

2<sup>ND</sup> INTERNATIONAL CONFERENCE ON  
CIVIL ENGINEERING ARCHITECTURE AND  
SUSTAINABLE INFRASTRUCTURE

# **POST CONFERENCE REPORT**

ICCEASI - 22

Virtual Conference

9<sup>th</sup> & 10<sup>th</sup> February 2022

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## 1. Event Summary

Conference Name	:	International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (2 <sup>nd</sup> ICCEASI – 22) - virtual Conference
Date	:	9 <sup>th</sup> - 10 <sup>th</sup> February 2022
Conference Theme	:	Civil : Future Infrastructure
Auspice Organization's	:	Babu Banrasi Das University, Lucknow
Mode/Place	:	Virtual Conference
No of Delegates	:	95 Delegates

### 1.1 Overview of the Conference:

International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI - 22) held on 9<sup>th</sup> and 10<sup>th</sup> February 2022 Which is Organized by Babu Banrasi Das University, Lucknow in Association with the Institute for Engineering Research and Publication (IFERP).

New challenge and opportunity that emerge out of new applications and innovations every day in every aspect. New platforms are required to support and represent the emerging technology innovative ideas on research, Conferences give you the chance to listen to industry leaders and professionals and provides the opportunity to ask them questions in a face-to face environment, which you can't get from reading an article or academic. ICCEASI conference includes different fields of Civil Engineering like Geotechnical Engineering, Construction Management, Structures , Architecture, Environmental Engineering and Infrastructure. It provides a platform for research scholars, researchers from industry and academia to demonstrate their findings and studies. The conference brings together the members of research communities to enrich their knowledge in various emerging fields of research. The 2 days event is completely focussed on Civil Engineering and its Allied subjects but not limited

Call For paper:

- Green Construction Materials and Technology
- Construction Management
- Material Engineering
- Optimization and Innovation in Structural Design
- Environmental Impact and Green Design
- Local and Recycle Materials
- Structural Health Monitoring
- Assessment and Retrofitting
- Hybrid and Composite Structures
- Smart Materials and Structures
- Special Structures
- Structural Dynamic and Earthquake Engineering
- Structures in Severe Environment
- Disaster Mitigation and Restoration
- Water Conservation and Wastewater Management
- Water Resource Engineering
- Geotechnical Engineering
- Tunnel Engineering
- Transportation Engineering

## 1.2 Theme of the Conference

The goal of this civil engineering is to provide an online space for scholars from all over the world to present advances in the relevant fields and to foster a virtual environment conducive to exchanging ideas and information.

## 2. About the Conference:

The context of the conference is to foster as well as exaggerate the research culture among academia and industry facilitated by sprinkled out ideas by exchange of the intellect during conduct of the conference. Furthermore, the intent of the activity is to let the folks acquaint with transcendental growth, recent trends, innovations and security issues involved in the domain of Civil Engineering and it allied Subjects. Their impact on societal applications through various brainstorming sessions. The conference will facilitate the young researchers, industries and research agencies especially, those, who are carrying out their research work in the aforesaid domain of Computer Science, Information Technology, Electrical, Electronics and Communication Engineering with valuable discussions in order to make the outcomes more realistic

## 3. Conference Scope:

ICCEASI 2022 topics include, but are not limited to, the following research and developments in Civil Engineering and its allied subjects, Civil engineering is an excellent scope all over the world, population geometric is increasing in development have been enabled the need for an enduring and well-organized arrangement solutions. Development, sensor-embedded, geopolymer concrete, roads & buildings, in green buildings and water management will excite global civil engineering industry growth. Intensifying demand for erudite infrastructure conveyed by rising income levels along with accumulative investment in industry automation, smart networks, parking systems technologies and urban mobility, etc. International conference in civil engineering should determine civil engineering market growth. Global administration purchases baton where over USD trillion in 2015. Rising non-inhabited projects expenditure allied with public subsidy including, water supply, transportation, education, sewage & waste disposal streets & highways, are major contributors.

Types of civil engineering:

There are 12 types of civil engineering

- Construction engineering
- Structural engineering
- Geotechnical engineering
- Transportation engineering
- Water resources engineering
- Environmental engineering
- Municipal engineering
- Coastal engineering
- Earthquake engineering
- Material engineering

Master Programs Include :

- Structural engineering,
- Geotechnical engineering,
- Construction engineering and management,
- Environmental engineering and water resources,
- Engineering mechanics,
- Forensic Structural engineering

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

## 4. Inaugural Program

The day 1 of the conference started with welcoming all BBDU College Dignitaries, Chief Guest, Expertise keynotes followed by technical session chairs and participants

### 4.1 Welcoming and Opening Ceremony

Welcoming our Keynote Speakers, Founder & CEO, Technoarete Group and BBDU College Dignitaries for International Conference on Civil Engineering, Architecture and Sustainable Infrastructure, ICCEASI 2022

#### Mr. Rudra Bhanu Satpathy

CEO & Founder

Institute For Engineering Research and Publication (IFERP)



### Keynote Speakers

Dr. Young-Jin Cha

Associate Professor

University of Manitoba

Winnipeg, Manitoba, Canada



Dr. Anand Kishore Kola

Professor & Former HoD

Department of Chemical Engineering,

National Institute of Technology

Telangana, India



Prof Dr Munaz Ahmed Noor

Vice-Chancellor,

Bangabandhu Sheikh Mujibur Rahman Digital University (BDU)

Dhaka, Bangladesh



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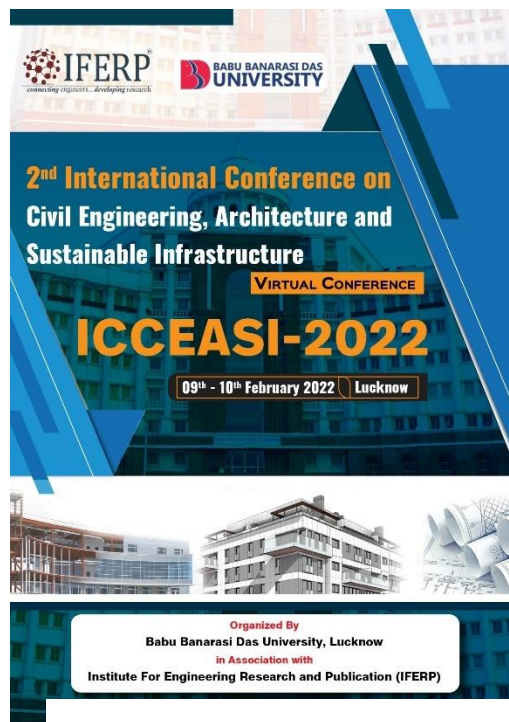
Followed by Inviting our technical session chairs and participants who joined the ICCEASI 22 Inauguration

## Technical Session Chairs

- Mr. Kamal Nabh Tripathi  
Assistant Professor, Babu Banarasi Das University, Lucknow
- Mr. Indresh Kumar  
Assistant Professor, Babu Banarasi Das University, Lucknow
- Mrs. Neeti Mishra  
Assistant Professor, Babu Banarasi Das University, Lucknow
- Mr. Bilal Siddiqui  
Assistant Professor, Babu Banarasi Das University, Lucknow
- Mr. Ankit Verma  
Assistant Professor, Babu Banarasi Das University, Lucknow
- Mr. Faraz Khan  
Assistant Professor, Babu Banarasi Das University, Lucknow

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### 4.1 Proceedings Book Release



#### UPCOMING CONFERENCES



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#### SUPPORTED BY



## 4.2 Keynote Sessions :

Dr. Young-Jin Cha

Associate Professor

University of Manitoba

Winnipeg, Manitoba, Canada



Prof. Cha's essential interest includes the development of advanced deep learning methods for smart sustainable structural systems using advanced structural health monitoring system and control technologies

Dr. Cha is a tenured Associate Professor in the Department of Civil Engineering at the University of Manitoba, and he was listed as top 0.45% cited scientist in the Civil Engineering field and top 2% cited scientist in all areas of science and engineering in 2021 based on Mendeley Data. Previously, he served as a Postdoctoral Associate position in the Department of Civil & Environmental Engineering at the Massachusetts Institute of Technology (M.I.T). He received his Ph.D. in structural engineering from Texas A&M University, College Station, Texas in 2008.

