



**POORNIMA**  
**COLLEGE OF ENGINEERING**

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## **List & Reports of International Conferences Organized (Session 2023-24)**

- ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)**  
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**Dr. Mahesh Bunde**  
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**Details of International Conferences Organized in Session 2023-24**

S. No	Session	Date of Activity	Conference Title
1	2023-24	21-22 December, 2023	Technovation 2023 - International Conference on Recent Advances in Engineering (ICRAE) & Technical Paper and Model Contests
2	2023-24	April 26-27, 2024	Third International Conference on Advances in Concrete and Construction Engineering for Sustainability (ICACC 2024) (Organized in collaboration with Vasavi College of Engineering, Hyderabad)

  
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### A Report On

## “International Conference on Recent Advances in Engineering & 6th Technical Paper and Model Contests”

**NAME OF ACTIVITY:** International Conference on Recent Advances in Engineering & 6th  
Technical Paper and Model Contests’

**DATE & DAY:** 21-22 December, 2023

**TIME DURATION:** Two Days

**TYPE OF ACTIVITY:** International Conference

**ORGANIZED BY:** First Year Department

**FACULTY COORDINATORS:** Dr. Rekha Nair

DEPARTMENT OF First Year			
Technical Paper and Model			
S. No.	Name of the Session	Date (s)	Page No.
SESSION 2023-24			
1.	International Conference on Recent Advances in Engineering & 6th Technical Paper and Model Contests’	21-22 December, 2023	3-19

♦ **RESPONSE(SUBMISSION/ACCEPTANCE/PRESENTATION):**

In Technical Paper and Model Contests -2023, total 370 papers and model are registered for participation in papers and projects contests. All the registered papers and projects are accepted for the contest. Bachelor, Master & Doctoral scholars and professional attended all these sessions including registered participants and local attendees.

♦ **SUMMARY/CATEGORIZATION OF PARTICIPANTS:**

Technical Paper and Model Contests -2023 provided a stimulating environment for researchers, scientists, engineers, educators, industrialists and students from all over the world to discuss and present their research findings in the interest of society and the nation. The Technical Paper and Model Contests covered major areas of research in Mechanical, Civil Applied Science, Electrical, Electronics and Computer Engineering. Technical sponsor of the Technical Paper and Model Contests -2023 was IEEE Delhi Section and supported by IEEE Rajasthan Subsection and Technically Co-sponsored by ISLE, IGI,STM and Poornima University IEEE Student Branch Chapters.

In Technical Paper and Model Contests -2023, Conference management toolkit system was utilized to cater the enthusiastic response making it to around 370 received manuscripts and projects across countries. All the registered papers and projects are accepted for the contest. Bachelor, Master & Doctoral scholars and professional attended all these sessions including registered participants and local attendees.

## FEEDBACK ANALYSIS:

Questions asked

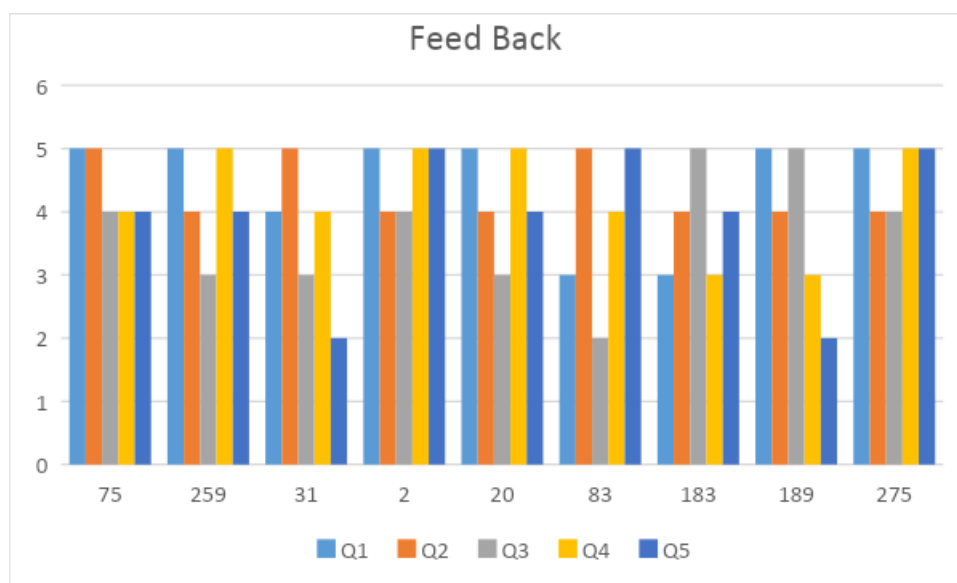
1. How do you rate Speaker's talk?

2. Technical Sessions were informative and managed well.

3. The organization of the conference was?

4. Timely Information sharing with participants, and responses from the organizers.

5. Knowledge sharing during the conference?



## List of Participants

### ABSTRACT INDEX OF PAPER CONTEST

Track-1: Computer Engineering / Information Technology			
S. No.	Paper ID	Author(s)	Paper Title
1	T1_P_CS_002	Shakil Ahmad	Financial Performance of Selected Third and Fourth Generation Banks in Bangladesh: CAMELS Rating Comparison

  
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2	T1_P_CS_012	Jyoti Garg, Mohit Chhabra, Rajneesh Kumar, Bhupesh Gupta, Amit Kumar Bindal	A HealthCare System for the prediction of Brain Tumor Segmentation using Ridgelet Transform and Co-Active Adaptive Neuro Fuzzy Expert System
3	T1_P_CS_014	Jainam Shah, Pushti Shah, Bansari Patel	Exploring Recent Innovations in Text Summarization: Constructing a Sequence-to- Sequence Model for Enhanced Summarization
4	T1_P_CS_029	Rahul Sharma Rahul Sharma Shiv Shakti Shrivastav	Predict and Analysis of Student Educational Performance Using Data Mining (DM) & Data Analytics (DA) Models
5	T1_P_CS_035	Sunny Thakare	IDS With Internet of Things Using Neural Network
6	T1_P_CS_039	Dr. Shalini Puri Akanksha Soni	Inception and LightGBM-based Model for Automated Polycystic Ovary Syndrome Detection in Ultrasound Images
7	T1_P_CS_040	Dr. Hemlata Jain Ajay Khunteta	Apache Mahout a Big Data Analytics tool for Telecom Churn Prediction
8	T1_P_CS_041	Anjul Bhardwaj	Enhancing Healthcare Security with Biometric Authentication and Digital Signatures in the Era of IoT and Fog Computing
9	T1_P_CS_042	Sonam Gour	A Review on Google Lens Clone using Image Recognition
10	T1_P_CS_043	Sonam Gour	Health Care System Analysis Using Different Datasets
11	T1_P_CS_044	Sonam Gour	Plant Disease Detection
12	T1_P_CS_047	Shakil Ahmad	Customers and Employees Perception towards CRM practices adopted by Banks: A Bibliometric Analysis
13	T1_P_CS_048	Shreyas Pagare	Human Action Recognition Using LSTM, CNN
14	T1_P_CS_049	Dr. Shalini Puri, Akanksha Soni, Jeetendra Kumar Soni, Keshav Mishra	Fall Armyworm Detection in Sweet Corn using CNN and SVM: An Efficient Model for Sustainable Agricultural Productivity Enhancement
15	T1_P_CS_050	Pankaj Kotiyal Monisha Awasthi	An Integrated Conceptual Framework for Cloud Computing Adoption in Sanskrit Universities in India
16	T1_P_CS_69	Vishal Ramnath	Application of a Computer Algebra System with a Learning Management System for Automated Engineering Assessments
17	T1_P_CS_89	Loveleena Mukhija	Energy Efficient Virtual Machine Placement for Green Cloud Technology
18	T1_P_CS_96	Daksh Yadav Chris Sam Geetika Mathur Astha Gothi	A study analysis on gender classification using soft biometrics.

