection domains who, by their contributions may provide a multidisciplinary communication framework.

Call for Paper

Engineering

Science

Technology

1.2 Conference Theme

International Conference on Advances in Science, Engineering and Technology (ICASET-2021) is themed about the distinct distinguished consequences and different hurdles in the fields of engineering, social sciences and humanities. This convention seeks to draw together executives, researchers, scholars, and academics in all areas of economics, business management, social sciences and humanities, to provide a global platform for the distribution of significant investigative results, distinguished approaches, and developmental applicability that focus on both modern methods and innovative approaches.

This convention will focus on strikingly advanced conditions in the distinguished developments of engineering, social sciences and humanities and is foreseen to attract renowned experts from these specialties as well as lesser-known domains too. Participating in this conference will support participants and attendees in contemplating their proficiency to sharpen their abilities and improve their strategies using innovative approaches by interlacing with their associates and equals. Participants will likewise be allowed to connect with experts and prominent lecturers and share popular ideas and research outcomes with them.

2. ABOUT THE CONFERENCE

The intent behind the multidisciplinary international conference is to provide a common platform, where academia, delegates from industry, and nominees from various Government and Private Universities and Institutions can sit together, and cherish achievements so far, as well as deliberate upon futuristic approaches along with major bottlenecks. The deliberations will not only encompass all avenues of Electrical, Electronics, Computer Science, and Information Technology, Biotechnology, Mechanical, Civil, Basic Science, Master of Business Administration (MBA) but also through a spotlight on the positive and inadvertent impact of modern technologies on society

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 an exchange of the intellect during the conduct of the conference. Furthermore, the activity intends to let the folks acquaint themselves 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, Biotechnology, Mechanical Engineering, Civil Engineering, Basic Science Engineering, Master of Business Administration (MBA) with valuable discussions to make the outcomes more realistic

3. CONFERENCE SCOPE

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

- Low-Power And Low-Leakage Design Techniques In Cmos Technology
- A Study On Pre-Timed And Vehicle Actuated Signal Control
- Image Detection In Noisy Images
- Investment Management And Trading Simulator App
- Assessment Of Appropriate Areas For The Establishment Of Solar Thermal Power Plant In Rajasthan.
- A Survey On Floating Solar Power System Plant

As a result, many Keynotes, 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. And then opening speech, welcoming speech were conducted.

Post to that, our valuable eminent keynote speakers from various parts of the country given their speeches followed by the technical session. On Day 1, technical sessions segregated as two sessions. Multiple technical participants were presented on Day 1 and completed the day 1 conference successfully.

The day 2 of the conference started by welcoming all participants, dignitaries and special guests followed by the technical participants. On Session 1 and 2, multiple technical participants had presented their views based upon the theme of conference. Post completion, our honorable dignitary delivered the Valedictory speech followed by Vote of thanks. All together the ICASET conference conducted on May 21st & 22nd was completed successfully.

4.1 Welcoming and Opening Ceremony

Welcoming Keynote Speakers of the International Conference on Advances in Science, Engineering and Technology (ICASET-2021)

Conference details speech was given by



Dr. M Venkatanarayana

Convener

Welcome speech from Technoarete group was given by



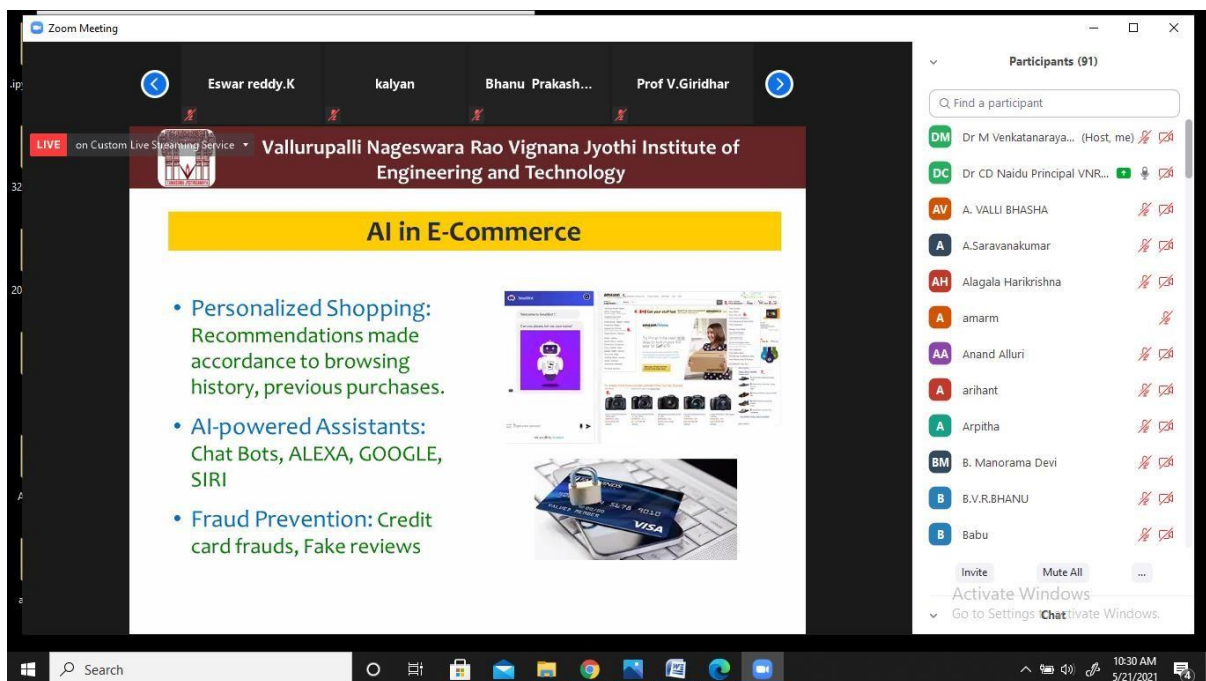
Rudra Bhanu Satpathy

Chief Executive Officer (CEO),

Technoarete Group

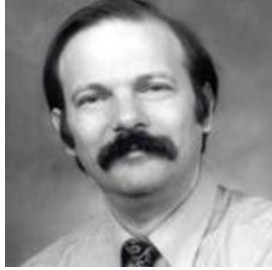
Our Chief Guest speech was given by

Prof. C.D. NAIDU., M.Tech., Ph.D., Princiapl, VNRVJIET, Hyderabad



Keynote Speakers

Followed by the welcoming speeches of our conference International Conference on Advances in Science, Engineering and Technology (ICASET-2021), we honourably invited our keynote speakers.