### Research Interests:

- His main scientific research interests are categorized as self-monitoring, healing, and controlling multi-functional sustainable structural systems.
- Consequently, the following are possible areas of research:
- Deep Learning-based structural health monitoring (SHM) for sustainable civil structures
- Deep Learning-based engineering problem solving
- Deep Learning-based smart structure design and control
- Autonomous navigation of unmanned aerial vehicles for SHM
- Automation of civil engineering problems.
- Nonlinear system identification based on Bayesian recursive estimation
- Unsupervised approaches for damage detection using deep learning.
- Optimal sensor distribution of wireless sensors for SHM
- Structural modal updating based damage detection
- Passive, active, semi-active, and hybrid control for sustainable high-rise building and bridges subjected to multi-hazardous loads to improve resiliency and reliability
- Effective performance-based design for multi-hazards (i.e., wind, seismic, blast, and impact) of high-rise buildings and bridges
- Large-scale real-time hybrid testing of civil structures for natural or man-made hazards
- Structural dynamics and nonlinear model and seismic design and analysis
- Self-monitoring, self-healing, and self-controlling structural units for sustainable infrastructures



Dr. ANAND KISHORE KOLA

Professor & Former

Department of Chemical Engineering

National Institute of Technology, Warangal, Telangana



**Education:**

- Ph.D in Chemical Engineering from National Institute of Technology, Warangal, Telangana
- Master of Business Administration (MBA) in Human Resource Management (HRM) from DDE, Pondicherry University, Pondicherry.
- Master of Arts (M.A) in Sociology from SDLCE Kakatiya University, Warangal, Telangana.
- Bachelor of communication and Journalism (BCJ) from SDLCE Kakatiya University, Warangal, Telangana

**Research Interests:**

Environmental Engineering, Energy, Advanced Separation processes, Modeling, Simulation and Optimization, Biochemical Engineering, Waste water treatment, Membrane separations, Reactive distillation, Inverse fluidization, Pharmaceuticals and nanotechnology.

**Teaching & Research Experience:**

Twenty two years of experience in teaching different Chemical Engineering courses and Research since 26.02.1999 to till date at the Department of Chemical Engineering, National Institute of Technology (Formerly Regional Engineering College) Warangal, TS, India



Prof Dr Munaz Ahmed Noor

Bangabandhu Sheikh Mujibur Rahman Digital University (BDU)

Telangana, India Dhaka, Bangladesh





In the history of the Bangali Nation, the historic 7 March speech is an unforgettable event. In this day, our Father of the Nation, Bangabandhu Sheikh Mujibur Rahman, declared two significant things. He declared the independence of Bangladesh and economic emancipation. We got our independent Bangladesh after nine months of independence war under his leadership. However, our economic liberation, which is his Sonar Bangla, couldn't be achieved in his hands as he, along with his many family members, was brutally killed on 15 August 1975. Now, the daughter of the Father of the Nation, our Honorable Prime Minister Sheikh Hasina, is fulfilling her father's dream to create Sonar Bangla, which, in her words, is "Digital Bangladesh," whereby we will become a middle-income country by 2021 and a developed country by 2041. Now, this newly established "Bangabandhu Sheikh Mujibur Rahman Digital University," based on its name, has both Bangabandhu and Digital Vision. Therefore this university is vital to the Bengali Nation. Bangabandhu Digital University (BDU) has the mandate to establish, sustain, and support the Digital Bangladesh vision. This is a significant and challenging responsibility for all the staff members, faculty members, and students of this university. This digital university should retain the heart of a traditional university while at the same time will embrace new tastes, new literature, and new values. I am grateful to our Hon'ble Prime Minister for entrusting me with this immense responsibility. The vision of this digital university is to become the world's leading teaching, learning, and research universities in science, technology, and engineering. Our mission is to reduce the skills gap that exists between the industry and academia. We would like to produce competency-based human resources so that they can immediately contribute to nation building after graduation. Students preparing for the digital age must understand the basics of STEM. Our vision is to create an online learning platform for all citizens of Bangladesh. Everybody should be in the workforce. With this online platform, learning will be individualized and may provide more choices for the citizens who, in the past, had only limited choices. This will not replace the traditional classroom but enhance it. We need to promote education that teaches reason, values, analysis, and even invention. Future workers should be flexible, inventive, creative, and able to work in teams. The future is limitless, but to reach it, we need new concepts of education, learning, and teaching. This digital revolution will sweep away all the old darkness and old practices. We cannot fight it, but we can adapt to it. It is a new age, and it is time for us to acknowledge the value and idea of a digital university.

## 5. Conference Organizing Committee

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Patron	
	<p><b>Mr. Viraj Sagar Das</b>  Hon'able President  Babu Banarasi Das Group, Lucknow</p>
	<p><b>Prof. (Dr.) Arun Kumar Mittal</b>  Hon'able Vice Chancellor  Babu Banarasi Das University,  Lucknow</p>
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	<p><b>Prof. (Dr.) Omprakash Netula</b>  Head, Department of Civil  Engineering  Babu Banarasi Das University,  Lucknow</p>

Steering Committee Members	
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	<p><b>Mr. Ankit Verma</b>  Assistant Professor  Babu Banarasi Das University, Lucknow</p>
	<p><b>Mr. Bilal Siddiqui</b>  Assistant Professor  Babu Banarasi Das University, Lucknow</p>

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	<p><b>Mr. Kamal Nabh Tripathi</b> Assistant Professor Babu Banarasi Das University, Lucknow</p>

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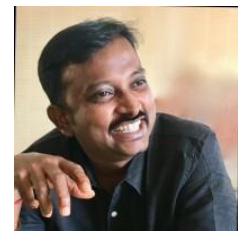
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  - **Nani Babu Gongati**  
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Assistant Professor, Civil Engineering, S.R.K.R Engineering College, Andhra Pradesh
- **Vikas Mendi**  
Assistant Professor, Civil Engineering, R V College of Engineering, Bengaluru

## 6. Scientific Sessions:

Day	Session	Topic
Day 1	Technical Session I	Civil / Soil / Transportation Engineering & Architecture
	Technical Session II	
Day 2	Technical Session III	

### Technical Session I:

Session Timings: 11.30 AM to 1.30 PM

S.No	Paper id	Paper Title	Author Name	Co Author Name
1	ICCEASI_2511802471	Investigation Of The Participatory Approach To Decision Making For Urban Regeneration Intervention	Sumana Jayaprakash,	Dr. Vimala Swamy,
2	ICCEASI_3011367180	Review Of Natural Fiber Suitability For Asphalt Strength Enhancement	Shobha Rani Nadupuru	R.K.Jain , Deepa A. Joshi, Radhika Menon, Gobinath.R
3	ICCEASI_0312492173	Treatments And Conditioning Methods For Partial Removal Of Clung Mortar In Recycled Concrete Aggregate – A Review	Shalaka Nirantar	Premanand Naktode
4	ICCEASI_0612102374	Analysis Of Drainage Network Capacity In Rawa Jaya Area, Ilir Timur I Sub-District, Palembang	Sartika Nisumanti	Norma Puspita, And Afrenzi Edwi