  
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19	T1_P_CS_110	Lakhan`Singh,Gaurav Singh Rathore, Usha Chauhan, Janvi Jaiswani, Priya Shekhawat	Business Intelligence And Analytics In Organizational Performance Process
20	T1_P_CS_136	Harshit Chugh, Mukul Kumar, Himanshu Thory	Image Similarity Techniques
21	T1_P_CS_149	Suyash Ameta Ameta	A Comparative analysis of Heart Attack prediction using Machine Algorithms with and without physical exertion
22	T1_P_CS_152	Akash Mahawar	Tic Tak Toe Game
23	T1_P_CS_155	Hitesh Khatwani	Spotify Clone
24	T1_P_CS_156	Chetan Bairagi	Online shopping website
25	T1_P_CS_159	Gourav Soni	Movie Ticket Booking Website
26	T1_P_CS_166	Sujal Wasson	Online Exam System
27	T1_P_CS_170	Chitransh Sharma	Student Management System
28	T1_P_CS_176	Mohammad Shahbaz Ali	Twists & Tales
29	T1_P_CS_177	Prashant mishra	Restaurent Management Website
30	T1_P_CS_179	Aadish Jain	Online- Shopping
31	T1_P_CS_181	Apra Sharma	College Fest Management Project
32	T1_P_CS_182	Sunny Sharma	Data Hub (Portable Contact Management)
33	T1_P_CS_185	Tara Chand Kumawat	Role of Blockchain in the Future
34	T1_P_CS_186	Damini Shekhawat	VASTRAKIRTI
35	T1_P_CS_187	Tanush Mahii	Cafe bill management system
36	T1_P_CS_188	deepak Saini	TinDog
37	T1_P_CS_189	Aryan Soni	Simon Game
38	T1_P_CS_192	Sneha Agarwal	Periodic table
39	T1_P_CS_197	Onik Jain	Railway Booking
40	T1_P_CS_200	Deepti Sharma	Sofia: A Windows-Tailored Virtual Voice Assistant
41	T1_P_CS_202	Deepanshi Jain	Temperature Converter Website

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42	T1_P_CS_204	Aditya Murari	Attendance mangement system
43	T1_P_CS_205	Anshul Sharma	Python Text Editor
44	T1_P_CS_207	Harshvardhan Singh Champawat	Disease prediction
45	T1_P_CS_208	Aadish Jain	Real Estate Website
46	T1_P_CS_209	ishika Jain	Grade management system
47	T1_P_CS_211	Atul Sharma	Hotel Management
48	T1_P_CS_213	Chhavi Jangid	Atm Bank Management
49	T1_P_CS_214	Khushhal Soni	To Do List
50	T1_P_CS_215	Harsh Khandelwal	Library Management System
51	T1_P_CS_217	Sparsh Jain	Notepad clone
52	T1_P_CS_218	Divyansh Jain	Blood Donation Website clone
53	T1_P_CS_220	Divyanshi Sharma	Airlines Reservation System
54	T1_P_CS_221	Himanshu Jangir	Textile hub
55	T1_P_CS_222	Chirag Lohar	Online Website Containing Information About Different Temples Of India
56	T1_P_CS_223	Niket Raj	Gym management system
57	T1_P_CS_224	Rajiv Jangir	Car Rental System
58	T1_P_CS_225	Divyanshi Singh	Automated ATM Management System
59	T1_P_CS_226	Arava Choudhary	Chit-Chat
60	T1_P_CS_227	Alok Dey	Car Rental System
61	T1_P_CS_228	Aditya Mishra	Animia: The Anime Movies Website
62	T1_P_CS_229	Tanisha Kumawat	ATM Backend
63	T1_P_CS_230	Arvind Pareek	Data Modeling
64	T1_P_CS_231	ARPIT AGRAWAL	Employee Management System

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65	T1_P_CS_232	Aayush Sharma	Complete Education - Your One-Stop Portal for Academic Success
66	T1_P_CS_233	Aditi Choudhary	Chat Application
67	T1_P_CS_234	Shivendu Nath Shivam	ChicThreads: Elevating Your Style with Timeless Elegance
68	T1_P_CS_235	Abhay Khandelwal	Smart Iot switch
69	T1_P_CS_238	Tarun Sharma	Delivery system
70	T1_P_CS_239	priyanshu Verma	Group Chatting Application System using Java
71	T1_P_CS_240	Antima Jain	Hotel Management System
72	T1_P_CS_242	Pulkit Garg	Attendance Management System with Advance Java
73	T1_P_CS_243	Harshvardhan Singh Rajawat	Instagram clone using React Native
74	T1_P_CS_247	Ankita Sharma	Food court management system using sql
75	T1_P_CS_249	Vipul Sahu	Voting management
76	T1_P_CS_258	Shirish Mohan Dubey	Performinmg Sentiment Analysis Using Twitter Data of Different Machine Learning Techniques
77	T1_P_CS_259	Sejal Jain	Image Caption Generator
78	T1_P_CS_264	Priyanshu Sharma	Simple calculator
79	T1_P_CS_265	Axita Rai	Banking Mangement System using MySQL workbench
80	T1_P_CS_268	Deepanshu Sharma Goransh Raghav Divesh Kumar	To-Do List Management System
81	T1_P_CS_271	Riyank A Nair	Salesforce
82	T1_P_CS_274	Akshat Mathur, Aman Porwal, Divyansh Saini	Jaipur Nagri
83	T1_P_CS_275	Abhijeet Raj, Garvit, Harsh Sharma, Hemlata Soni	Hotel Management System Project Report
84	T1_P_CS_277	Palak Agrawal, Nainika Yadav, Nupur Yadav, Riju	Software Testing
85	T1_P_CS_278	Shivam Jangid, Sanjula Ratnakar Mangate	Exam Hall Guard
86	T1_P_CS_280	Khushi Vijay	Front-End Development
87	T1_P_CS_282	Jayesh Sharma ,Mohit Bohra	Attendance Mangement System

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88	T1_P_CS_283	Naman Joshi, Rohit, Sandeep Kumawat	Software Testing Challenges in Trailhead Exercise: Control Access to the Org
89	T1_P_CS_284	Alin Sharma	Library Management System
90	T1_P_CS_285	Manish Kumawat and Lakshya Gautam	Human Resource Management System
91	T1_P_CS_286	Arun Pratap Singh	Face Recognition
92	T1_P_CS_287	Shubham Gupta	Tic Tac Toe (Game)
93	T1_P_CS_288	Kanishk, Mayank	Steganography
94	T1_P_CS_289	Deva Devs	Online Blockchain based certificate generation and validation system for government organization
95	T1_P_CS_301	Reenisha Nama, Poonam Kumawat	Art & Craft
96	T1_P_CS_302	Khushboo Suthar and Kanishka Jingar	Photography Website Template
97	T1_P_CS_307	Vandan Vashistha, Tithi Goswami	Fashion Website
98	T1_P_CS_312	Shubham, Sanchit	Python Basics and Alarm Clock Project
99	T1_P_CS_316	Rahul Kumar Singh, Rahul Meena, Mohammad Iqbal	Full Stack Web Development
101	T1_P_CS_319	Vaidehi Mangal, Himanshi Agrawal	Student management system using technology python (GUI).
102	T1_P_CS_321	Sameer Gautam, Shubham Sharma, Shiv Sharma	Encryption/Decryption Application
103	T1_P_CS_322	Sameer Gautam, Shubham Sharma, Shiv Sharma	Encryption/Decryption Application
104	T1_P_CS_323	Prachi Tiwari, Raj Biswas	Barcode Generator
105	T1_P_CS_324	Ritik Kumar Swami	Info Track
106	T1_P_CS_326	Rahul Jha, Sanidhya Jain, Tanush Singh	Bank Management System
107	T1_P_CS_327	Vikash Kumar, Utkarsh Jangid	Electricity Bill Generator
108	T1_P_CS_328	Vaishali Sharma, Ragini kumari, Sezal Rana	Fee report management system
109	T1_P_CS_329	Ritik Shukla, Ritik Khandelwal	Ecommerce Clothing
110	T1_P_CS_330	Mohit Bhakar	Human Resouce Management System
111	T1_P_CS_331	Neha Khatwani, Mukul	Image to Sketch and Anime Converter

  
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112	T1_P_CS_332	Garvit Goyal, Sidharth Jain	Guess The Number
113	T1_P_CS_333	Utkarsh Agrawal, Adarsh Kumar Jha, Harsh Kumawat, Sulabh Saxena	Development of Shunk Key using 3D Printing
114	T1_P_CS_335	Vaibhav Swami, Yuvraj Singh	Tetris game
115	T1_P_CS_336	Shubham Prajapati, Vishal Agrawal, Sohaib Nasir, Rahul Arora	Face Detection and Recognition By Using Machine Learning
116	T1_P_CS_337	Vikash Kumar, Utkarsh Jangid	Electricity Bill Generator
117	T1_P_CS_339	Ms. Barkha Narang, Ms. Harshita Virwani Dr. Nikita Jain	Comprehensive Review on the Synergies and Challenges of Quantum Computing, Cloud Computing, and Fog Computing in the New Era
118	T1_P_CS_341	Navneet, Kanishk, Mohit, Bunt	Student Management Website Using Html, CSS, JavaScript
119	T1_P_CS_342	Harshita Virwani, Manashvee, Param Sharma, Megha Agrawal, Prabhat Singh	Generic Public Information Of Selected City In India Using Geolocation
120	T1_P_CS_345	Pratham Rastogi, Mitesh Muhal	Electric Vehicle website (GOev)
121	T1_P_CS_348	Rohit Chauhan, Bharat kumar	Aproval Process
122	T1_P_CS_349	Rohit Chauhan, Bharat kumar	Aproval Process
123	T1_P_CS_350	Rana Tejas	Blood Donation Website
124	T1_P_CS_352	Nafisa Parween and Uzma Parween	Health Administrator: A Coded Approach to Hospital Management System
125	T1_P_CS_357	Shirish Mohan Dubey	Performinmg Sentiment Analysis Using Twitter Data of Different Machine Learning Techniques
126	T1_P_CS_358	Shirish Mohan Dubey	Performinmg Sentiment Analysis Using Twitter Data of Different Machine Learning Techniques
127	T1_P_CS_362	Ansh Jain	Movie website
128	T1_P_CS_364	Abhay Sharma, Priyanshu Sharma	Scientific calculator
129	T1_P_CS_365	Vanshika	Banking Management System Using Mysql
130	T1_P_CS_368	Deepanshu Sharma, Goransh Raghav, Divesh Kumar	To Do List Management System
131	T1_P_CS_371	Tanisha Mahavar & Yash Verma	Snake Water Gun Game
132	T1_P_CS_374	Feroz Bhanwar	Java program which converts the input currency to the user choice output currency