Prof. Moshe Vardi

Professor

Rice University

Texas, United States



Prof. Dr. Ernesto Damiani

Professor

Università degli Studi di Milano

Italy

Session chairs

Followed by welcoming our session chair of the International Conference on Advances in Science, Engineering and Technology . (ICASET-2021) Consist of the 4 sessions. Which is spitted into 2 per day

- Dr. Anil Kumar Vuppala., Associate Professor, ECE, IIT, Hyderabad
- Dr. B. Sudharshan Reddy Professor, Dept of CE, MREC (Autonomous)
- Dr. M. Ravi Shankar, Associate Professor, ME, IIT, Tirupati
- Dr. Sreedhar Madichetty, Senior Research Scientist,, Trinity college, Dublin
- Dr. B. Janaki Ramaiah Assistant Professor, Dept of CE, IIT, Tirupati
- Dr. M.V.Sankar, Prof. and Head, Dept of Materials Science and Nanotechnology
Yogi Vemana University, Kadapa

IFERP
connecting engineers... Analyzing worlds

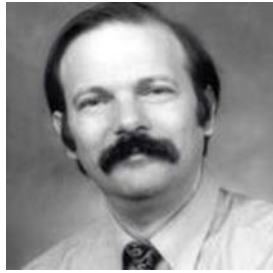
ICASET-2021
Virtual Conference

**INTERNATIONAL CONFERENCE ON
Advances in Science, Engineering and
Technology**

21st & 22nd May 2021
Andhra Pradesh

Organized by
K.S.R.M. College of Engineering
(Autonomous)
in Association with
Institute For Engineering Research and Publication (IFERP)

4.3 Keynote and Tutorial Speeches



Prof. Moshe Vardi

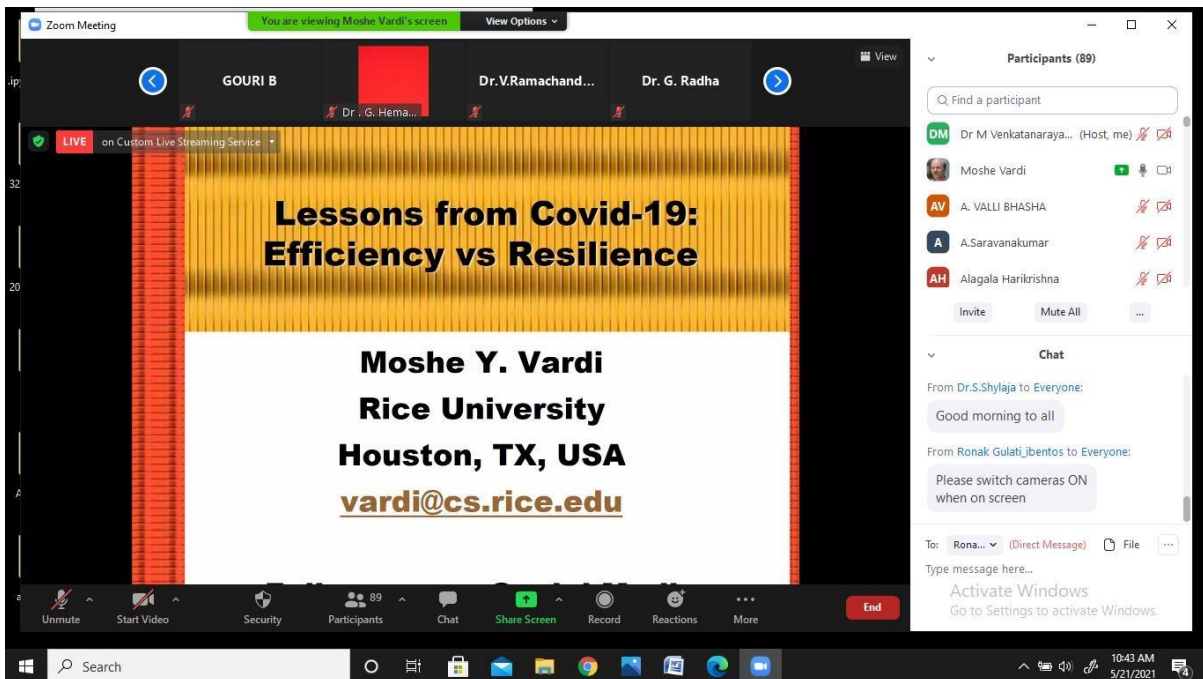
Professor

Rice University

Texas, United States

Biography:

Moshe Y. Vardi is a University Professor and the George Distinguished Service Professor in Computational Engineering at Rice University. He is the recipient of three IBM Outstanding Innovation Awards, the ACM SIGACT Goedel Prize, the ACM Kanellakis Award, the ACM SIGMOD Codd Award, the Blaise Pascal Medal, the IEEE Computer Society Goode Award, the EATCS Distinguished Achievements Award, the Southeastern Universities Research Association's Distinguished Scientist Award, and the ACM SIGLOG Church Award. He is the author and co-author of over 650 papers, as well as two books: Reasoning about Knowledge and Finite Model Theory and Its Applications. He is a Fellow of the American Association for the Advancement of Science, the American Mathematical Society the Association for Computing Machinery, the American Association for Artificial Intelligence, the European Association for Theoretical Computer Science, the Institute for Electrical and Electronic Engineers, and the Society for Industrial and Applied Mathematics. He is a member of the US National Academy of Engineering and National Academy of Science, the American Academy of Arts and Science, the European Academy of Science, and Academia Europaea. He holds seven honorary doctorates. He is currently a Senior Editor of the Communications of the ACM, after having served for a decade as Editor-in-Chief.







Zoom Meeting

Alagala Harikris... Kadiri Suresh K... Swetha

LIVE on Custom Live Streaming Service

جامعة خليفة Khalifa University

Participants (81)

Find a participant

- Moshe Vardi
- ND N.J.Pramod Dhinakar
- N7 nokia 7 plus
- P6 P.Jayavardhana 6E
- PR Paladi Rajendra Kumar
- P Pavan Kumar
- Pavan Kumar Palagiri
- P pooja
- P Pravalika
- P Principal
- PV Prof V.Giridhar
- RV R V SREEHARI

Invite Mute All

Activate Windows

Go to Settings Chativate Windows.

Search

11:09 AM 5/21/2021



Prof. Dr. Ernesto Damiani
Professor
Università degli Studi di Milano
Italy

Biography:

Dr. Ernesto Damiani is the Senior Director of Robotics and Intelligent Systems Institute at Khalifa University, Abu Dhabi, UAE. He is also Director of the Khalifa University Center for Cyber Physical Systems (C2PS). Dr. Damiani is the Chair of the Information Security Program and a Research Professor in EBTIC. He leads the SESAR research lab at the Department of Computer Science, Università degli Studi di Milano, Italy. He is also the President of the Italian Consortium of Computer Science Universities (CINI). Ernesto's research interests include secure service-oriented architectures, privacy-preserving Big Data analytics and Cyber-Physical Systems security.

UNCERTAINTY REPRESENTATION

- ▶ **Frequentistic probability** of E:
 - ▶ # of occurrences of E / total # of occurrences
- ▶ **Geometric probability**
 - ▶ Ratio of geometric measures
 - ▶ Suitable for temporal uncertainty as well if there is a common time base

A point is chosen randomly on RD. Find the probability of each event.

1. The point is on \overline{RA} .
$$P(\overline{RA}) = \frac{RA}{RD} = \frac{7}{12}$$

2. The point is **not** on \overline{RE} .
$$P(\text{not } \overline{RE}) = 1 - P(\overline{RE}) = 1 - \frac{RE}{RD}$$
$$= 1 - \frac{4}{12} = \frac{8}{12} = \frac{2}{3}$$

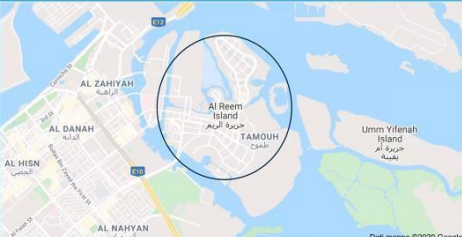
Activate Windows
Go to Settings to activate Windows.

Zoom Meeting

Dr M Venkatana... Ernesto Damiani Ronak Gulati ib... Khizar


LIVE on Custom Live Streaming Service

USING MAPS AS SPINNERS



Bayesian spinner: complemented with cell triangulation as a prior, or with motion data

Use the spinner to find the probability of each event.