5	ICCEASI_06120 49785	Development Of Implementation Methodology For Site Waste Managem Ent In Road And Highway Construction Industry	S Rahul Raj	Akshaykumar .V. H
6	ICCEASI_07123 82904	Studying Psychodynamic Influences Towards Rejection Of Low Cost Houses By People In Tamilnadu	Komagal Anupama K	C V Subramanian
7	ICCEASI_08125 38469	Robustness Evaluation Of Pier Luigi Nervi Work: Autogrill Motta A Modern Paradigm For Conceptual Design Of Structures	Valeria Gozzi	Bernardino Chiaia
8	ICCEASI_09127 35486	Visual Scape Analysis Of A Heritage Town	R. Saravana Raja	P.Gopalakrishnan
9	ICCEASI_16126 93728	Planning And Design Of Indonesian Cultural Park Tourist Object In Palembang (Case Study: Taman Nusa Gianyar Bali Cultural Tourism Object	Endang Sri Lestari, St., M.T.	Anta Sastika, S.T., M.T. , Muhamad Herman Felani
10	ICCEASI_14120 78524	Stilling Basin Model Designing – A Review	Subodh Kant Pandey	H.L. Tiwari
11	ICCEASI_18127 51830	Nagavali River Basin Flash Flood Simulation Model	R. Venkata Ramana	V. S. Jeyakanthan
12	ICCEASI_19126 74590	Prospecting The Barricades For Administering Construction Waste Trading Practices In The Construction Industry Up India	Mohd Asim	Imran Abbas Naqvi , Syed Aqeel Ahmad

## Technical Session II

**Session Timings: 02.15 PM – 06.00 PM**

13	ICCEASI_18120 42951	Identify The Construction Project Managers' Soft Skills And Their Benefaction To Project Accomplishment	Mohd Asim	Rida Ahmad 2 , Zishan Raza Khan
14	ICCEASI_18125 43108	Procedure For Enacting Smart Devices In The Construction Industry (U.P. Region).	Mohd Asim	Ankit Gupta 2 , Syed Aqeel Ahmad 3
15	ICCEASI_18126 73102	Measurement And Evaluation Of Indoor Work Environment In An Industrial Environment	Dharmendra Jariwala	Robin Christian
16	ICCEASI_20128 63751	Temperature Variation Of Pavement Design In India	Dhiraj Yadav	Dr.Bhalechandra V.Khode
17	ICCEASI_21123 87526	Confirmation According To Several International Codes On The Perfect Compatibility Of The Algerian Earthquake Regulations With The Seismic Base Isolation	Ounis Hadj Mohamed	Bezih Kamel

		Technique Of The Buildings.		
18	ICCEASI_28122 46175	Static And Free Vibration Analysis Of Multiscale Composite Plate Structure Using Reddy's Hsdt Mathematical Model	Ravi Kumar	Ajay Kumar
19	ICCEASI- 2022_LUC_0089	Barriers In The Green Building Practices Adoption: A Stakeholder's Perception	Shravan Kumar Macherla	Sunny Agarwal
20	ICCEASI_24123 80671	Potential Of Elderly Housing In India: A Post Pandemic Scenario	Akash Pandey	Dr Venu Shree
21	ICCEASI_24123 79501	Characteristic Compressive Strength And Modulus Of Elasticity Of A Geo Polymer Concrete	Suyog S Pawar	Vivek Jayale
22	ICCEASI_25126 49073	Earthquake Resistant Structural Design Of Rcc Tall Chimney	Shankar Debnath	Dr. Arghya Ghosh
23	ICCEASI_26126 47031	Reservoir Water-Spread Area Estimation Using Microwave Satellite Data	Jeyakanthan, V.S	Venkataramana, R.
24	ICCEASI_27127 26930	Three-Dimensional Finite Element Analysis For Parametric Study Of Tbm Driven Tunnel	Poorva Moghekar, Rutuja Reure, Ashlesha Solanke	M.S. Ranadive
25	ICCEASI_26123 56984	Assessment Of The Land Use/Land Cover Changes In The Gomti River Basin In Tripura Using Spatial Tool	Subhrajyoti Deb	Rajat Dey, Rudrajit Deb
26	ICCEASI_27121 76384	Prospects Of Cost-Effective Building Structures In India: A Focus On Eco Sensitive Vernacular Traditions In Contemporary Architecture	Priyanka Mishra	Anashuiya Bhattacharya
27	ICCEASI_27122 40938	Analysis Of Damaged Cables Of Cable Stayed Bridges – A Review	Aarsha Degvekar	Purnanand P Savoikar
28	ICCEASI_27120 14657	Lateritic Geo-Polymer Concrete – A Review	Jagruti Majalkar	Dr. Purnanand Savoikar
29	ICCEASI_28121 42983	Influence Of Rheometer Type And Concrete Constituents On Rheology Of Concrete – A Review	Rhea Fernandes	Purnanand P Savoikar
30	ICCEASI_28126 29015	Strength Properties Of Roller Compacted Concrete Pavements Containing Varying Proportion Of Fly Ash	Raksha Khandare	Rajendra Magar
31	ICCEASI_28123 49618	Role Of Mushroom In Decolorisation Of Dyes- A Literature	Ashwini Modi	Dr Anand Babu K

### Technical Session III

Session Timings: 10.30 AM – 01.30 PM

32	ICCEASI_28124 97810	Optimization Of Building Orientation And Wwr For Daylight In Residential Building In The Subtropical Highland Climate.	Venu Shree	Jai Prakash
33	ICCEASI_28124 03627	Analytical Study Of Seismic Behaviour Of Composite Structure Of Industrial Building Using Staad Pro V8i	Bapan Debnath	Dr Suman Andey
34	ICCEASI_28124 81792	Design Of Fully Composite Load-Bearing Precast Concrete Sandwich Panels	Rohan Dasgupta	Rajendra Magar
35	ICCEASI_28122 38965	Seismic Retrofit Of An Existing Rcc Residential Building Using Non Linear Time History Approach	Rohit Kumar	Ajay Kumar
36	ICCEASI_28121 94087	Stabilization Of Expansive Clay Soil With Sugarcane Bagasse Ash And Sawdust: An Experimental Study	M.Gurusamy	M.Jothi
37	ICCEASI_28123 51674	Review Of Non-Destructive Test Methods In The Assessment Of Concrete Structures	Gauravi Gade , Ram Raut , Nikhil Rasekar	Assistant Pro. Vivek Jayale
38	ICCEASI_28123 49186	To Study The Effect Of Wind Load On Multi-Storied Building With Different Shapes	Nidhi Subhash Gosavi	Vaishali Mendhe
39	ICCEASI_28124 26930	Study Of Behavior Of Multi-Storied Building On Regular And Irregular Structure Subjected To Seismic Load With Different Zones	Deenay Ambade	Vaishali Mendhe
40	ICCEASI_28127 92850	Traditional Brick Masonry Wall And Wall Made By Aac Block- A Comparative Study Considering State Tripura	Ashim Paul	Dr. Manish Sakhlecha
41	ICCEASI_28125 12034	Vibration Analysis Of Composite Beam With Shear Flexible Interface	Prashant Kumar	Dr Ajay Kumar
42	ICCEASI_29126 17352	Geotechnical Aspects Of Some Earthen And Gravity Dams In India	Sajal Kamat	Purnanand P Savoikar
43	ICCEASI- 2022_LUC_0003	Seismic Response Of Steel-Framed Buildings Resting On Hill Slopes	Mohd Asad Rehmani	Noorul Bashar
44	ICCEASI- 2022_LUC_0004	Evaluating The Impact Of Climate Change On Construction Workers Productivity And Safety	Mohd Amaan Alam	Mohd Asim
45	ICCEASI-	Analysis And Design Of Pre - Engineered Steel Building For Airbus A-380 Hangar Using Is	Mohammed	Mohammed Ahmed