133	T1_P_CS_376	Pratyush Kumar, Yuvraj Dev, Navaneet Nagar	Barcode Generator And Scanner
134	T1_P_CS_379	Prakshal Rohatgi, Pranshul Jain	An In-Depth Exploration Of Contemporary Trends In Cloud Computing: A Comprehensive Review
135	T1_P_CS_382	Ashka Budhraj, Kashish Choudhary, Vidhi Khurana, Garv	WanderHub (Travel Planner)
136	T1_P_CS_384	Yaman sain, Abhay Sharma, Tanishq gupta, Jatin bhagtani	ATM Management system
137	T1_P_CS_385	SURaj, Tanishk, Ronak	Weather forecast
138	T1_P_CS_386	Manisha Saini, Monisha Awasthi, Saurabh Dhyani, Sonal Sharma	A Machine learning Approach and Methods: Enhancing Student Learning and Engagement in Interactive Classroom Environments

### Track-2: Electronics & Communication Engineering

S. No.	Paper ID	Author(s)	Paper Title
1	T2_P_ECE_017	Preetinder Singh	Analysis and Investigation of Magnetic field effects on development of Wheat DBW-187, PBW-725 by using MATLAB
2	T2_P_ECE_113	Gaurav Sharma, ChauhanNitinRajesh Singh, Anil Bairwa,Anushka Chhipa Shreya Jain	Design and Implementation of a Radio-Controlled (RC) Plane for Recreational and Educational Purposes
3	T2_P_ECE_119	Musaab Zarog	Modeling and Analysis of MEMS Electothermal Bimorph Actuator
4	T2_P_ECE_135	Tamanna Ameri, Kamlesh Kumawat	Mins control car
5	T2_P_ECE_146	Madhusudhan Singh,	Order oversight system
6	T2_P_ECE_169	Paridhi Goyal	A Review on Software Defined Radio (SDR) in Communication
7	T2_P_ECE_172	Hansika Saxena	URL Shortener
8	T2_P_ECE_184	Divyam Sethi	RC car
9	T2_P_ECE_236	Md Arif Alam	Egg incubator

### Track-3: Electrical Engineering

S. No.	Paper ID	Author(s)	Paper Title
1	T3_P_EE_036	Perna Tundwal Hitesh Kumawat Vikramaditya Dave	Optimizing Grid-Interfaced Rooftop Solar Plant Installation for Sustainable Energy Generation

  
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2	T3_P_EE_046	Hitesh Kumawat	Improved Power Quality in Hybrid Renewable Energy Systems using Advanced Intelligent Control Strategies
3	T3_P_EE_118	Kunal Sain, Aditya Yogi, Hitesh Jarwal, Rachit Saxena, Vikash Kumar Sharma	Electric Vehicle Dynamics: A Comprehensive Analysis
4	T3_P_EE_124	Anuj Sharma, Saurav Kumar	Solar Street Light Using LDR
5	T3_P_EE_125	Mohammed Amaan Solanki	Global Trends in Renewable Energy
6	T3_P_EE_128	Nitin Agnihotri, Naman Singh Chouhan	Study and Design of Smart Energy Meter for the Smart Grid
7	T3_P_EE_133	Vaishali Shirsath, Gaurav Jain, Yashika Saini, Pravin Sonwane, Lalit Yadav	Automation of Existing Energy Meter
8	T3_P_EE_134	Dr. Vikas Sharma, Dr. Pravin Sonwane, Mr. Rachit Sexena	Investigation of Shunt Active Power Filter for Power Quality Improvement in Distribution System
9	T3_P_EE_143	Dr. Vikas Sharm, Nikhil Yadav, Gagan Verma, Naseem Ahamad, Dr. Pravin Sonwane, Mr. Rachit Sexena	Wind Energy Conversion System: Theoretical Study and Concept
10	T3_P_EE_160	Ram Narayan Jat	Transmission Line Fault Safety
11	T3_P_EE_161	Priyanshu Sharma	Anti Sleep alarming for Drivers
12	T3_P_EE_250	Himanshu nama	Solar based street light using LDR
13	T3_P_EE_162	Debnil Mahapatra	Home automation using Bluetooth control
14	T3_P_EE_163	Sapna Kumari	Simulation Study of a Twelve Pulse Converter with Resistive Load
15	T3_P_EE_250	Himanshu nama	Solar based street light using LDR

S. No.	Paper ID	Author(s)	Paper Title
1	T4_P_ME_09	Sachin Kumar, Pardeep Gahlot	CO2 based cascade refrigeration cycle: - A short review.
2	T4_P_ME_010	Aman Kumar, Sachin Kumar	ExImplementation of six sigma technique in aotomobile industries: A Case Study
3	T4_P_ME_11	M.A.Hayatu, E.T.Dauda, O. Aponbiede	Influence of Welding Parameters on Microstructures and Hardness Of Dissimilar Weld Joints Between 316 And Hsla Steel
4	T4_P_ME_013	Vyankatesh P Mallewadikar	Analysis of Needle Roller Bearing defects during heat treatment and its reduction

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5	T4_P_ME_016	Sushant S Hirave	Reduction of spring-back for sunroof panel and avoid springback compensation.
6	T4_P_ME_024	Gurpreet Singh Neeraj Aggarwal	Optimization of wear behaviour of AA2014 hybrid composite using Taguchi with utility method
7	T4_P_ME_027	Dr. Virang Oza	Detailed review on adsorption refrigeration system for different adsorbent/adsorbate working pair materials - An environmental aspect
8	T4_P_ME_028	Ravi Jatola Amit Kumar Gupta	Enhancement of Acoustic Sound Transmission Loss incorporating Single and Double Baffles Plate: FEA Approach
9	T4_P_ME_031	Dr. Virang Oza	Parametric and comparative study of absorption refrigeration system for cold storage application
10	T4_P_ME_53	Sanjay Kumawat , Dr. Narayan Lal Jain, Dr. Yashpal Kausik	Systemic review of musculoskeletal disorders (MSD) due to wrong working conditions (Barriers) by addressing the key issues
11	T4_P_ME_76	Nagendra Singh	Effect of back pressure on die design parameters and deformation with AA5083 through equal channel angular pressing technique
12	T4_P_ME_99	Jitendra Shinde Maruti Khot Sunil Kadam	Review paper on Design and Development Miniature Moving Magnet Pulse Tube Cryocooler
13	T4_P_ME_100	Amresh Panjla	Effect of Electric Discharge Machining Parameters on Machinability of Self-Lubricating Hybrid Aluminum Metal Matrix Composite (Al6061/SiC/hBN)
14	T4_P_ME_102	Vishad Tainwala , Jagrati Agarwal ,Sachin Yadav , Sanjay Kumawat	A Review on Mechanical Analysis Softwares and their Applications
15	T4_P_ME_103	Harshit Sarsiya ,Arpit Singh Anmol Jain ,Gourav Singh Mukesh Didwania	Review on Aerogel Insulation
16	T4_P_ME_105	Ayan, Narayan Jain	Study of various generation stages biofuels and their performance and emission characteristics
17	T4_P_ME_106	Rupal Srivastav, Ankur Payal, Anish Gurjar Tanuj Sharma	Global Wind Power Generation
18	T4_P_ME_107	Nawab Aghaz ,Kanishk Baheti Sujal Kain,Akshay Jain	A review: Study about the use of biomaterial in additive manufacturing
19	T4_P_ME_109	Kunal Yadav, Mahesh Vaishnav,Ayyan Khokar,RAJ Satankar,Ajay Pagre	A review: Design of Ceramic Water Filter Molding Machines.
20	T4_P_ME_111	Sujit Kumbhar	Effect on emission characteristics of Spark Ignition (S.I) engine with spark advancement and retardment using Premium Gasoline-Ethanol blends.