- Landing on red

$$P = \frac{80}{360} = \frac{2}{9}$$
- Landing on purple or blue

$$P = \frac{75+60}{360} = \frac{135}{360} = \frac{3}{8}$$
- Not landing on yellow

$$P = \frac{360-100}{360} = \frac{260}{360} = \frac{13}{18}$$

Participants (68)

Find a participant

- DM Dr M Venkatanarayana (Me)
- G Gomathi Kalaimani (Host)
- ED ernesto damiani
- AV A. VALLI BHASHA
- A A.Saravanakumar
- A amarm
- A arihant
- A Arpitha
- BM B. Manorama Devi
- B B.V.R.BHANU
- S Ch. Santosh Kumar
- DR Dodda Ravikanth
- AD Arjuna Kumar

Go to Settings to activate Windows. Invite Unmute Me Raise Hand

11:37 AM 5/21/2021

5.CONFERENCE ORGANIZING COMMITTEE

CHIEF PATRON

- Sri. K. Raja Mohan Reddy Chairman KSRMCE

PATRONS

- Smt. K. Rajeswari Correspondent KSRMCE
- Sri. K. Madan Mohan Reddy Vice-Chairman KSRMCE
- Sri K. Chandra Obul Reddy Member KSRMCE

PRESIDENT

- Prof. A. Mohan Director KSRMCE

CHAIRMAN

- Dr.V.S.S. Murthy Principal KSRMCE

CONVENER

- Dr. M. Venkatanarayana Dean, CRI KSRMCE

Co-ORDINATORS

- Dr. D. Arun Kumar Assistant Professor – ECE, KSRMCE
- Sri S. Khaja khizar, Assistant Professor – CSE, KSRMCE
- Dr. D. Babu, Assistant Professor – ME, KSRMCE
- Dr. P. Bhanu Prakash Assistant Professor – ME KSRMCE
- Dr. T. Mariprasath Assistant Professor – EEE KSRMCE
- Dr. S. Zahiruddin Assistant Professor – ECE KSRMCE
- Dr. P. Kishore Kumar Reddy Assistant Professor – CE KSRMCE
- Sri. P. Rajendra Kumar Assistant Professor – CE KSRMCE
- Sri.N.J.Pramod Dinakar Assistant Professor – CSE KSRMCE

PROGRAM CHAIR

- Dr. M. Venkatanarayana Dean, CRI KSRMCE

ORGANIZING COMMITTEE

- Dr. M. Srinivasulu HoD – CSE KSRMCE
- Dr. G. Hemalatha HoD – ECE KSRMCE
- Dr. D. Ravikanth HoD – ME KSRMCE
- Dr. G. Srinivasula Reddy HoD – CE KSRMCE
- Dr. K. Amaresh HoD – EEE KSRMCE

- Dr. I. Sreevani HoD – HS KSRMCE

Advisory Board

- Dr. M. Vijaya Kumar, Professor, EEE, JNTUA
- Dr. N. Visali, Professor, EEE, JNTUCE, Kalikiri
- Dr. G. Yesurathnam, Professor, EEE, Osmania University, Hyderabad
- Dr. T. Gowri Manohar, Professor, EEE, SVU, Tirupathi
- Sri C. Sri Rama Chandra Murthy, DE, APTRANSCO, KDP
- Sri J. V. L. Satya Narayana, DM, NREDCAP, KDP
- Dr. Shaik Rafi Ahamed, Associate Professor, IITG
- Dr. M. Ravi Sankar, Associate Professor, IIT, Tirupati
- Dr. S. Varadarajan, Professor, ECE, SVUCE
- Dr. T. Kishore Kumar, Professor, ECE, NITW
- Dr. M.N. Giri Prasad, Professor in ECE, JNTUA
- Dr. P. Ramana Reddy, Professor in ECE, JNTUA
- Dr. T. Jayachandra Prasad, Principal, RGM CET, Nandyal
- Dr. S. Vasundra, Professor & HOD, CSE
- Dr. C. Shoba Bindu, Professor & Director, R & D
- Dr. A. Ramamohan Reddy, Professor , SVUCE, Tirupathi
- Dr. U.S.N. Raju, Assistant Professor, NIT Warangal
- Dr. V. Anil Kumar, Assoc. Prof., IIIT, Hyd
- Dr. Deepak Garg, Professor, CSE, Bennet University, Delhi

National Advisory Committee:

- Dr A. Sudhakar, Professor & Head, EEE, Marri Laxman Reddy Institute Of Technology, Hyderabad, Andhra Pradesh, India
- Dr. Dola Sanjay. S. Professor & Principal, It, Ramachandra College Of Engineering, Eluru, Andhra Pradesh, India
- Dr. P. Prathusha, Professor, CSE, Gates Institute Of Technology, Andhra Pradesh, India
- Dr Nagaveni V, Professor, CSE, Acharya Institute Of Technology, Karnataka, India
- Dr. Swapnil Laxman Lahudkar, Dean & Professor, Academics And Electronics & Telecommunication, Jspm's Imperial College Of Engineering & Research, Maharashtra, India
- Dr. A S N Chakravarthy Professor, CSE, Jntuk-University College Of Engineering Vizianagaram, Andhra Pradesh, India

- Dr. Akella Srinivasa Rao, Professor & Head,Cse, Andhra Loyola Institute Of Engg. &Technology, Andhra Pradesh, India
- Dr. Balakrishnan. S, Professor & Head,Computer Science And Business Systems
- Sri Krishna College of Engg & Technology, Tamil Nadu, India
- Dr. Balamuralikrishna Potti, Dean,R&D, Chalapathi Institute Of Technology, Guntur, Andhra Pradesh, India
- Dr. Balasubramani R, Professor,It, Nmam Institute Of Technology, Karnataka, India
- Dr. Basant Kumar Verma, Professor,Cse, G.H. Rasoni College Of Engineering,, Maharastra
- Dr. Ch. Hari Govinda Rao, Dean,Internal Quality Assurance, Vignan's Institute Of Information Technology, Andhra Pradesh, India
- Dr. Dharmiah. Devarapalli., Professor,Cse, Shri Vishnu Engineering College For Women, Bhimavaram, Andhra Pradesh, India
- Dr. Farooq Sunar Mahammad, Associate Professor & Head,Cse, Santhiram Enineering College Anantapur
- Dr. G. V. K. Murthy, Director,Iqac, Pace Institute Of Technology & Sciences, Andhra Pradesh, India
- Dr. G. Venkata Rao, Professor,Civil, Vignan's Institute Of Information Technology, Andhra Pradseh, India
- Dr. M V Bramhananda Reddy, Principal,It, Narayanadri Institute Of Science And Technology, Hyderabad, India
- Dr. Md. Abid Ali, Professor & Head,Mechanical, Pscmr College Of Engineering, And Technology, Andhra Pradesh, India
- Dr. Mrs.K. Ramani, Professor & Head,It, Sree Vidyanikethan Engg. College (Autonomous), Andhra Pradesh
- Dr. Nagamalleswara Rao Gujjar, Professor & Principal,Mechanical, Eswar College Of Engineering, Andhra Pradesh, India
- Dr. Nihar Ranjan Panda, Principal, Sanketika Vidya Parishad Engineering College Andhra Pradseh, India
- Dr. Nilesh R. Kharche Professor,Marketing Managementbalaji Institute Of Telecom And Management, Tathawade, Pune, India
- Dr. P.A.Harshavardhini, Professor,Ece, Vignan Institute Of Technology And Science, Hyderabad, India
- Dr. Sandeep Malik, Professor,Cse, Oriental University Indore, (Madhya Pradesh), Madhya Pradesh, India
- Dr. Sangapu Venkata Appaji Professor,Cse Kkr And Ksr Institute Of Technology And Sciences Andhra Pradesh, India