	2022_LUC_0008	Codes.	Moiz	Hussain
46	ICCEASI-2022_LUC_0013	Nonlinear Modeling For Prediction Of Undrained Shear Strength Of Soil	Rahul Ramdas Wankhade	Dr. P. V. Durge
47	ICCEASI-2022_LUC_0019	Comparison Of Performance Of Natural And Chemical Coagulant And Blend Of These Coagulant	Swaraj Bharti	Shailza Verma
48	ICCEASI-2022_LUC_0023	Irregular Building Configuration With Fixed Base And Flexible Modified	Deepa S A	I.R.Mithanthaya B , S.V.Venkatesh C
49	ICCEASI-2022_LUC_0024	A Study To Enhance The Reliability Of Construction Materials Management Adopting Ict Tools	Sacchidanand Pandey	Mohd Asim, Syed Aqeel Ahmad
50	ICCEASI-2022_LUC_0027	Simulation Analysis For Different Arrangements Of Piers Using Ansys-Cfd	Dr, (Ms.) S V S N D L Prasanna	Anusha Minnapuram
51	ICCEASI-2022_LUC_0028	Characteristics Of High-Speed Asphalt Pavement Deflection Basin Under Different Structural States	Jianwei Fan	Yajing Zhu

#### Technical Session – IV

**Session Timings: 02.15 PM – 5.45 PM**

52	ICCEASI-2022_LUC_0035	Inner Dimension Detection Of Open And Buried Crack In Asphalt Pavement Based On Rayleigh Wave Method	Yajing Zhu	Jianwei Fan
53	ICCEASI-2022_LUC_0036	Flyash Based Geopolymer Concrete - A Review	Mr.Balamurali R T	Dr.K.Mahendran
54	ICCEASI-2022_LUC_0037	Multi Objective Optimization Of Space Layout For Energy Efficient And Cost-Effective Building	Harshalatha	Dr.Shantharam Patil,Dr.Pradeep G Kini
55	ICCEASI-2022_LUC_0039	Effect Of Varying Temperature And Crumb Rubber Content On Properties Of Waste Tyre Rubber Modified Bitumen	L. K. Kokate	Dr. R. M. Damgir
56	ICCEASI-2022_LUC_0043	Application Of Erp System For Implementation Of Labour Welfare	Sachin Nalawade	Dr Atul R Kolhe
57	ICCEASI-2022_LUC_0046	A State-Of-Art Review Of Dynamic Analysis Of Piping System Subjected To Seismic Excitations	Jagruti Divakar Patil	Prof. Dr. Kishore Ravande
58	ICCEASI-2022_LUC_0050	Design And Analysis Of High-Rise Buildings Using Software	Mayur J	Spandana Murthy

59	ICCEASI-2022_LUC_0051	A Review Of Overtaking Behavior Of Non-Motorized Vehicles In Mixed Traffic On Urban Roads	Ankit Kumar Pathak	Bilal Siddiqui
60	ICCEASI-2022_LUC_0054	Behavior Of Self Compacting Concrete Under Different Temperature And Climate Condition	Shivam Verma	Mr. Bilal Siddiqui And Dr.Om Prakash Netula
61	ICCEASI-2022_LUC_0071	Review Paper On Design Of Traffic Signals At Non-Signalized Intersections Using Webster's And Irc Method	Pranav Kumar Pal	Kamal Nabh Tripathi
62	ICCEASI-2022_LUC_0073	A Review On Dynamic Analysis Of Outrigger Systems In High Rise Building Against Lateral Loading	Vandana Kushwaha	Neeti Mishra
63	ICCEASI-2022_LUC_0076	Dealing With Saturated Zone (Aquifer/Water Pocket) & Groundwater Inflow In Urban Tunneling With Tbm	Ganesh S Ingle	Kshitij K Dhawale
64	ICCEASI-2022_LUC_0078	:E-Waste Characterization, Management And Utilization In Construction Industry-A Review	Ganesh S Ingle	Nikhil Patkar
65	ICCEASI-2022_LUC_0087	Modeling Migration Of Arsenic Contaminated Groundwater Using Modflow: A Case Study	Supriya Phurailatpam	
66	ICCEASI_2312083517	A Comparative Analysis On The Enhancement Of Internal Curing Of Latex Modified Concrete With Brick Aggregate, Nanoparticles Of Al <sub>2</sub> O <sub>3</sub> , And Cotton Threads	Ramu Debnath	Manish Sakhlecha, Badrinarayan Rath
67	ICCEASI-2022_LUC_0096	Seismic Analysis Of Cable-Suspended Concrete Deck	Pankaj Kumar	Gurmail S. Benipal
68	ICCEASI-2022_LUC_0097	Conceptualizing Residential Open Space In Contemporary Houses	Richa Gupta	Dr. Mahendra Joshi

## 6.2 Highlights of Technical Session – Day 1

Day 1 of 2<sup>nd</sup> ICCEASI Conference consist of paper presentations from Civil/ Soil Engineering & Architecture which each session consist of 31 presentations

Session I of 2<sup>nd</sup> ICCEASI Conference consist of 31 presentation in which the presentation which attracted all is listed below