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21	T4_P_ME_112	Ajith Kumar	Development of a Prototype of a Smart Agricultural Photovoltaic System for Enhancing Land Use Efficiency and Farmer Revenue
22	T4_P_ME_256	Harshita Joshi	Development of Saddle Key using CNC Lathe
23	T4_P_ME_257	Priya Chaudhary	Fabrication of Knuckle Joint by 3D Printing

**Track-5: Civil Engineering**

S. No.	Paper ID	Author(s)	Paper Title
1	T5_P_CV_01	Rakesh Jakhar	Use of Plastic and Flyash as a Soil Stabilizer
2	T5_P_CV_022	Chandrasekhar Reddy K Karthik K	Experimental Investigations on Behavior of Hybrid Concrete: Novel Approach Using Agro-Industrial and Electronic Wastes as Partial Replacement
3	T5_P_CV_026	Chandrasekhar Reddy K Sumanth S	Performance Evolution of Waste Fiber Reinforced Concrete: Study on impact of Mechanical and Durable Characteristics
4	T5_P_CV_045	Balwan	A Review on Substitution of Copper Tailing in Mortar with Fine Aggregate & its Impact on Mechanical Properties of Mortar
5	T5_CV_P_52	Sakshi Sharma Prateek Sharma Kiran Gaud	Urbanization and its impact on land use-land cover
6	T5_CV_P_54	Tannu Yadav, Bhumi, Hemant Saini	Waste Foundry Sand as a Partial Replacement for Sand in Concrete : A Survey of Literature
7	T5_CV_P_65	Kriyanshu Meena, Shivansh Naraniya, Komal Kumari, Saloni Tabiyar	Net zero energy building
8	T5_CV_P_74	Shubham Garg, Vishal Karol Sindhu Kumari Virendra Soni	Review on groundwater quality of India
9	T5_CV_P_83	AbhinavSharma Aadity Jangir Vinod Jat Vijendra Kumawat	Properties of Self compacting concrete : An overview
10	T5_CV_P_84	Harshit Taiter Abhishek Saini Chirakshi Agarwal	A literature review on Assessment of public transportation system of Jaipur city
11	T5_CE_P_108	shyam Meena,Akshat, Saran,Sushank Kumar,Jatin Meena	Review paper on different types of soil stabilization techniques.
12	T5_CE_P_127	Mahendra Kumar, Archana Bohra Gupta	Structural Assessment and Fire-Induced Strength Degradation of a Multi-Story Building: A Case Study in Jaipur

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13	T5_CV_P_219	Harshit Sharma	FRC (Fiber Reinforced Concrete):Using Waste Material
14	T5_CV_P_248	Parul Sharma	DAM
15	T5_CV_P_253	Gaurish Gaud	Water purifiers
16	T5_CV_P_255	Garvit Chhawal	Automatic railway crossing gate



Winners List TECHNOVATION 2023

S.NO	Paper ID	Authors	Title	Prize	Amount	Track
<b>PAPER PRESENTATION WINNER</b>						
1	39_CS_P_ICRAE23	Dr. Shalini Puri	Inception and LightGBM-based Model for Automated Polycystic Ovary	First Prize	5100	CS
2	30_CS_P_ICRAE23	Love leena Mukhija	Energy Efficient Virtual Machine Placement for Green Cloud Technology	Second Priz	3100	CS
<b>MODEL PRESENTATION WINNER</b>						
3	200_CS_M_ICRA	HIMANK SHARMA	Sofia: A Windows-Tailored Virtual	First Prize	4100	CS
4	362_CS_M_ICRA	Mahir Hussain	Chat Application	Second Priz	2100	CS
<b>PAPER PRESENTATION WINNER</b>						
5	31_ME_P_ICRAE23	Virang Oza	Parametric and comparative study of absorption refrigeration system	First Prize	5100	ME
<b>MODEL PRESENTATION WINNER</b>						
6	116_ME_M_ICRAE23	Anil Kumar Meena	Wireless EV Charging Station	First Prize	4100	ME
<b>PAPER PRESENTATION WINNER</b>						
7	36_EE_P_ICRAE23	Prema Tundwal	Optimizing Grid-Interfaced Rooftop Solar Plant Installation for Sustainable Energy Generation	First Prize	5100	EC & EE
<b>MODEL PRESENTATION WINNER</b>						
8	132_EC_M_ICRAE23	Ramakant Sharma	Sanitary Napkin Vending Machine	First Prize	4100	EC & EE
<b>PAPER PRESENTATION WINNER</b>						
9	54_CE_P_ICRAE23	Tannu Yadav	Use of Waste Foundry Sand as a Partial Replacement for Sand in Concrete	First Prize	5100	T3_CV
<b>MODEL PRESENTATION WINNER</b>						
10	85_CE_M_ICRAE23	Himanshu Meena and Ansh Kumar	Green Highway	First Prize	4100	T5_CV
11	86_CE_M_ICRAE23	SKIT	Translucent Concrete	Second Priz	2100	T5_CV

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##### IMPORTANT DATES

Description	Dates
Last Date of Paper/model Submission	Oct. 08, 2023
Camera Ready Paper Submission	Oct. 15, 2023
Last Date of Registration	Oct. 22, 2023
Extended / Modified Camera Ready Paper for Journal Publication	Nov. 22, 2023

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**A Conference**  
**Report ON**  
**Third International Conference on Advances in Concrete and**  
**Construction Engineering for Sustainability (ICACC 2024)**  
**April 26-27, 2024**



**ORGANISED BY**

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Civil Engineering Department at Vasavi College of Engineering, Hyderabad, India and Poornima College of Engineering, Jaipur, India is jointly organizing the **Third International Conference on Advances in Concrete and Construction Engineering for Sustainability (ICACC 2024)** on **April 26-27, 2024**. The conference will be held in hybrid mode. As per the current plan the inaugural and valedictory function of the event will be conducted in offline mode at VCE campus, along with offline sessions at VCE and PCE campuses. Authors will be allowed to present virtually, if they chose to give virtual presentation. Earlier two version of this conference were organized in 2004, & 2008. It is for the first time VCE, Hyderabad is jointly organizing the conference with PCE, Jaipur, India. The Members of Scientific and Organizing Committees

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- Dr. Raj Kumar Satankar, Associate Professor, Department of Mechanical Engineering, Poornima College of Engineering, Jaipur, India

## **INAUGURAL CEREMONY**

Third International Conference on Advances in Concrete and Construction Engineering for Sustainability (ICACC 2024), to be hosted by Vasavi College of Engineering (A), Hyderabad and Poornima College of Engineering, Jaipur, India. The publication partner for this conference is IOP Conference series: Earth & Environmental science and few more publisher are about to join this event, the following guest and dignitaries were presented in the inaugural session of the event.

- Professor Ir. Dr U. Johnson Alengaram, Professor & Director, Centre for Innovative Construction Technology, University of Malaya, Kuala Lumpur, Malaysia, Chief Guest
- Er. N. Srinivas, Regional Head Technical Services for Telangana, UltraTech Cement Limited, India. Chief Guest
- Sri. M. Krishna Murthy, Hon. Secretary, Vasavi Academy of Education, Hyderabad, India- Patron– ICACC 2024
- Dr. Mahesh M. Bunde, Director and Principal, PCE, Jaipur, India, General Chair, ICACC 2024
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- Dr. Narayan Lal Jain, Prof. & Head, Department of Mechanical Engineering, PCE, Jaipur, India, Organizing Chair, ICACC 2024

  
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Conference on Advances in Concrete and Construction Engineering for Sustainability (ICACC 2024) kicked off with great enthusiasm and anticipation. This conference brought together experts, researchers, practitioners, and industry professionals from around the globe to delve into the latest advancements in concrete and construction engineering aimed at fostering sustainability. At the beginning **Dr. S. Vijayakumar**, informed about the conference, and its outline to the guest and participants.

The ceremony commenced with a welcome address by the conference Patron **Dr. S, V. Ramana, Principal, Vasavi College of Engineering**, highlighting the significance of sustainable practices in the construction industry and the role of innovation in achieving these goals. Dr. Mahesh Bunde, Principal & Director, Poornima College of Engineering has shared his insights on emerging trends, challenges, and opportunities in concrete and construction engineering. **Dr B Sridhar, HoD Civil Engineering, VCE**, also addressed the audience and expressed his views about the conference theme and its organization motives.

  
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The Chief Guest of the event Professor Ir. **Dr U. Johnson Alengaram**, Professor & Director, Centre for Innovative Construction Technology, University of Malaya, Kuala Lumpur, Malaysia commend the organizers for convening this important event, which provides a platform for collaboration, knowledge sharing, and the exchange of ideas. By bringing together experts from diverse backgrounds, we have the opportunity to harness collective expertise and drive meaningful progress towards a more sustainable built environment.