- Dr. Sanjay Pandem.B., Professor,Cse, G M Institute Of Technology, Davangere, Karnataka, India
- Dr. Shaik Altaf Hussain Basha Professor,Cse Chalapathi Institute Of Engineering & Technology (Ciet) Andhra Pradesh, India
- Dr. Srinivasa Rao Balasani Professor & Head,Eee Visakha Institute Of Engineering & Technology, Andhra Pradesh, India
- Dr. Surya Narayan Dash, Professor & Head,Chemical Engineering, Gmrit, Rajam Andhra Pradesh, India
- Dr. V. Vijaya Kishore, Professor,Ece, Ravindra College Of Engineering For Women, Kurnool, India
- Dr. Vishal Datt. V. Kohir, Professor,Mechanical, Kbn University, Karnataka, India
- Dr.G.Vasanti, Professor & Head,Basic Science And Humanities, Aitam , Tekkali, Andhra Pradesh, India
- Dr.Gundupagi Manjunath Principal, Bheemi Reddy Institute Of Management Science, Andhra Pradesh, India
- Dr.Kokkilagadda Phaninder Vinay, Professor & Head,Ece, Raghu Engineering College, Andhra Pradesh, India
- Dr.M.Humera Khanam, Professor,Cse, Sri Venkateswara University College Of Engineering, Andhra Pradesh, India
- Dr.M.Vijaya Sekhar Reddy, Assistant Professor & Head,Civil, Srikalahasteeswara Institute Of Technology, Andhra Pradesh, India
- Dr.P.Oliver Jayaprakash, Professor,Civil Engineering, Sethu Institute Of Technology (Autonomous),Tamil Nadu, India
- Dr.R.Shantha Selvakumari Senior Professor,Ece, Mepco Schlenk Engineering College, Sivakasi, Tamil Nadu, India
- Dr.Raffi Mohammed, Professor,Mechanical, Ramachandra College Of Engineering, Andhra Pradesh, India
- Dr.Sudarshan Rao K Professor,Mechanical Engg Smvitm Bantakal Karnataka, India
- Dr.Vejendla.Lakshman Narayana, Associate Professor & Head,Cse Vignan's Nirula Institute Of Technology And Science For Women, Andhra Pradesh, India
- K.Sujatha Professor,Eee Dr. M.G.R Educational & Research Institute Tamil Nadu, India
- Murali A, Associate Professor,Ece Miracle Educational Society Group Of Institutions, Andhra Pradesh, India
- Dr.K.Narasimhaiah Achari, Associate Professor & Head,Eee, Srinivasa Ramanujan Institute Of Technology, Andhra Pradesh, India

- Dr. B. Santhosh Kumar, Professor,Cse, Guru Nanak Institute Of Technology, Telangana, India
- Dr. Chaluvadi. V. Raghavendran, Professor,It, Aditya College Of Engineering And Technology, Andhra Pradesh, India
- Dr. G. Maruthi Prasad Yadav, Professor & Head,Mechanical, Chadalawada Ramanamma Engineering College, Andhra Pradesh, India
- Dr. K P R A S A N N A, Associate Professor & Head,It, Annamacharya Institute Of Technology And Sciences, Andhra Pradesh, India
- Dr. Khasim Syed, Vice Principal & Head,Cse, Eswar College Of Engineering Andhra Pradesh, India
- Dr. Rameshwar Shankarrao Kawitkar, Professor,E&Tc Engineering, Sinhgad College Of Engineering, Pune, India
- Dr. S. M. Murali Krishna, Professor,Management Studies, Vignan Institute Of Information Technology, Andhra Pradesh, India
- Dr. Tata Nancharaiah, Professor & Head,Mechanical Engg, Bapatla Engineering College, Andhra Pradesh, India
- Nagarani, Professor & Head,Mathematics And Humanities, Sri Ramakrishna Institute Of Technology, Tamil Nadu, India
- Dr. G Charles Babu, Professor,Cse, Malla Reddy Engineering College (Autonomous), Hyderabad, India

6.SCIENTIFIC PROGRAM

Day	Session	Department
Day 1	Session 1: Link 1 (FN)	CSE/ECE
	Session 2: Link 2 (FN)	Civil
	Session 3: Link 3 (AN)	ME/Management/Bio Technology / Others
	Session 4: Link 4 (AN)	ECE/EEE
Day 2	Session 5: Link 2 (FN)	Civil
	Session 6: Link 3 (FN)	Maths/Physics/Chemistry/Biochemical

Technical Session I

Department Of CSE/ ECE

S.No	Time	Paper Title	Author Name	Co Author Name
1	11.15 Am - 11.25 Am	Identifying Parkinson's Disease Using Xgclassifier On Gait Analysis	Monika Sree Velampudi	Dr. R. Ramalakshmi
2	11.26 Am - 11.35 Am	An Optimization Of Image Enhancement And Segmentation Using Pso On Pap Smear Images	Jaya	Latha
3	11.36 Am - 11.45 Am	Identifying And Differentiating Pseudo Reviewer Groups In Online Product Reviews	Ramakanth Maddineni	Shreya Sahu , Adith R Babu
4	11.46 Am - 11.55 Am	Crime Analysis And Prediction Against Women Using Logistic Regression And Roc Methods	P.Tamilarasi	Dr. R.Uma Rani
5	11.56 Am - 12.05 Pm	A Lightweight Stemmer For Telugu Of Indian Language	Madri Vijaya Raju	Dr.M.Sreenivasulu
6	12.06 Pm - 12.15 Pm	Affine Transform Assisted Firefly Algorithm In Image Registry To Mri And Ct Brain Images	B. Suresh Babu	Dr. M.Venkata Narayana
7	12.16 Pm - 12.25 Pm	A Real-Time Implementation For The Speech Steganography Using Short-Time Fourier Transform For Secured Mobile Communication	Dr Rajeev Shrivastava	Subrahmanya Raviteja
8	12.26 Pm - 12.35 Pm	Sub-Threshold Voltage Operated High Speed Domino Logic Or And And Gates	Shrivastava Komal	Parul Garg , Syed Zahiruddin, And Avireni Srinivasulu
9	12.36 Pm - 12.45 Pm	Gsm Based Intruder Alert And Smoke Detection System	Ch.Radha Samalamkrutha	Dr.D.Eswara Chaitanya, J.Kavyasree , B.Durgaprasad Naik, D.Mukesh Kumar

10	12.46 Pm - 12.55 Pm	Comparative Analysis Of Cntfet Based Sram Cells	Aswini Valluri	Sarada Musala
11	12.56 Pm - 1.05 Pm	A Sense Amplifier Based Modified Low Voltage Two Stage Flip-Flop With Cntfets	Parul Garga	Komal Shrivastavaa , Avireni Srinivasulua,* Jyothi Sharmab
12	1.06 Pm - 1.15 Pm	Power Rail Esd Protection Design Methodology Using Voltage-Gain Inverter Based Feedback Technology	Kavita Unnikrishnan	Avireni Srinivasulu
13	1.16 Pm - 1.25 Pm	An Ensemble Based Hybrid Feature Selection Method For Speech Emotion Recognition	Kesava Rao Bagadi	Chandra Mohan Reddy Sivappagari