## Enjoyed Research Papers:

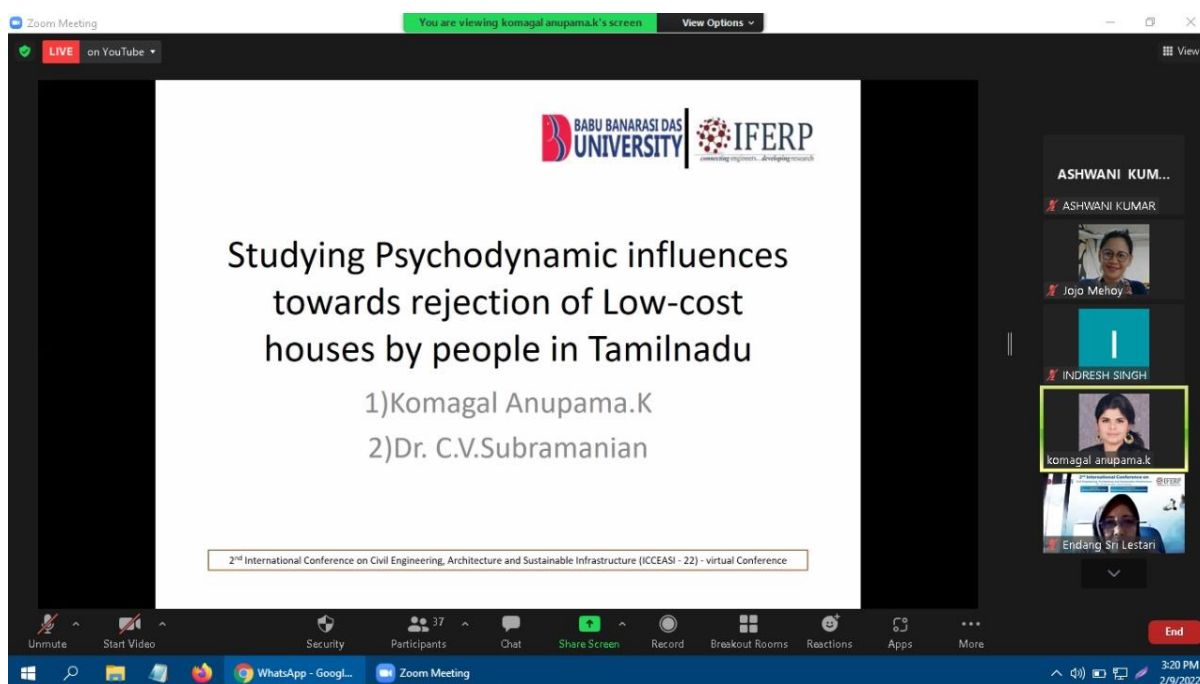
### Highlight of Session I

**Paper Title:** Studying Psychodynamic Influences Towards Rejection Of Low Cost Houses  
By People In Tamil Nadu

**Authors & Co Authors :** Komagal Anupama K & C V Subramanian

In modern communities the terms like “Low Cost”, “Cost Effective” & “Under Priced” prefixed by the building / Housing Industry for the design of building structures/ Houses which is primarily to fulfill the basic need i.e., Shelter. For Found that the people have deeper negative connotation to their life space and particularly towards accepting the attributes of the low-cost Housing mentally and physically. It seems to be a prevailing conception that the low-cost houses are substandard in all aspects. However, people at large, reject the low-cost houses in Tamilnadu. Perhaps, it is learned that there are definite internal processes that influences the people’s attitude towards rejecting the low-cost building structure as their physical setting for living. In light of this fact, this paper attempts to study and explore the psychodynamic factors that influences rejection of Low-cost houses in Tamilnadu In pursuit of this, the people’s psychodynamic aspects like: needs, drives, emotions, thoughts, feelings, rational thinking, cognition, anxiety, pride, desires are assessed and analyzed by ANOVA analysis – Minitab to verify the variation between in the hierarchy of the factors and also ranked by applying Henry garret(HG) ranking method. The results indicate that certain psychodynamic components are strongly responsible for rejection and whereas certain others are moderate in rejecting and few others are low in influencing the rejection of Low-cost houses by people in Tamilnadu.

Index Terms— Affordable Housing, ANOVA analysis, Henry Garret, Psychodynamics.



**Paper Title:** Review of Natural Fiber Suitability for Asphalt Strength Enhancement

**Authors & Co Authors:** Shobha Rani Nadupuru, R.K.Jain , Deepa A. Joshi, Radhika Menon & Gobinath.R

Development of a country relies directly on the road network it contains which serves as the backbone of economy. Roads or in technical term pavements are considered not only supportive to economy but for the social development, due to the urbanisation and industrialisation need for better road infrastructure which can hold more load, durable and also sustainable is increasing across the globe. Strength of pavement is directly proportional to the design mix used, material quality, subbase structure, material in subbase, environmental conditions in that area etc. Certain parameters cannot be controlled by the pavement designers which force them to go for high strength material to avoid deterioration and to increase durability. One such method adopted worldwide is to incorporate fibers into the binding material (bitumen, tar) which will increase the strength of the binder and in turn the strength of the pavement constructed. In this work, we had reviewed the need for fiber incorporation, methods of fiber addition, types and nature of fibers used and its impact on strength, durability and other aspects of pavement. Systematic review is done to analyse the need for fiber usage and the materials used to ascertain the impact it has in modifying the properties of bitumen and in turn the pavement as a whole. Both natural and manmade fibers being used effectively across the globe for this purpose, this review provides an insight into the method of utilising various fibers for better performing bitumen based pavement.

**Keywords:** fibers, natural fibers, bitumen, fiber added bitumen

## **Session II:**

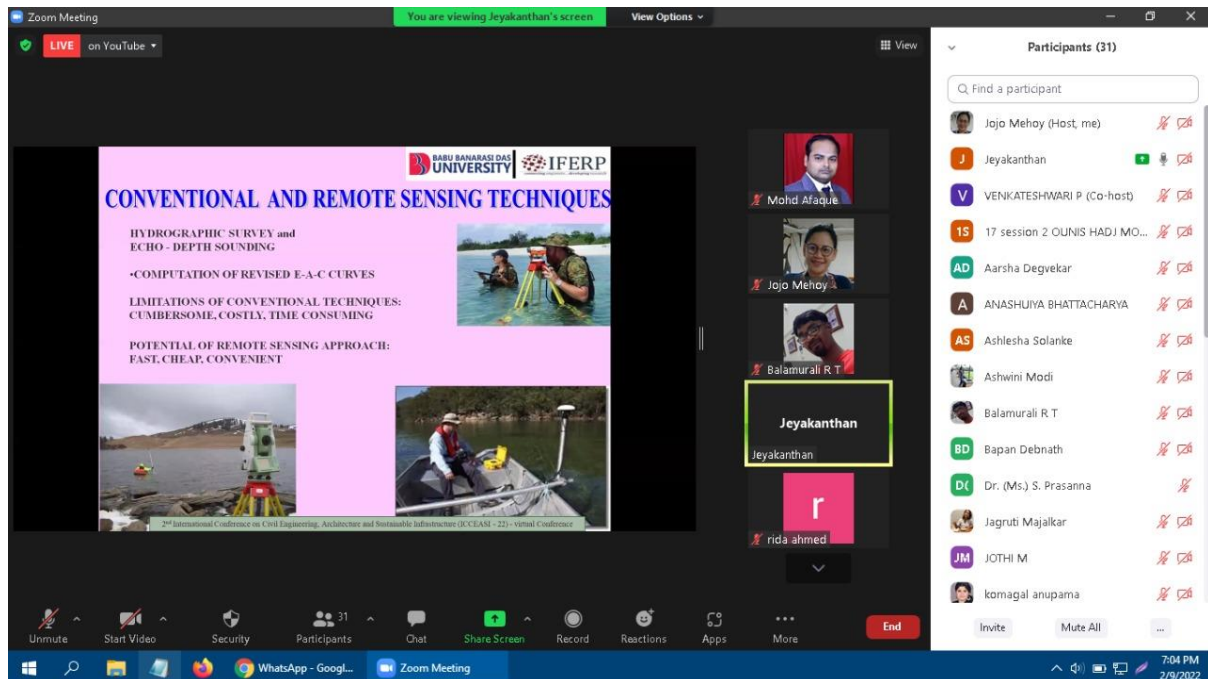
**Paper Title:** Reservoir Water-Spread Area Estimation Using Microwave Satellite Data

**Authors & Co Authors:** V.S.Jeyakanthan, R.Venkataramana, J.V.Tyagi, Y.R.Satyaji Rao

Optic remote sensing provides information on elevation contours, in the form of water spread area of reservoirs, which is the only thematic information required to assess the sedimentation in a reservoir. However, due to the presence of cloud in the optic satellite data during monsoon and other extreme weather conditions it cannot be used. To overcome this situation microwave satellite data (Sentinel 1-SAR) is used on Hirakud reservoir wherein, most of the year it is covered by clouds. For the year 2015, six SAR pass were available between the water level 181.23 m (near MDDL) and 190.19m (near FRL). The pre-processing techniques were applied to all the six SAR, dual polarized data. The VV+VH data thresholding methodology was utilized to identify the water pixels. It was found that the water pixels contain values ranging from -39.43db to -19.82db, these pixels were extracted, and the water spread area occupied by all the six SAR data were estimated. This study shows that reservoir water spread and in turn the amount of sediment deposited in a reservoir can be effectively estimated using Sentinel1-SAR, which is a replacement to the cloud covered optic data.