He stated, Concrete, as one of the most widely used construction materials, plays a pivotal role in shaping the sustainability of our infrastructure. As we strive to mitigate the environmental impact of construction activities, it is essential to explore innovative approaches to concrete production, design, and utilization. This includes embracing alternative materials, optimizing mix designs, and adopting advanced construction techniques that minimize resource consumption and carbon emissions. Moreover, sustainability encompasses not only environmental considerations but also social and economic dimensions. We must prioritize the well-being of communities affected by construction projects, promote equitable access to infrastructure, and foster inclusive development practices that empower local stakeholders. s we embark on this collective journey towards a more sustainable future, let us seize the opportunities presented by this conference to collaborate, innovate, and inspire change. By harnessing the power of research, technology, and collaboration, we can build a world where infrastructure meets the needs of the present without compromising the ability of future generations to meet their own needs.

At the end **Dr. M.V.V.S. Sastri**, Organizing Secretary presented vote of thanks to all the participants. After inaugural ceremony the keynote speech was delivered by the chief guest, and later parallel technical sessions were conducted where authors from different organizations where presented the papers in offline and online mode.

Throughout the day, participants engaged in thought-provoking discussions, exchanging ideas, and exploring collaborative avenues to address the pressing issues facing the construction sector. The atmosphere was charged with excitement and anticipation as attendees eagerly embraced the opportunity to contribute to the collective effort towards a more sustainable built environment. Overall, day 1 of ICACC 2024 set a promising tone for the conference, laying the groundwork for productive discussions and collaborations that will shape the future of concrete and construction engineering for sustainability.

**DAY-1 PRESENTATIONS AND KEYNOTES ADDRESSES**

Technical Session-I	<b>Session Chair: Dr. M. V. Rama Rao</b> , Professor, Department of Civil Engineering, Vasavi College of Engineering, Hyderabad, India <b>Moderator: Dr. S. Vijaya Kumar</b> , Vasavi College of Engineering, Hyderabad, India
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Technical Session-II	<b>Session Chair: Dr. A. Ramesh</b> , Professor, Department of Civil Engineering, VNRVJIT, Hyderabad, <b>India</b> <b>Moderator: Dr. C. Mohan Lal</b> , Vasavi College of Engineering, Hyderabad, India.
Technical Session-III	<b>Session Chair: Dr. Ashish Kumar Nayak</b> , Assistant Professor, PVPSIT, Vijayawada, Andhra Pradesh, India. <b>Moderator-1: Dr. B. Narender</b> , Anurag University, Hyderabad, India. <b>Moderator-2: Dr Raj Kumar Satankar</b> . Poornima College of Engineering, Jaipur, Rajasthan.

## DAY-2 PRESENTATIONS AND KEYNOTES ADDRESSES

EVENT	GUEST/SPEAKER/HOST
Technical Session-IV	<b>Session Chair: Dr. Prarthita Basu</b> , Scientist C, Shriram Institute for Industrial Research, Delhi <b>Moderator: Ms. Krati Sarma</b> , Vasavi College of Engineering, Hyderabad, India
Technical Session-V	<b>Session Chair: Dr. D. Rupesh Kumar</b> , Professor, Department of Civil Engineering, University College of Engineering, Osmania University, Hyderabad, Telangana, India <b>Moderator: Prof. S. Kesav Kumar</b> , Vasavi College of Engineering, Hyderabad, India

## VALEDICTORY CEREMONY

The valedictory ceremony of the Third International Conference on Advances in Concrete and Construction Engineering for Sustainability (ICACC 2024) marked the culmination of several days of insightful discussions, knowledge sharing, and collaboration among researchers, practitioners, and industry leaders committed to advancing sustainability in the construction sector. The ceremony, held on second day of the conference provided an opportunity to reflect on the key outcomes and highlights of the conference, as well as to acknowledge the contributions of participants towards advancing the field of concrete and construction engineering for sustainability. The following dignitaries

- Dr. K. V. L. Subramaniam, Professor, Department of Civil Engineering, IIT Hyderabad, India, Chief Guest
  - Er. Sneha Redla, Vice President, Aarvee Associates, Director, Aarvee Australia & UK and CEO, Hyve Global Engineering Pvt Ltd, Telangana, India, Chief Guest
  - Sri. M. Krishna Murthy, Hon. Secretary, Vasavi Academy of Education, Hyderabad, India- Patron
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- Dr. Mahesh M. Bundele, Director and Principal, PCE, Jaipur, India, General Chair, ICACC 2024
- Dr S.V. Ramana, Principal, VCE, Hyderabad, India, General Chair, ICACC 2024
- Dr. Pankaj Dhemla, Vice Principal, PCE, Jaipur, India, Organizing Chair, ICACC 2024
- Dr. B. Sridhar, Prof & Head, CED.VCE, Hyderabad, India- Organizing Chair, ICACC 2024
- Dr. Narayan Lal Jain, Prof. & Head, Department of Mechanical Engineering, PCE, Jaipur, India, Organizing Chair, ICACC 2024
- Dr. S. Vijaya Kumar, Associate Professor, Department of Civil Engineering, VCE, Hyderabad, India, Organizing Secretary, ICACC 2024
- Dr. M.V.V.S. Sastri, Associate Professor, Department of Civil Engineering, VCE, Hyderabad, India, Organizing Secretary, ICACC 2024
- Dr. Raj Kumar Satankar, Associate Professor, Department of Mechanical Engineering, PCE, Jaipur, India, Organizing Secretary, ICACC 2024

The event commenced presenting the conference report by Dr. S. Vijaykumar, Organising Secretary, ICACC 2024, highlighting key themes, notable presentations, and innovative solutions discussed throughout the event. The chief guest, guest of honor, and other dignitaries also shared their reflections on the conference outcomes and emphasized the importance of continuing the momentum generated by ICACC 2024. At the occasion the token of appreciation were presented to organizing team members, to recognize the achievements of individuals and organizations who have demonstrated excellence and leadership in conference organization.



  
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In addition to the formal presentations, the valedictory ceremony participants reflected on the challenges and opportunities facing the construction sector in achieving sustainability goals, and also shared their experiences about their journey with the organizing team. The ceremony concluded with closing remarks from the conference chairperson, expressing gratitude to all participants, sponsors, and organizers for their dedication and support in making ICACC 2024 a success. Attendees were encouraged to carry forward the insights gained from the conference and to continue collaborating towards building a more sustainable future for the construction industry. Overall, the valedictory ceremony of ICACC 2024 served as a fitting conclusion to a dynamic and engaging conference, leaving participants inspired and motivated to drive positive change in the field of concrete and construction engineering for sustainability.

### LIST OF PRESENTED PAPERS

S No.	PAPER TITLE	PRESENTING AUTHOR	INSTITUTE/ORGANIZATION NAME, COUNTRY
1	ASSESSMENT OF SELF-COMPACTING LIGHTWEIGHT CONCRETE: PREPARATION OF ECO-FRIENDLY FIBER CONTENT ON MECHANICAL AND DURABLE CHARACTERISTICS	MR. MARRI ROHINI KUMAR	SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR, ANDHRA PRADESH, INDIA
2	BIOMASS RECOVERY AND WASTEWATER TREATMENT IN SHRIMP AQUACULTURE: A COMPARATIVE STUDY ON THE PERFORMANCE OF HRAPS AND PMBR	MR. THANH TRAN	INSTITUTE FOR ENVIRONMENT AND RESOURCES, VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY (VNU-HCMC), VIETNAM
3	EMISSION OF CARBON FOOTPRINT FROM BUILDING CONSTRUCTION MATERIALS: A REVIEW	MR. VIRENDRA DINESH GOMASE	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING ,NAGPUR, MAHARASHTRA, INDIA
4	FROM THREAT TO THRIVE: THE STRENGTH OF PLACE ATTACHMENT TO ALLEVIATE THE ENVIRONMENTAL EFFECTS OF CLIMATE CHANGES	DR. KRITI VASHISHTHA	MANIPAL UNIVERSITY JAIPUR, JAIPUR-AJMER EXPRESS HIGHWAY, JAIPUR, RAJASTHAN, INDIA