Technical Session II

Department Of Civil Engineering

S.No	Slot Time	Paper Title	Author Name	Co Author Name
1	11.15 Am - 11.25 Am	Behaviour Of Rc Beam With The Combination Of Nse Frcm & Eb Frcm	Rahul Krishnaji Bawane	Rakhil Elizabeth
2	11.26 Am - 11.35 Am	Strengthening Of Reinforced Concrete Flat Slabs	Dr.D.Babu	Deepa Joseph
3	11.36 Am - 11.45 Am	Response Spectrum Analysis Of G+5 Story Building With Different Types Of Stair Cases	Mr. Harikrishna	
4	11.46 Am - 11.55 Am	Paper Title	Bhanu Prakash Palampalle	T. Raghavendra
5	11.56 Am - 12.05 Pm	A Generalized Study On Frp Cable Based Progressive Collapse Mitigation Technique For R.C Beam	R.Saravanan Sathiya Prabhahar	Dr. Beena K P
6	12.06 Pm - 12.15 Pm	Behaviour Of Steel Beams Under Localized Fire	B. Varun Kumar	Prince George
7	12.16 Pm - 12.25 Pm	Effectiveness Of Composite Slim Floor Beams With Dowel Shear Connection	M. Shilpa	Mariamol Kuriakose
8	12.26 Pm - 12.35 Pm	Shear Bond Behaviour Of Composite Slab With Profiled Steel Deck And Ecc	Soniya John	Asha Alice Kulavattam
9	12.36 Pm - 12.45 Pm	Thermal Analysis Of Prefabricated Building Using Pcm (Phase Change Materials)	Anaya John	Rakhi Elizabeth Thankachan
10	12.46 Pm - 12.55 Pm	Study On Behaviour Of Cfst Column Wrapped With Sfrp Sheets	Meera Mary Thomas	Rakhi Elizabeth Thankachan

11	12.56 Pm - 1.05 Pm	Study Of Different Ecc Beam Column Joints	Parvathi Rajeev	Dalmiya Rajan
12	1.06 Pm - 1.15 Pm	Nonlinear Buckling Analysis Of Double Skin Composite Column With Different Frp Wrapping Scheme	Neethu Robin	Neethu Joseph
13	1.16 Pm - 1.25 Pm	Analysis Of Cable Stayed Bridge Under Vehicular Load Using Ansys	Ashika Jose	Dalmiya Rajan
14	1.26 Pm - 1.35 Pm	Optimization Of Wind Turbine	Irene Chinnu George	Manish Jose

Technical Session III

Department Of ME / Others

S.No	Slot Time	Paper Title	Author Name	Co Author Name
1	1.15 Pm - 1.25 Pm	Behavior Change Of Diesel Engine Fueled With Calophyllum Oil Biodiesel Blend Under 150 Hours Endurance Test	Rahul Krishnaji Bawane	Chetan Choudhary
2	1.26 Pm - 1.35 Pm	An Experimental Investigation On Combustion Behavior Of Moringa Oleifera Biodiesel-Diesel- Carbon Black Water Emulsion Blends In Agricultural Diesel Engine	Dr.D.Babu	Selvakumar Ramalingam, D. Ravikanth, K. Sureshkumar, U. Pradeepkumar, V. Sathiyamoorthy
3	1.36 Pm - 1.45 Pm	Experimental Investigation On Greenhouse Emissions Reduction In Diesel Engine Fuelled With Moringa Oleifera Biodiesel-Diesel- Carbon Black Water Emulsion Blends	Mr. Harikrishna	D. Babu, P. Sreenivas, J. Suresh Babu, Bhanu Prakash Palampalle, S. Chandra Sekhar
4	1.46 Pm - 1.55 Pm	An Moora And Waspas Methods Application For Optimal Material Selection From Aluminium Graphene Nano Platelets Composites	Bhanu Prakash Palampalle	D Ravikanth, D Merwin Rajesh, B Devika And D Babu
5	1.56 Pm - 2.05 Pm	Application Of Bio Oil And Biochar Obtained From Biomass Pyrolysis In Composite	R.Saravanan Sathiya Prabhahar	R.Saravanan
6	2.06 Pm - 2.15 Pm	Analysis For Reduced Order Observer Design In Wide Area Control Of Interconnected Power System	B. Varun Kumar	D.S.G.Krishna S. Poornima
7	2.16 Pm - 2.25 Pm	Recent Trends In Smart Materials - An Overview	M. Shilpa	M.Shilpa, Pavankumar M V, Shreyansh S, Kunal J, Aadarsh B
8	2.26 Pm - 2.35 Pm	Control Charts Based On The Weighted Power Lindley Distribution	D.Venkatesan1	Jaimole V.M.2 Kulavattam
9	2.36 Pm - 2.45 Pm	Intelligent Road Lightning Design Using Wireless Sensor Network	Sreekantha.B	Rakheebea Taseen , Shruthi K C ,Priyanka K
10	2.46 Pm - 2.55 Pm	Effect Of Co Content On Corrosion Behavior Of Cocrfemnni High Entropy Alloy	Sudeep Kumar	Akshay Mithare 2 , Sushil Yebaji 2 , Shanmugasundaram T.

11	2.56 Pm - 3.05 Pm	Micelle Mediated - Kinetic Study Of Oxidation Of Xanthine Derivatives By Ru(III) In Acetonitrile	Shylaja	Dr.P.Muralikrishna, Dr.M.Rama Devi And Dr.M.Kalyani
12	3.06 Pm - 3.15 Pm	To Identify Neuroprotective Potential Of Anti-Diabetic Drugs For Alzheimer's Disease (Type II Diabetes).	Vanshika Arora	Prof. Pravir Kumar

Technical Session IV

Department Of EEE/ECE

S.No	Slot Time	Paper Title	Author Name	Co Author Name
1	1.15 Pm - 1.25 Pm	Fast Algorithm For Intra Frame Partition-Prediction Using Dual Tree Complex Wavelets For HEVC Encoding And Decoding	V MADHURIMA	Dr.K Padmapriya
2	1.26 Pm - 1.35 Pm	Online Signature Recognition Using Multilayer Perceptron Model	Maheshkumar B. Landge	Dr. C. Namrata Mahender
3	1.36 Pm - 1.45 Pm	Weather Prediction Using Advanced Machine Learning Techniques	Dr. DASARI ARUN KUMAR	Dr. G. HEMALATHA, Dr. K. SRINIVASA RAO
4	1.46 Pm - 1.55 Pm	CURVELET TRANSFORM BASED DENOISING OF MULTISPECTRAL REMOTE SENSING IMAGES	P.LOKESHWARA REDDY	:Dr. S.L.PRATHAPA REDDY
5	1.56 Pm - 2.05 Pm	Intelligent System For Fault Diagnosis Of Auto Mobile Engine By Using Off-Board Digital Analyzer.	S. Munawar Ali	N. Radha Krishna P.Krishna Teja Yadav
6	2.06 Pm - 2.15 Pm	Face Mask Detection Using Machine Learning	Md Sayeed	Hemanth AM, Chethan MS, Mrs. Manasa KR
7	2.16 Pm - 2.25 Pm	Automatic Classification Of Cardiac Arrhythmias Based On ECG Signals Using Transferred Deep Learning Convolution Neural Network	P.GIRIPRASAD	GADDAM A SANJEEVA REDDY, R.V.SREEHARI
8	2.26 Pm - 2.35 Pm	Remote User Authentication Key Protocol For Security Establishment Of A Smart Home Environment	Shagamreddy Vasanth Reddy	Mulli Eswara Prasad , Bhukya Arun Kumar
9	2.36 Pm - 2.45 Pm	Automatic detection of the coronavirus Disease(Covid-19)By using x-Ray images and deep Convolutional neural networks	UMESH CHANDRA LINGAYATH	S Raviteja Reddy