**Keywords:** Reservoir sedimentation, Water spread area, Synthetic Aperture Radar (SAR), Sentinel-1A.





**Paper Title:** Temperature Variation of Pavement Design In India

**Authors & Co Authors:** Dhiraj Devendra Yadav & Dr.Bhalchandra V.Khode

Pavement behavior is greatly affected by climatic conditions. Temperature is the only one climatic factor that controls the mechanical properties of pavement design. Flexible pavement design is done through Indian Road Congress (IRC):37-2012. Thus contribution of temperature in each layer of Pavement is important. Major Highway in India are primary of flexible pavements, so we will consider flexible pavement for our analysis. This paper presents design of pavement considering variation of elastic modulus value month wise throughout the year and compare old pavement design using IRC:37-2012. Temperature Model has been proposed to determine temperature of pavement monthwise. Relation between air temperature and pavement temperature is used and how are they dependent. Latitude of Location is used in determining pavement temperature.

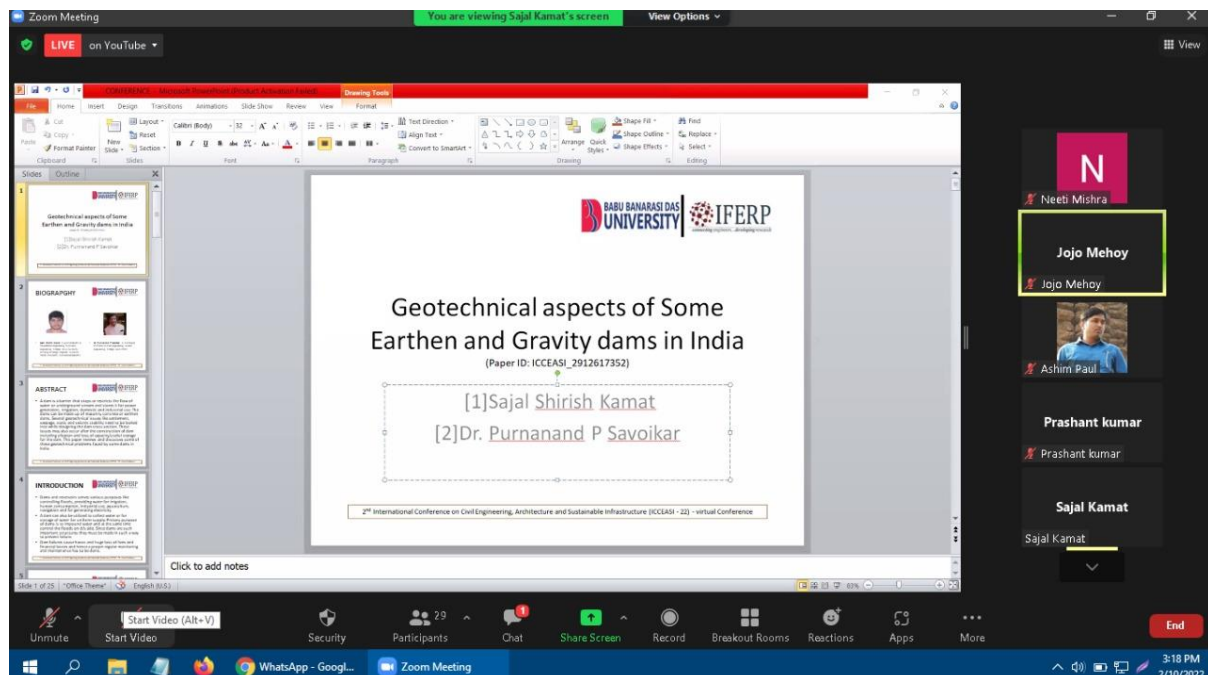
**Keywords:** pavement, temperature, pavement temperature model



**Authors & Co Authors:** Sajal Kamat & Purnanand P Savoikar

A dam is a barrier that stops or restricts the flow of water or underground stream and stores it for power generation, irrigation, domestic and industrial use. The dams can be made up of masonry, concrete or earthen dams. Several geotechnical issues like settlement, seepage, static and seismic stability need to be looked into while designing the dam cross section. These issues may also occur after the construction of dam including siltation and loss of capacity/useful storage for the dam. This paper reviews and discusses some of these geotechnical problems faced by some dams in India including the case study of dams in Goa. Salaulim Dam is major source of water for the entirety of South Goa and hence its stability is a major importance to the state. Anjunem dam is straight gravity type masonry dam of length 176 m and height of 42.8 m, provided with flip bucket type energy dissipation devices. This study investigates the settlement, seepage and storage issues for Anjunem and Salaulim dam in Goa.

**Index Terms**— Seepage; settlement; stability; Salaulim dam; Anjunem dam



**Paper Title:** Irregular Building Configuration With Fixed Base And Flexible Modified

**Authors & Co Authors:** Deepa S A, I.R.Mithanthaya B & S.V.Venkatesh C

Now a day's irregular building contribute to modern infrastructure. It is important to know the behavior of building subjected to irregularity. Irregularity deals with configuration means deals with arrangement of the parts of structure. If the arrangement of parts of structure are irregular then how it effects the seismic analysis of structure. There building configuration types are regular, horizontal and other is vertical. Configuration. Horizontal and Vertical configuration deals with how the parts are arranged horizontally and vertically. The configuration of structure effects the building during sever earthquake and causes damage. Many of the previous damage shows us that it is important to study about irregular structures. The damage happens even with good design. In the present study the

building is analyzed with base as fixed whereas, in reality the building rests on the soil. The software chosen should analyze the building considering soil structure interaction and nonlinear conditions.

In this study a 3D model is analyzed using SAP 2000V19.2.1 software. Two models are considered for analysis one with fixed base and other with flexible soil base (MWM). Analysis is performed on a 10 storey, 3D vertically irregular building. The building with fixed base and with flexible soil base (MWM) is analyzed for nonlinear analysis. The results obtained for irregular building is compared for fixed base and flexible base. The difference in displacement, base force, hinge formation and time period are noted. The building which projects improved practical outcome can be selected for upcoming reference.

**Keywords:** Nonlinear analysis , Fixed base, Modified Winkler method(MWM).

#### Session IV:

**Paper Title:** Flyash Based Geopolymer Concrete - A Review

**Authors & Co Authors:** Mr.Balamurali R T & Dr.K.Mahendran

Urbanization increases the demand for modern building construction and development in the country. Therefore the continuous growth in the construction industry is to be done to fulfill the need of the people and make a comfortable living. Concrete is an essential material used in construction, so Cement is required in large amounts for making cement concrete structures. The manufacturing of Cement emits carbon dioxide, which is harmful to our environment. The fly ash, ground granulated blast furnace slag, rice husk ash, quartz powder, etc., are the binding materials used when it mixes with Alkaline Activator Solution (AAS) in Geopolymer concrete. These sustainable waste materials are beneficial to reduce the production of Cement and reduce CO<sub>2</sub> emission. This paper reported the binders used to produce Geopolymer concrete and their Physical and Mechanical properties, including Curing methods and concrete mix design.