5	PRELIMINARY CHARACTERIZATION OF SEWAGE SLUDGE FROM SEWAGE TREATMENT PLANT	MS. SNEHAL K. KAMBLE	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
6	TREATMENT OF DAIRY WASTE WATER USING MODIFIED MEDIA IN ROTATORY BIOLOGICAL CONTACTOR	MS. PALLAVI S. CHAKOLE	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
7	STRATEGIC OPTIMIZATION OF PFC COAGULATION FOR SALINE WATER PRE-TREATMENT: ENHANCING RO FILTRATION EFFICIENCY IN THE MEKONG DELTA	MR. DO VINH DUONG	NGUYEN TAT THANH UNIVERSITY, VIETNAM
8	LABORATORY STUDY ON SYNTHESIS OF GEOPOLYMER FLY ASH SAND	KOTHLAPURAM RENUKA	V.N.R. VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, HYDERABAD, TELANGANA INDIA
9	FLOOD RISK ANALYSIS USING GEOGRAPHIC INFORMATION SYSTEM	MR. UDAYRAJ DUTT GARG	AMITY UNIVERSITY UTTAR PRADESH, NOIDA, UTTAR PRADESH, INDIA
10	SHAPING SOCIAL STRATEGY THROUGH YOUTH'S PERCEPTION: URBAN AIR POLLUTION AND ENVIRONMENTAL CONSCIOUSNESS IN HO CHI MINH CITY	MR. VAN HUU DAT	FACULTY OF BUSINESS ADMINISTRATION, NGUYEN TAT THANH UNIVERSITY, VIETNAM
11	SMART CITY SUSTAINABLE DEVELOPMENT MODELLING THROUGH QUANTITATIVE ANALYSIS OF AIR POLLUTANTS: STUDY ON CHENNAI, INDIA	MR. SAKSHAM CHHABRA	AMITY INTERNATIONAL BUSINESS SCHOOL, NOIDA, SECTOR 125, UTTAR PRADESH, INDIA
12	IMPARTING CONCEPTS OF SUSTAINABILITY AND GREEN BUILDINGS VIA A CASE STUDY ON AN EDUCATIONAL BUILDING	MR. MAHESH KONA	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
13	POTENTIALLY TOXIC ELEMENTS IN FLY ASH BRICK AND ASSOCIATED ECOLOGICAL HEALTH RISK: AN OPINIONATED REVIEW	DR. ALIYA NAZ	JINDAL SCHOOL OF LIBERAL ARTS AND HUMANITIES, O.P. JINDAL GLOBAL UNIVERSITY, SONIPAT, HARYANA, INDIA
14	OPTIMAL PLACEMENT OF SHEAR WALL IN MULTISTOREY BUILDING ON SLOPING GROUND	MS. NANDINI GHANGARE	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
15	DETERMINING THE ISSUES ASSOCIATED WITH THE URBAN CENTRE: A CASE OF JALANDHAR CITY	MR. RAJAT NAINWAL	LOVELY SCHOOL OF ARCHITECTURE AND DESIGN, LOVELY PROFESSIONAL UNIVERSITY, PHAGWARA, PUNJAB, INDIA
16	ASSESSING THE IMPACT AND RESPONSE TO THE DISASTER IN MANANTHAVADY TOWN: A CASE STUDY	DR. BIGITH V. B.	LOVELY SCHOOL OF ARCHITECTURE AND DESIGN, LOVELY PROFESSIONAL UNIVERSITY, PHAGWARA, PUNJAB, INDIA
17	PERCEPTIONS ABOUT CLIMATE CHANGE AND MITIGATION BEHAVIOUR: EXTENDING THE THEORY OF PLANNED BEHAVIOUR	DR. BHAVANA ARYA	MANIPAL UNIVERSITY JAIPUR, JAIPUR-AJMER EXPRESS HIGHWAY, JAIPUR, RAJASTHAN INDIA
18	APPLICATION OF THEORY OF PLANNED BEHAVIOR TO ASSESS THE IMPACT OF INTENTION OF ARCHITECTS, DESIGNERS, AND ENGINEERS	DR. RUCHI JOSHI	MANIPAL UNIVERSITY JAIPUR & NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR, HIMACHAL PRADESH, INDIA

	REGARDING USAGE OF SUSTAINABLE CONSTRUCTION MATERIALS IN INDIA		
19	GROUNDWATER REMEDIATION TECHNIQUES AROUND KODUNGAIYUR DUMP YARD	MRS. AISHWARYA R	R.M.K. ENGINEERING COLLEGE, GUMMADIPOONDI, TAMILNADU, INDIA
20	SUSTAINABLE UTILISATION OF SUGAR CANE MOLASSES AS A PARTIAL REPLACEMENT TO BITUMEN IN BITUMINOUS PAVEMENTS	DR. KUCHU JAYASREE	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
21	DEVELOPMENT OF PAVER BLOCKS USING CUPOLA SLAG AND FLY ASH	MS. SANGITA MESHRAM	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
22	INFLUENCE OF THE BASALT FIBER AND FLYASH ON THE STRUCTURAL PROPERTIES OF THE HIGH-STRENGTH CONCRETE	DR. S.VIJAYA KUMAR	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
23	COMPARATIVE EVALUATION OF COCONUT SHELL FILLER SLABS AND CONVENTIONAL SLABS USING STAAD PRO	DR. KANDAGAL NAGARAJA	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY HYDERABAD, TELANGANA INDIA
24	OPTIMIZING ROOFING EFFICIENCY: UTILIZING GGBS AND COIR FIBRE IN CEMENT TILE PRODUCTION	MS. T SWETHA	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD, TELANGANA INDIA
25	OPTIMIZING ROOFING EFFICIENCY: UTILIZING GGBS AND COIR FIBRE IN CEMENT TILE PRODUCTION	DR. M V S S SASTRI	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD, TELANGANA INDIA
26	PERFORMANCE OF MOTORBIKE RIDERS UNDER THE INFLUENCE OF HUMAN BEHAVIORAL FACTORS: REVIEW PAPER	MR. TEJESH KUMAR VADLAKONDA	V.N.R. VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, HYDERABAD, TELANGANA, INDIA
27	EFFECT OF ALKALI ACTIVATED SOLUTION CONTENT ON COMPRESSIVE STRENGTH OF GEOPOLYMER CONCRETE	MS. SRIYA BODDUPALLI	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE, VIJAYAWADA, ANDHRA PRADESH, INDIA
28	AN INVESTIGATION ON WALL PUTTY AND CONCRETE CUBES FOR SELF-CLEANING USING TITANIUM DI-OXIDE	DR. A.HEMAMATHI	R.M.K. ENGINEERING COLLEGE, GUMMADIPOONDI, TAMILNADU, INDIA
29	EXPERIMENTAL INVESTIGATION ON REACTIVE POWDER CONCRETE DESIGNED WITH MICROSILICA AND ALCCOFINE1203	MR. AHMAD SHAH ABRAHIMI	UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, HYDERABAD, TELANGANA INDIA
30	INVESTIGATING TRANSPORTATION MODE PREFERENCES FOR LEISURE TRAVEL: A NESTED LOGIT MODEL FOR HYDERABAD CITY	MR. SAMARTHI PRAVEEN	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANAGANA INDIA
31	EFFECT OF INFILL WALLS ON SEISMIC PERFORMANCE OF RC FRAMED BUILDINGS	MR. BALA BALAJI YARRAMSETTY	NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, TELANGANA, INDIA
32	COMPARATIVE ANALYSIS OF ENVIRONMENTAL FOOTPRINTS: CONVENTIONAL VERSUS HIGH-STRENGTH CONCRETE IN CONSTRUCTION	MR. M.R. RAJAGOPAL	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANAGANA INDIA
33	REHABILITATION AND RESTORATION OF HISTORIC CHURCH USING CONVENTIONAL METHOD	MRS. MONICA D	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI, TAMILNADU, INDIA