10	2.46 Pm - 2.55 Pm	Accident & Alcoholic Detection Surveillance Robot	M.Rajani Devi	V.Jyothi
11	2.56 Pm - 3.05 Pm	Power Quality Enhancement On Distribution Systems Using UPQC	K Kalyan Kumar	Saleha Tabassum
12	3.06 Pm - 3.15 Pm	An Experimental Analysis Of Degradation Of Cellulosic Insulating Material Immersed In Natural Ester Oil For Transformer	CH Hussaian Basha	T.Mariprasath
13	3.16 Pm – 3.25 Pm	A Novel Reference Current Extraction Technique With Two-Step Horizon Optimal Switching Vector - Model Predictive Control For Shunt Active Filter	KUMAR REDDY CHEEPATI	K Amaresh
14	3.26 Pm - 3.35 Pm	Analysis Of Microgrid System With Photovoltaic Array	N.SIDDHK	K.Ramamohan Reddy
15	3.36 Pm - 3.45 Pm	Commutation Torque Ripple Suppression Strategy For NIBFE Fed BLDC Motor.	Reenamol Robert	Sandhya P
16	3.46 Pm - 3.55 Pm	Enhancement In The Quality Of Power Of A Grid Tied Solar PV System Using Recursive Digital Filter Based Control	T. Naresh	S. Khadarvali

Day 2: 22nd May 2021

Technical Session V

Department Of Civil Engineering

S.No	Slot Time	Paper Title	Author Name	Co Author Name
1	10.15 Am - 10.25 Am	Regression Analysis On Compaction Characteristics Of Sand Clay Soils	Gondiparla Jagadeesh	V.Giridhar, P. Rajendra Kumar
2	10.26 Am - 10.35 Am	Thermal Buckling Of Functionally Graded Cylindrical Vaults	Alphonsa Antony,	Neethu Joseph
3	10.36 Am - 10.45 Am	Web Crippling Behaviour Of Lipped Channel Beam Under One Flange Loading	Riya Abraham,	Deepa Joseph
4	10.46 Am - 10.55 Am	Strength Analysis Of Layered Sandwich Beam	Mariya Mathew	Deepa Joseph
5	10.56 Am - 11.05 Am	Nonlinear Buckling Analysis Of Laminated Composite Twisted Plates	Amala Sebastian	Manish Jose
6	11.06 Am - 11.15 Am	Stress Analysis Of Buried Damaged P.E Gas Pipe	Dani Jacob	Prince George
7	11.16 Am - 11.25 Am	Analysis Of Truss Bridge And Cost Optimization By Using Hollow Sections	Arunima Satheesh	Manish Jose
8	11.26 Am - 11.35 Am	Pitting Corrosion In Steel Plate	Sethulakshmi Km	Bennet Kuriakose
9	11.36 Am - 11.45 Am	Seismic Performance Of Fire Exposed Steel Box-Column To H-Beam Connection	Amalu Ravi	Asha Alice Kulavattam
10	11.46 Am - 11.55am	Thermal Analysis Of Cold-Formed Steel Column	Theertha P S	Asha Alice Kulavattom

11	11.56 Am - 12.05 Pm	Evaluation Of Strength Characteristics Of Structural Lightweight Concrete Reinforced With Micro Steel Fibers	Mithra M	Dr.I.Padmanaban
12	12.06 Pm - 12.15 Pm	State -Of -Art On Materials For 3d Concrete Printing	E.Swethan	G.Gowtham
13	12.16 Pm - 12.25 Pm	Behavior Of Slab - Column Joint Under Lateral Cyclic Loading	K.N.Suganya Natarajan	
14	12.26 Pm - 12.35 Pm	Compressive Strength Of Lattice Structure Using Fea – A Review	Amal Thankachan	S Muthulakshmi
15	12.36 Pm - 12.45 Pm	Performance Of Strength And Moduli Characteristics Of Ceramic Waste Aggregate Concrete (Cwac)	Valikala Giridhar	Hunchate Sudarshana Rao . P.Rajendra Kumar
16	12.46 Pm - 12.55 Pm	Water Budget Estimation In Water Resources Management In Drought Prone Areas In Rayalaseema Region, South India	Dr.T. Kiran Kumar	K. Niveditha
17	12.56 Pm - 01.05 Pm	A New Approach To Single Chambered Microbial Fuel Cell For Procreation Of Bioenergy In The Treatment Of Sugar And Dairy Wastewater	Sunil Umachagi	Mahantesh N Paruti, Miryala Vijayakumar
18	01.06 Pm - 01.15 Pm	A Study On Pre-Timed And Vehicle Actuated Signal Control	Sadguna Nuli	Rishitha Buggaveeti

Technical Session VI :

Department Of Maths / Physics / Chemistry / Bio Chemical

S.No	Slot Time	Paper Title	Author Name	Co Author Name
1	10.15 Am - 10.25 Am	Study On Acoustic And Volumetric Properties Of Binary Liquid Mixtures Of Sulfolane With N-Pentylamine, 2-Aminopentane And 3-Amino Pentane At 303.15k. An Insight From Physicochemical Parameters	Murali Krishna	Dr.S.Shylaja, Dr.M.Rama Devi And M.Amarnath
2	10.26 Am - 10.35 Am	Kinetic And Thermodynamic Studies Of Sorption For Toxic Heavy Metal Cr (Vi) Ion On Bentonite Clay From Wastewater	Priyanka Rathore	
3	10.36 Am - 10.45 Am	Synthesis Of Bulk And Nano Sized Nbtip 3 O 12 At Low Temperature Using Sol-Gel Technique	Dr. M. Rama Devi	Dr. S. Shylaja, Dr. P. Muralikrishna
4	10.46 Am - 10.55 Am	Parametric Analysis And Optimization For Proton Exchange Membrane (Pem) Fuel Cell Using Design Of Experiments Technique	Dr. Shaik Shadulla	Dr. M. Gangadhar
5	10.56 Am - 11.05 Am	Synthesis Of Novel Phosphorylated Derivatives Of (R)-1-(6-Amino-9h-Purin-9-Yl) Propan-2-Ol And Their Antiviral Activity	K. Venkata Ramana	I. Sreevani A , C. Naga Raju B K. Venkata Subbaiah
6	11.06 Am - 11.15 Am	Correlation Of Pico-Capacitance, Nano-Inductance And Frequency Of Advanced Materials With Emerging Pico Technology	Dr. Alla Srivani,	Dr Charugundla Nagarathnamaiah, Syed Beeban Basha,Praveen Kumar Namburu, Dasari Sreedhar
7	11.16 Am - 11.25 Am	Cdk Inhibition As A Key Regulator Of Aberrant Cell Cycle Re-Entry For Targeting Alzheimer's Disease	Nishtha Malhotra	Prof. Pravir Kumar
8	11.26 Am - 11.35 Am	Structural, Optical And Magnetic Properties Of Fe 3+ Doped Cdo/Zns Nanocomposites	Dr. R. Joyce Stella	Sreevani , Dr. G. Thirumala Rao, Dr. R.V.S.S.N.