Zoom Meeting | You are viewing Balamurali R T's screen | View Options

LIVE on YouTube

**BABU BANARASI DAS UNIVERSITY** | **IFERP**  
innovating solutions... developing research

**FLYASH BASED GEOPOLYMER CONCRETE - A REVIEW**

**R.T.Balamurali<sup>1</sup> K.Mahendran<sup>2</sup>**

<sup>1</sup>Research Scholar & Assistant Professor    <sup>2</sup> Professor & Director

**Centre for Rural Technology, Gandhigram Rural Institute-Deemed to be University, Gandhigram, Dindigul District, Tamil Nadu 624302**

2<sup>nd</sup> International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI - 22) - virtual Conference

Participants: 24

Unmute | Start Video | Security | Chat | Share Screen | Record | Breakout Rooms | Reactions | Apps | More

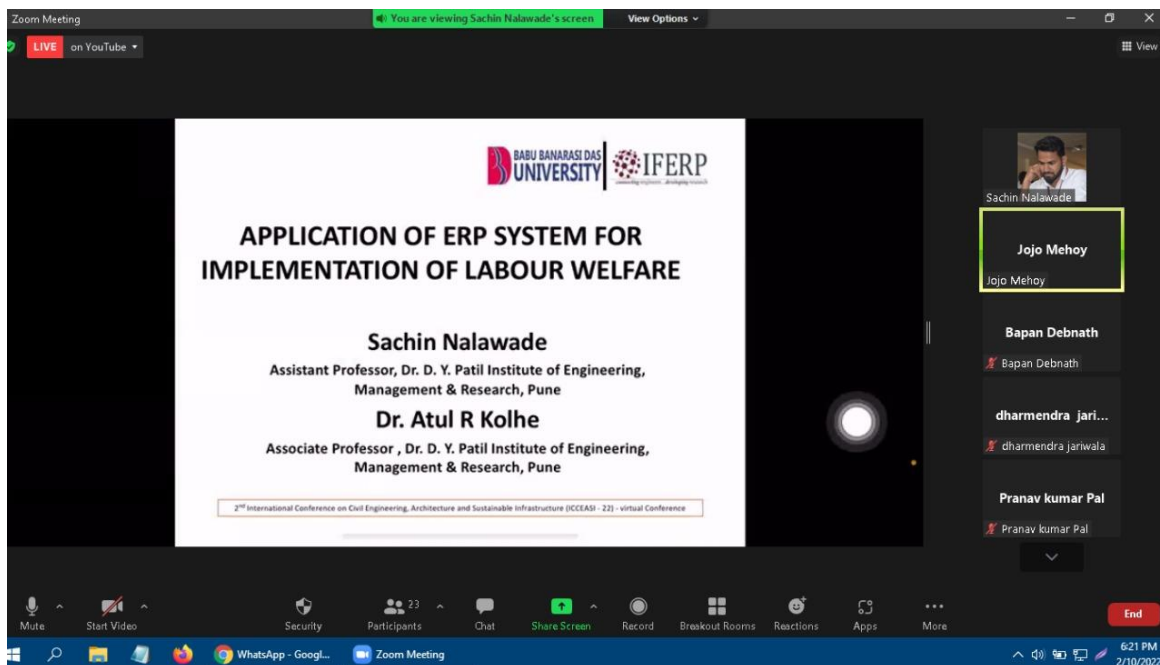
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Participant List:

- Sachin Nalawade
- Jojo Mehoy
- Balamurali R.T.
- dharmendra jari...
- Pranav kumar Pal

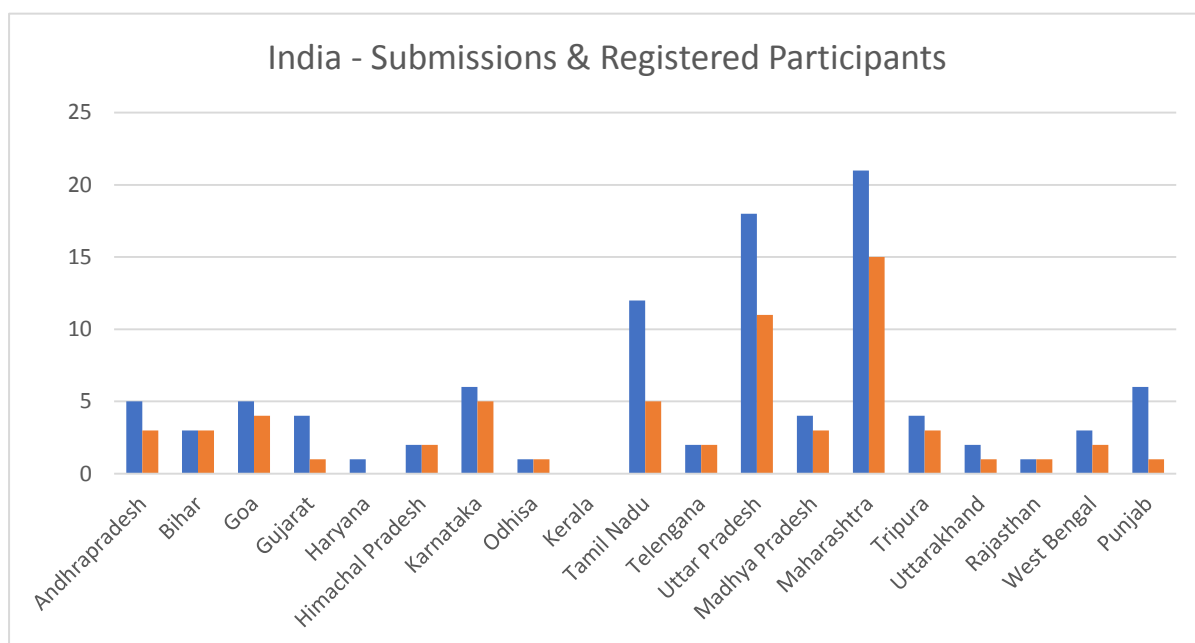
Digitalization has become inseparable part of almost every sector of engineering. Construction industry is no more an exception to it. Today, construction industry depends on technology to enhance effective management of construction activities. Companies are using an information system that can handle massive workloads. This is where the Enterprise Resource Planning (ERP) system has come into picture. An ERP integrates different activities on one platform that shares one database. It enhances productivity and gives more profit to companies. The construction industry seems to be complex sector with vast labor intensity. Managing and monitoring this huge human resource has many barriers till present date. As such, many local and migrated labors in regular situation and in situation of COVID-19 pandemic outbreak have been deprived of the benefits of the Welfare Schemes promoted by the government because they are not aware about schemes, their migrated status and impediments in collection and handling of data. So there is requires technical solution for collection, manipulation and analyzing this data of labors to track the information of migrated workers and improve the implementation of schemes using HR module of ERP system will mitigate the difficulties faced frequently. This paper deals with the customization in HR module of ERP system which will help for better implementation of schemes and to serve as a link between government, workers and labor contractors to deliver all the schemes on grassroots. Eventually, a better human resource management is anticipated through this project work