34	THE INFLUENCE OF LAND USE LAND COVER ON THE LAND SURFACE TEMPERATURE AND VEGETATION INDEX OF PUNE CITY, INDIA	MS. KRUTIKA MADKAIKER	AMITY SCHOOL OF ARCHITECTURE & PLANNING, AMITY UNIVERSITY UTTAR PRADESH, NOIDA, INDIA
35	HYDRODYNAMIC AND SEISMIC ANALYSIS OF BALANCED CANTILEVER BRIDGE	MR. RUDRA AMARNATH BABU	UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, HYDERABAD, TELANGANA INDIA
36	STUDY ON STRENGTH AND DURABILITY CHARACTERISTICS OF GEOPOLYMER FLY ASH SAND	MRS. PUPALWAD ARTI SUDAM	V.N.R. VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, HYDERABAD, TELANGANA INDIA
37	WIND ANALYSIS ON TALL BUILDINGS FOR DIFFERENT PLAN CONFIGURATION IN DIVERSE TERRAINS	MR. SIBYALA UMA MAHESWAR	NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL, TELANGANA, INDIA
38	DEVELOPMENT OF LIGHT WEIGHT BRICKS USING AGRICULTURAL AND INDUSTRIAL WASTE	MS. SAKSHI SUSHIL MUJUMDAR	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
39	HARNESSING PIEZOELECTRIC SENSORS FOR ELECTRICITY GENERATION FROM SPEED BREAKERS	DR. MADHURI BHAGAT	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
40	SEISMIC ISOLATION OF LIQUEFIED NATURAL GAS STORAGE TANKS USING QUINTUPLE FRICTION PENDULUM SYSTEM (QTFP)	MR. VIPUL H. VYAS	M. S. PATEL DEPARTMENT OF CIVIL ENGINEERING, CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY (CSPIT), FACULTY OF TECHNOLOGY & ENGINEERING (FTE), CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), CHARUSAT CAMPUS, CHANGA 388421, INDIA, INDIA
41	EXPERIMENTAL INVESTIGATION ON MICROSTRUCTURAL AND DURABILITY CHARACTERISTICS OF ALCCOFINE BASED STEEL FIBER REINFORCED SELF COMPACTING CONCRETE (ASFRSCC)	MR. A MURALIDHAR	REVA UNIVERSITY, RUKMINI KNOWLEDGE PARK, KATTIGENAHALLI, YALAHANKA, BENGALURU, INDIA
42	DRIVING SUSTAINABLE URBAN MOBILITY: ANALYZING TRANSPORT ANALYSIS ZONES WITH UBER MOVEMENT DATA	MRS. DHATRI PUNUKOLLU	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
43	PROPERTIES AND ECO-COST EFFECTIVENESS OF CONCRETE CONTAINING WASTE BLAST FURNACE SLAG AND DEMOLITION WASTE	MS. MADHUSMITA MOHARANA	DEPARTMENT OF CIVIL ENGINEERING, CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA, INDIA
44	ENHANCING CONCRETE PERFORMANCE AND SUSTAINABILITY THROUGH CARBONATION CURING: EFFECTS OF FLY ASH INCORPORATION AND MECHANICAL PROPERTIES EVALUATION	MR. JOYSON SILVA, P.	R.M.K. ENGINEERING COLLEGE, GUMMADIPOONDI, TAMILNADU, INDIA
45	ASSESSMENT OF BONE CHAR AS AN ADSORBENT: A COMPREHENSIVE REVIEW	DR. AMIT BIJON DUTTA	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, Maharashtra, INDIA
46	PARALYTIC STUDY ON ELEVATED SERVICE RESERVOIRS: THREE CONCENTRIC CIRCLE CONFIGURATIONS	MS. SIREESHA MOKAMATI	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING

			COLLEGE, VIJAYAWADA, ANDHRA PRADESH, INDIA
47	MECHANICAL PERFORMANCE AND CO2 FOOTPRINT ANALYSIS: RECYCLED AGGREGATE POLYPROPYLENE GEOPOLYMER CONCRETE COMPARED WITH CONVENTIONAL CONCRETE	MRS. PRASANTHI PETLURU	B V RAJU INSTITUTE OF TECHNOLOGY, NARSAPUR, MEDAK, TELANGANA, INDIA
48	A REVIEW OF SUGARCANE BAGASSE ASH: CHARACTERISTICS, PROPERTIES AND SUSTAINABLE APPLICATIONS IN CONCRETE	MR. PRATYUSH KUMAR GOYAL	NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR, CHHATTISGARH, INDIA
49	UNVEILING THE POTENTIAL OF HYBRID DEEP LEARNING ALGORITHM IN STREAMFLOW PROJECTION	MR. RISHITH KUMAR VOGETI	BITS PILANI HYDERABAD CAMPUS, TELANGANA INDIA
50	SEISMIC ANALYSIS OF VERTICALLY IRREGULAR RCC HIGH-RISE BUILDINGS: A STUDY ON PROVISION OF FVD AT VARIOUS LOCATIONS	MR. ACHINA PRASAD	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANAGANA, INDIA
51	ENHANCING SUSTAINABILITY THROUGH GIS MAPPING FOR GROUNDWATER QUALITY ANALYSIS	MR. SURISETTI VAMSI HARISCHANDR A PRASAD	DEPARTMENT OF CIVIL ENGINEERING, GITAM UNIVERSITY, VISAKHAPATNAM, ANDHRA PRADESH, INDIA
52	INVESTIGATING ALKALI ACTIVATED CONCRETE WITH RECYCLED AGGREGATE SUBSTITUTION IN EXPERIMENTAL RESEARCH	DR. B.SRIDHAR	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
53	EXPLORING THE ROLE OF GREEN INTRINSIC MOTIVATION IN PREDICTING ECOLOGICAL AUTOMOBILE USE: THE MEDIATING ROLE OF GREEN SELF-EFFICACY WITHIN THE FRAMEWORK OF THEORY OF PLANNED BEHAVIOR	MS. VAISHNAVI NAMBIAR	MANIPAL UNIVERSITY JAIPUR, JAIPUR-AJMER EXPRESS HIGHWAY, JAIPUR, RAJASTHAN INDIA
54	UTILIZATION OF E-WASTE AS A PARTIAL REPLACEMENT OF COARSE AGGREGATE IN CONCRETE	MS. VIBHATI DEEPAK TIKLE	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
55	SHEAR CAPACITY ENHANCEMENT OF SLAB-COLUMN JOINT OF A FLAT SLAB SYSTEM USING ANSYS	MR. TANGUDU MANOJ	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
56	ANALYSIS AND DESIGN OF FLOATING CONCRETE AND ITS APPLICATIONS	DR. VIJAY KUMAR RAYABHARAPU	B.V. RAJU INSTITUTE OF TECHNOLOGY, NARSAPUR, TELANGANA, INDIA
57	REVOLUTIONIZING CONCRETE CONSTRUCTION: HARNESSING THE POTENTIAL OF LOW-SHRINKAGE OVER-BURNT CLAY BRICKS AS SUSTAINABLE COARSE AGGREGATE	MR. HEMANTH DEVOLLA	DEPARTMENT OF CIVIL ENGINEERING, MALLA REDDY ENGINEERING COLLEGE (A), HYDERABAD, TELANGANA, INDIA
58	A COMPREHENSIVE ANALYSIS OF WATER DISTRIBUTION NETWORK BY USING WATERGEMS SOFTWARE	MR. K. SURENDRA	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (A), DUVVADA, ANDHRA PRADESH, INDIA
59	NAVIGATING CITYSCAPES: INNOVATIONS IN URBAN MOBILITY AND INFRASTRUCTURE	MS. PRIYANKA KUMARAVEL	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI, TAMILNADU, INDIA
60	MUNICIPAL SOLID WASTE MANAGEMENT PRACTICES VS PUBLIC OPINION : A STUDY OF TELANGANA STATE	MRS. VASANTHA LAKSHMI MADDHINNI	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA

61	INNOVATIVE HDPE PLASTIC AGGREGATES IN CONCRETE: ENHANCING SUSTAINABILITY	MR. VINOD KUMAR RATOD	UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, HYDERABAD, TELANGANA INDIA
62	STUDY OF EFFECT OF MESH DENSITY IN THE GRILLAGE ANALYSIS OF A T-BEAM GIRDER ROAD BRIDGE FOR LIVE LOAD	G.RAGHAVENDRA	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
63	EXPERIMENTAL STUDIES ON MODIFIED WETLANDS USING PHYTOREMEDIATION	MR. B. JAGADEESH	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA

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S.No.	DR. A.HEMAMATHI	R.M.K. ENGINEERING COLLEGE, GUMMADIPOONDI, TAMILNADU, INDIA
1	DR. ALIYA NAZ	JINDAL SCHOOL OF LIBERAL ARTS AND HUMANITIES, O.P. JINDAL GLOBAL UNIVERSITY, SONIPAT, HARYANA, INDIA
2	DR. AMIT BIJON DUTTA	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, Maharashtra, INDIA
3	DR. B.SRIDHAR	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
4	DR. BHAVANA ARYA	MANIPAL UNIVERSITY JAIPUR, JAIPUR-AJMER EXPRESS HIGHWAY, JAIPUR, RAJASTHAN INDIA
5	DR. BIGITH V. B.	LOVELY SCHOOL OF ARCHITECTURE AND DESIGN, LOVELY PROFESSIONAL UNIVERSITY, PHAGWARA, PUNJAB, INDIA
6	DR. KANDAGAL NAGARAJA	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY HYDERABAD, TELANGANA INDIA
7	DR. KRITI VASHISHTHA	MANIPAL UNIVERSITY JAIPUR, JAIPUR-AJMER EXPRESS HIGHWAY, JAIPUR, RAJASTHAN, INDIA
8	DR. KUCHU JAYASREE	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
9	DR. M V S S SASTRI	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD, TELANGANA INDIA
10	DR. MADHURI BHAGAT	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR, MAHARASHTRA, INDIA
11	DR. RUCHI JOSHI	MANIPAL UNIVERSITY JAIPUR & NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR, HIMACHAL PRADESH, INDIA
12	DR. S.VIJAYA KUMAR	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
13	DR. VIJAY KUMAR RAYABHARAPU	B.V. RAJU INSTITUTE OF TECHNOLOGY, NARSAPUR, TELANGANA, INDIA
14	G.RAGHAVENDRA	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
15	KOTHLAPURAM RENUKA	V.N.R. VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, HYDERABAD, TELANGANA INDIA
16	MR. A MURALIDHAR	REVA UNIVERSITY, RUKMINI KNOWLEDGE PARK, KATTIGENAHALLI, YALAHANKA, BENGALURU, INDIA
17	MR. ACHINA PRASAD	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
18	MR. AHMAD SHAH ABRAHIMI	UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, HYDERABAD, TELANGANA INDIA
19	MR. B. JAGADEESH	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
20	MR. BALA BALAJI YARRAMSETTY	NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, TELANGANA, INDIA
21	MR. DO VINH DUONG	NGUYEN TAT THANH UNIVERSITY, VIETNAM
22	MR. HEMANTH DEVOLLA	DEPARTMENT OF CIVIL ENGINEERING, MALLA REDDY ENGINEERING COLLEGE (A), HYDERABAD, TELANGANA, INDIA
23	MR. JOYSON SILVA, P.	R.M.K. ENGINEERING COLLEGE, GUMMADIPOONDI, TAMILNADU, INDIA