				Ravikumar
9	1.36 Am - 11.45 Am	Analysis Of Heavy Metals In Two Fish Species (In-Vivo) Of Dal Lake-Kashmir (India)	Juhi Firdous	Yatindra Kumar Mathur, 3 Mubashir Jeelani
10	11.46 Am - 11.55 Am	Production Of Xylanase From Agro Residues	Lucky Dubey	Lalit Kumar Singh
11	11.56 Am - 12.05 Pm	Production Of Recombinant Protein In Mammalian Cell Culture: Process Monitoring And Media Optimization	Mangalam Bajpai	Lalit Kumar Singh
12	12.06 Pm - 12.15 Pm	Utilization Of Agri-Residue Corncob For The Production Of Xylitol	Kopal Jain	Lalit Kumar Singh
13	12.16 Pm - 12.25 Pm	Production Of Bioethanol From Sugarcane Bagasse Using Saccharomyces Cerevisiae	Gauri Dixit	Brajesh Singh And Dilip Kumar
14	12.26 Pm - 12.35 Pm	Production Of Bio-Ethanol From Banana Peel By Simultaneous Saccharification And Fermentation Process Using Co-Cultures Saccharomyces Cerevisiae And Aspergillus Niger .: A Review	Akshita Rai	Brajesh Singh And Dilip Kumar
15	12.36 Pm - 12.45 Pm	Cyanobacteria: A Primary Source Of Bio-Fertilizer For Crops In Agriculture	Dharm Singh	Brajesh Singh
16	12.46 Pm - 12.55 Pm	Decolorization Potential Of Laccase Derived From Pleurotus Ostreatus	Shruti Chauhan	Lalit Kumar Singh

7.SURVEY ANALYSIS

Overall papers based on the Country.

Overview:

Total Abstracts accepted: 196

Accepted: 154

Registered: 99

For conference: 66

For Conference + Publication: 29

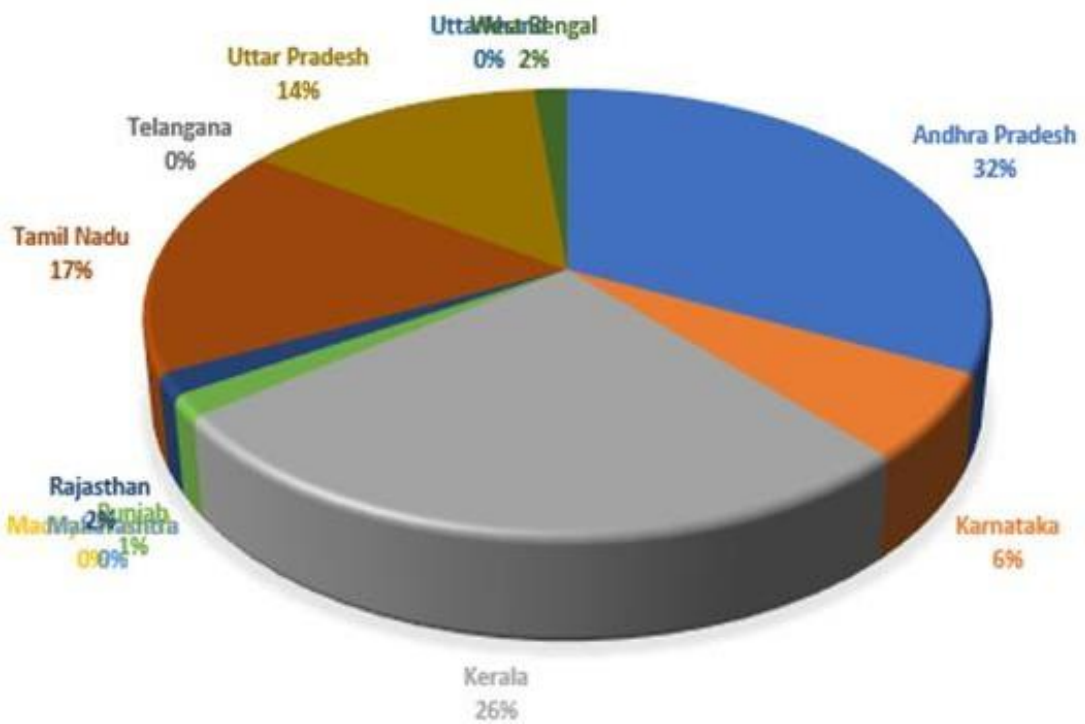
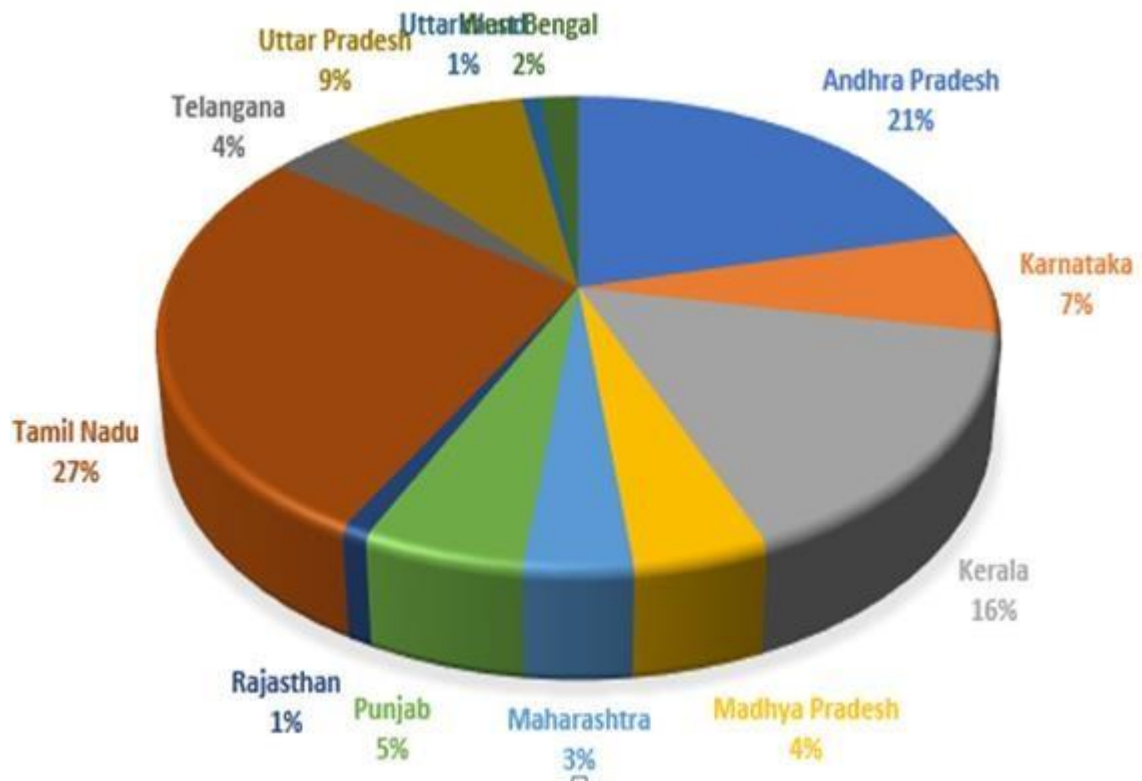
For direct publication: 4

Paper Location:

From India: 196 papers

Tamil Nadu

- Maharashtra
- Andhra Pradesh
- Telangana,
- Maharashtra
- Uttar Pradesh
- Uttarakhand
- Punjab
- Kerala
- Rajasthan



8.VALEDICTORY

In the Valedictory best paper and best paper Presentation of International Conference on Advances in Science, Engineering and Technology (ICASET-2021) was announced

Best paper award

Session 1

Best paper:

Shrivastava Komal and syed zahiruddin, parel garg and averinani srinivasulu, “Sub-Threshold Voltage Operated High Speed Domino Logic Or and And Gates”.