24	MR. K. SURENDRA	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (A), DUVVADA, ANDHRA PRADESH, INDIA
25	MR. M.R. RAJAGOPAL	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA INDIA
26	MR. MAHESH KONA	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
27	MR. MARRI ROHINI KUMAR	SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR, ANDHRA PRADESH, INDIA
28	MR. PRATYUSH KUMAR GOYAL	NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR, CHHATTISGARH, INDIA
29	MR. RAJAT NAINWAL	LOVELY SCHOOL OF ARCHITECTURE AND DESIGN, LOVELY PROFESSIONAL UNIVERSITY, PHAGWARA, PUNJAB, INDIA
30	MR. RISHITH KUMAR VOGETI	BITS PILANI HYDERABAD CAMPUS, TELANGANA INDIA
31	MR. RUDRA AMARNATH BABU	UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, HYDERABAD, TELANGANA INDIA
32	MR. SAKSHAM CHHABRA	AMITY INTERNATIONAL BUSINESS SCHOOL, NOIDA, SECTOR 125, UTTAR PRADESH, INDIA
33	MR. SAMARTHI PRAVEEN	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA INDIA
34	MR. SIBYALA UMA MAHESWAR	NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL, TELANGANA, INDIA
35	MR. SURISETTI VAMSI HARISCHANDRA PRASAD	DEPARTMENT OF CIVIL ENGINEERING, GITAM UNIVERSITY, VISAKHAPATNAM, ANDHRA PRADESH, INDIA
36	MR. TANGUDU MANOJ	C.V.R. COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
37	MR. TEJESH KUMAR VADLAKONDA	V.N.R. VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, HYDERABAD, TELANGANA, INDIA
38	MR. THANH TRAN	INSTITUTE FOR ENVIRONMENT AND RESOURCES, VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY (VNU-HCMC), VIETNAM
39	MR. UDAYRAJ DUTT GARG	AMITY UNIVERSITY UTTAR PRADESH, NOIDA, UTTAR PRADESH, INDIA
40	MR. VAN HUU DAT	FACULTY OF BUSINESS ADMINISTRATION, NGUYEN TAT THANH UNIVERSITY, VIETNAM
41	MR. VINOD KUMAR RATOD	UNIVERSITY COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY, HYDERABAD, TELANGANA INDIA
42	MR. VIPUL H. VYAS	M. S. PATEL DEPARTMENT OF CIVIL ENGINEERING, CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY (CSPIT), FACULTY OF TECHNOLOGY & ENGINEERING (FTE), CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), CHARUSAT CAMPUS, CHANGA 388421, INDIA. , INDIA
43	MR. VIRENDRA DINESH GOMASE	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING ,NAGPUR, MAHARASHTRA, INDIA
44	MRS. AISHWARYA R	R.M.K. ENGINEERING COLLEGE, GUMMADIPOONDI, TAMILNADU, INDIA
45	MRS. DHATRI PUNUKOLLU	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
46	MRS. MONICA D	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI, TAMILNADU, INDIA
47	MRS. PRASANTHI PETLURU	B V RAJU INSTITUTE OF TECHNOLOGY, NARSAPUR, MEDAK, TELANGANA, INDIA
48	MRS. PUPALWAD ARTI SUDAM	V.N.R. VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, HYDERABAD, TELANGANA INDIA
49	MRS. VASANTHA LAKSHMI MADDHINNI	VASAVI COLLEGE OF ENGINEERING, HYDERABAD, TELANGANA, INDIA
50	MS. KRUTIKA MADKAIKER	AMITY SCHOOL OF ARCHITECTURE & PLANNING, AMITY UNIVERSITY UTTAR PRADESH, NOIDA, INDIA
51	MS. MADHUSMITA MOHARANA	DEPARTMENT OF CIVIL ENGINEERING, CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA, INDIA
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## MEDIA COVERAGE

# సాక్షి

## కాలువ్య రహిత

## నిర్మాణాల సాధనకు కృషి చేయాలి

అదార్శవాసం: కాలువ్య రహిత నిర్మాణాల సాధనకు ప్రతి ఇంజనీర్ కృషి చేయాలని మలేషియా యూనివర్సిటీ ప్రొఫెసర్ డాక్టర్ జాన్సన్ యు అలింగర్ అన్నారు. వానీ ఇంజనీరింగ్ కళాశాలలో నివేదిక ఇంజనీరింగ్ విభాగం 3వ ఇంజనీరింగ్ సదస్సును వానీ విద్యుత్తు అభివృద్ధి కార్యక్రమం కార్యక్రమం ప్రారంభించింది. ప్రారంభించారు. నివేదిక విభాగం హెచ్.పీ.సి. డాక్టర్ శ్రీధర్ ఆధ్వర్యంలో నిర్వహించిన అధ్యక్షాన్ని ఇన్ కాన్ఫరెన్స్ అండ్ కన్ఫరెన్స్ ఇంజనీరింగ్ ఫర్ సుస్టెనబిలిటీ-అసైన్సీ 2024 పేరుతో నిర్వహిస్తున్న ఈ అంతర్జాతీయ సదస్సులో మలేషియా, ఆస్ట్రేలియా, వియత్నాం, చైనా మరియు ఇంజనీరింగ్ ప్రముఖులు, ప్రొఫెసర్లతో పాటు పాల్గొనేటంతోని వివిధ రాష్ట్రాల యూనివర్సిటీల ప్రొఫెసర్లు ప్రత్యక్షం



అంతర్జాతీయ సదస్సును ప్రారంభిస్తున్న శ్రీధర్

గా, పీడీఎం కాన్ఫరెన్స్లో పాల్గొన్నారు. ఈ కార్యక్రమంలో ముఖ్యఅతిథులుగా పాల్గొన్న మలేషియా ప్రొఫెసర్ జాన్సన్, అస్ట్రేలియా మరియు కన్ఫెడ్రేట్ ఇంజనీర్ లిండుమాథ్ భారత దేశం నుంచి 36 ప్రతిపాదనలు విన్నారు. అనంతరం వారు మాట్లాడుతూ.. అభివృద్ధిలో యూనివర్సిటీలు భారతదేశంలో కాలువ్య రహిత నిర్మాణాల దిశగా ముందుకు వెళ్ళే ప్రయత్నం చేయాలని మరియు అభివృద్ధి నిలబడాలన్నారు. ప్రస్తుతం పాడుతున్న సెమింట్లో 100 గ్రాముల కార్బన్ డై ఆక్సైడ్ ఉత్పత్తి అవుతుందని,



పీడీఎం కాన్ఫరెన్స్లో మలేషియా నుంచి డాక్టర్ జాన్సన్ యు అలింగర్

భవిష్యత్తుకు ఇది అత్యంత ప్రయోజనకరమన్నారు. సిమెంట్లు బదులుగా ప్రత్యామ్నాయ మార్గాలను నేటి ఇంజనీర్లు ప్రపంచానికి పరిచయం చేయాలని ఆవహింస ఎంపికగా ఉందన్నారు. శ్రీధర్కు చెందిన పూర్ణిమ ఇంజనీరింగ్ కళాశాల ఈ సదస్సును భాగస్వామ్యంగా నిర్వహించగా వానీ ఇంజనీరింగ్ కళాశాల సైన్సిఫిక్ వి.దమణ, డాక్టర్ శ్రీధర్, డాక్టర్ ఎం.ఎస్.ఎస్ కాన్స్టిట్యూట్లు.