Best Paper Presenter: Kesava Rao Bagadi and Chandra Mohan Reddy sivappagari
“An ensemble based Hybrid feature selection method for speech emotion recognition”

Session 2

Best paper: Bhavana, “Effectiveness Of Composite Slim Floor Beams With Dowel Shear Connection”

Best paper presenter: Selja Selvester & Rakhi elizabeth “Behaviour Of Rc Beam With The Combination Of NSE FRCM & EB FRCM”

Session 3

Best Technical Paper: An MOORA and WASPAS methods Application for optimal Material Selection from Aluminum Graphene Nano Platelets Composites. – Dr. Bhanu Prakash Palampalle, D. Ravikanth, D. Merwin Rajesh, B. Devika and D. Babu.

Best Presenter: Effect Of CO Content On Corrosion Behavior Of Cocrfemnni High Entropy Alloy- Sudeep Kumar, Akshay Mithare, Sushil Yebaji and Shanmugasundaram.

Session 4

Best paper: V Madhurima Dr.K Padmapriya, “Fast Algorithm For Intra Frame Partition-Prediction Using Dual Tree Complex Wavelets For HEVC Encoding And Decoding”

Best paper presenter: M.Rajani Devi & V.Jyothi, “Accident & Alcoholic Detection Surveillance Robot”

10.VOTE OF THANKS:

International Conference on Advances in Science, Engineering and Technology (ICASET-2021) held on the 21st -22nd May 2021 which was Organized by KSRM College, Kadapa in Association with the Institute for Engineering Research and Publication (IFERP The conference was organized with a focus on Engineering, Social- Sciences A Humanities” 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 Technology we take the opportunity to thank all the speakers, delegates and participants for providing their valuable support and time for ICASET

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, Social- Sciences A Humanities and 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. Marina S. Apilado, Vice President for External Affairs and Quality Assurance, Eastern Samar State University, Philippines for their value judgment. We would like to thank the

11.CONFERENCE GLIMPSES

The screenshot displays a Google Meet interface during a conference. At the top, the browser tabs show 'Inbox (2,798) - mvnarayana@ksr...', '(107) WhatsApp', 'ICASET', and 'Meet - ujh-vabk-wr3'. The address bar indicates the meeting URL: 'meet.google.com/ujh-vabk-wr3'. The meeting title is 'Dr. B. Sudharshan Reddy is presenting'. The main content area shows a presentation slide titled 'Literature Review' with the following text:

- Greater the compaction effort, greater will be the ITS and UCS. Increase in curing period increases ITS, UCS and resilient modulus.
- Optimum stabilizer content (cement) and moisture content are critical for the strength of the CTBs.
- Cement content has the greatest influence on the strength development in cement treated aggregate bases than the type of aggregate

The right side of the screen shows a grid of participants, including Rajendra Kumar, Dr. B. Sudharshan R..., mariya mathew, ASHI, Irene Chinnu George, Praveena Pius, Meera Mary Thomas, Rohit Jyothi Raviku..., and selja selvester. The bottom of the screen shows the Windows taskbar with the time 12:08 PM on 5/21/2021.

meet.google.com/ujh-vabk-wrz

rifa reji is presenting

Ashika Jose and 22 more

12:30 PM

rifa reji

Srinivasula Reddy Id...

Dr. B. Sudharshan R...

Rajendra Kumar

selja selvester

SUNILUMACHAGI

mariya mathew

ASHI

Sreenivasa Reddy G...

Presentation (rifa reji)

Meeting details

KSRM Campus Vi...mp4

12:30 PM 5/21/2021

meet.google.com/vja-snss-bmt

Ravi Sankar is presenting

shreyansh saras... and 1 more

12:25 PM

Nano Finishing of Micro holes in Drug Eluting Stents

Drug exits through holes

Mamilla Ravi Sankar (MRS) Lab : HIT Tirupati

SREEKANTH B

Rahul Bawane

Kunal Jain

Bhanu Prakash

Aadarsh Bharti

Varun kumar

Gomathi Kalaimani

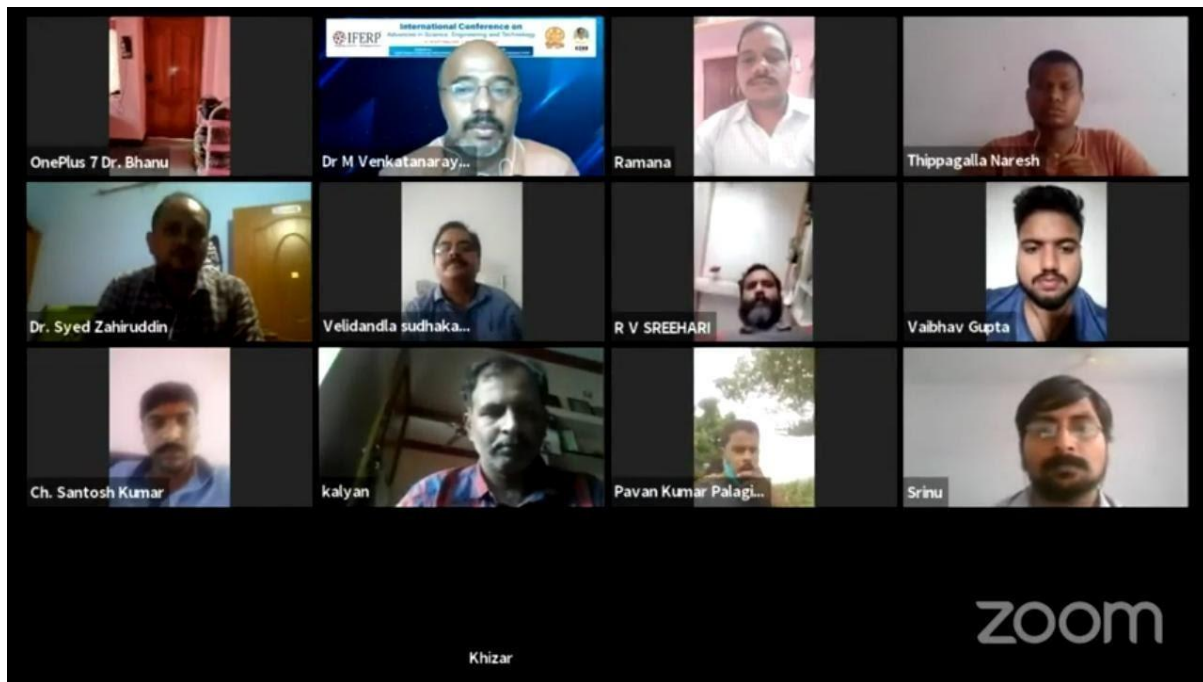
saravanan r

Ravi Sankar

Meeting details

KSRM Campus Vi...mp4

12:25 PM 5/21/2021



12.CONCLUSION SUMMARY

ICASET 2021 was a success event organized by IFERP amid the COVID19 with a collective effort from host organization, Organization committee members and all participants. This event provided a learning experience to all and shape ourselves to the near future. We would like to conclude with Thank you to all.

Our Associates