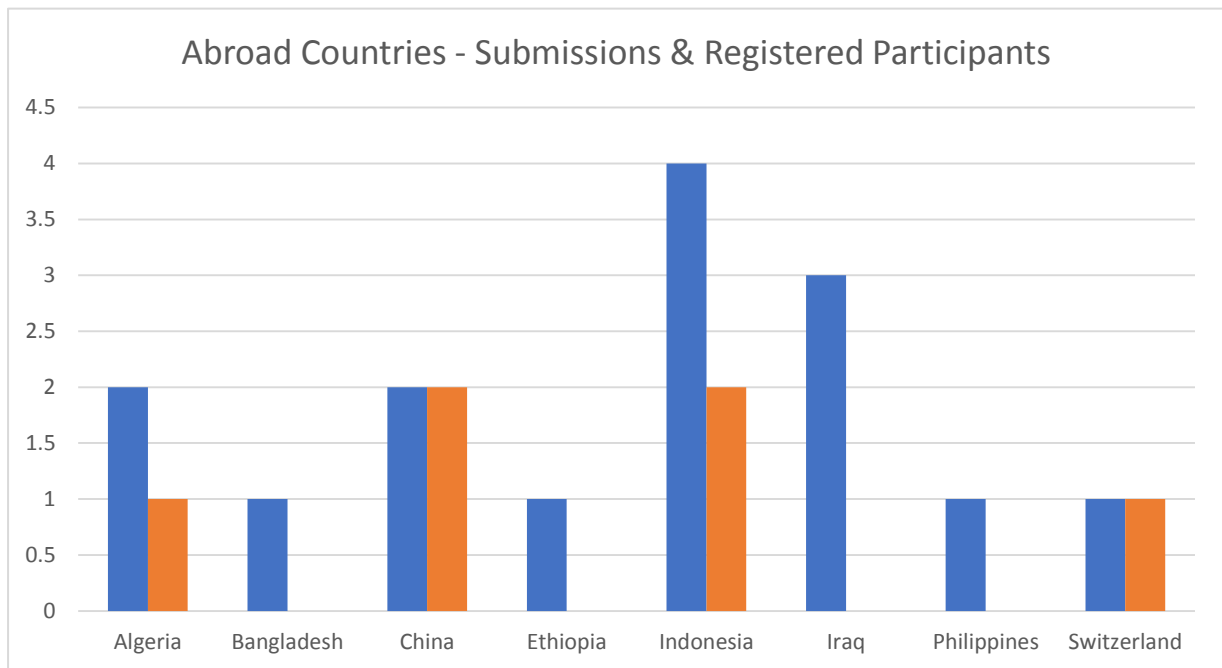
## 7. Survey Analysis

States	Abstracts	
	Received	Registered Abstracts
<b>India</b>		
Andhra Pradesh	5	3
Bihar	3	3
Goa	5	4
Gujarat	4	1
Haryana	1	0
Himachal Pradesh	2	2

Karnataka	6	5
Odisha	1	1
Kerala	0	0
Tamil Nadu	12	5
Telangana	2	2
Uttar Pradesh	18	11
Madhya Pradesh	4	3
Maharashtra	21	15
Tripura	4	3
Uttarakhand	2	1
Rajasthan	1	1
West Bengal	3	2
Punjab	6	1



States	Abstracts	
	Received	Registered Abstracts
<b>Abroad</b>		
Algeria	2	1
Bangladesh	1	0
China	2	2
Ethiopia	1	0
Indonesia	4	2
Iraq	3	0
Philippines	1	0
Switzerland	1	1



## 8. Valedictory Session:

In the Valedictory best paper and best paper Presentation of International Conference on Civil Engineering, Architecture and Sustainable Infrastructure, ICCEASI 2022 was announced

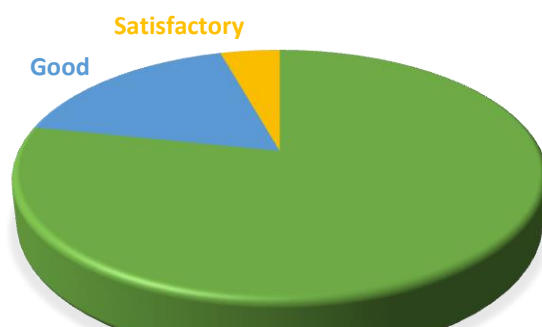
Technical Sessions	Best Papers		
1	Studying Psychodynamic Influences Towards Rejection Of Low Cost Houses By People In Tamil Nadu	Komagal Anupama K	C V Subramanian
2	Reservoir Water-Spread Area Estimation Using Microwave Satellite Data	Jeyakanthan, V.S	Venkataramana, R.
3	Geotechnical Aspects Of Some Earthen And Gravity Dams In India	Sajal Kamat	Purnanand P Savoikar
4	Flyash Based Geopolymer Concrete - A Review	Mr.Balamurali R T	Dr.K.Mahendran
	<b>Best Paper Presentations</b>		
5	Review Of Natural Fiber Suitability For Asphalt Strength Enhancement	Shobha Rani Nadupuru	R.K.Jain , Deepa A. Joshi, Radhika Menon, Gobinath.R



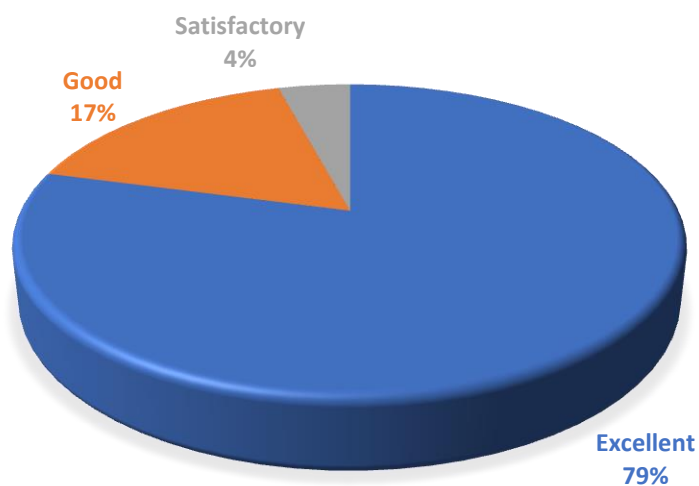
6	Temperature Variation Of Pavement Design In India	Dhiraj Yadav	Dr.Bhalchandra V.Khode
7	Irregular Building Configuration With Fixed Base And Flexible Modified	Deepa S A	I.R.Mithanthaya B , S.V.Venkatesh C
8	Application Of Erp System For Implementation Of Labour Welfare	Sachin Nalawade	Dr Atul R Kolhe

## 9. Feed back:

### 2ND ICCEASI - ABOUT OVERALL ORGANISING

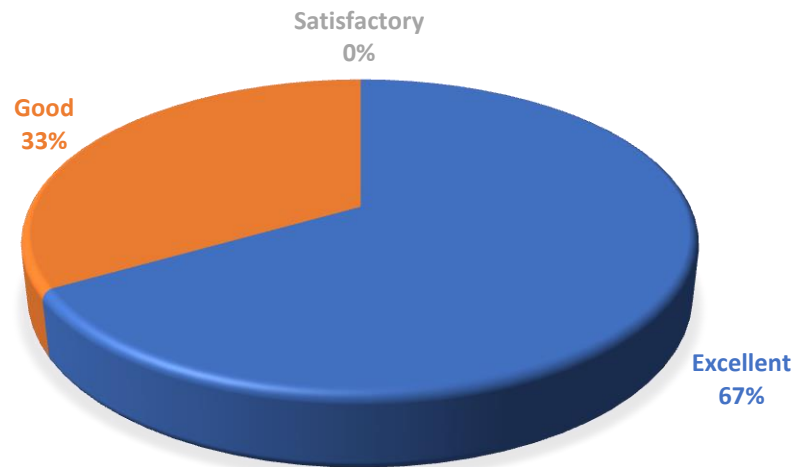


### KEYNOTE SESSIONS

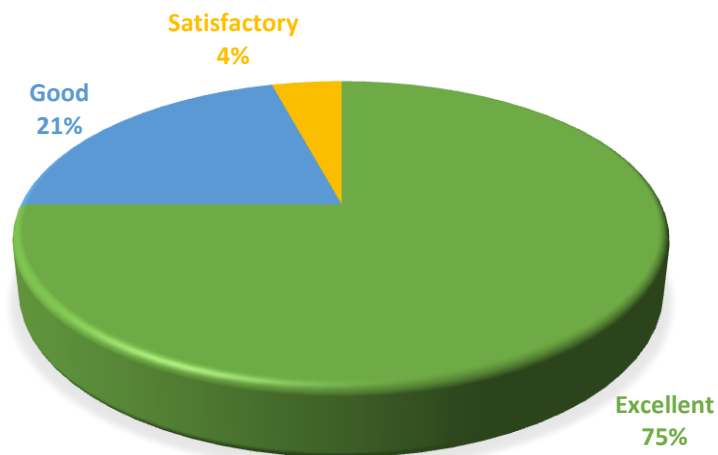




## TECHNICAL SESSIONS EXPERIENCE



## 2ND ICCEASI - REGISTRATION PROCESS



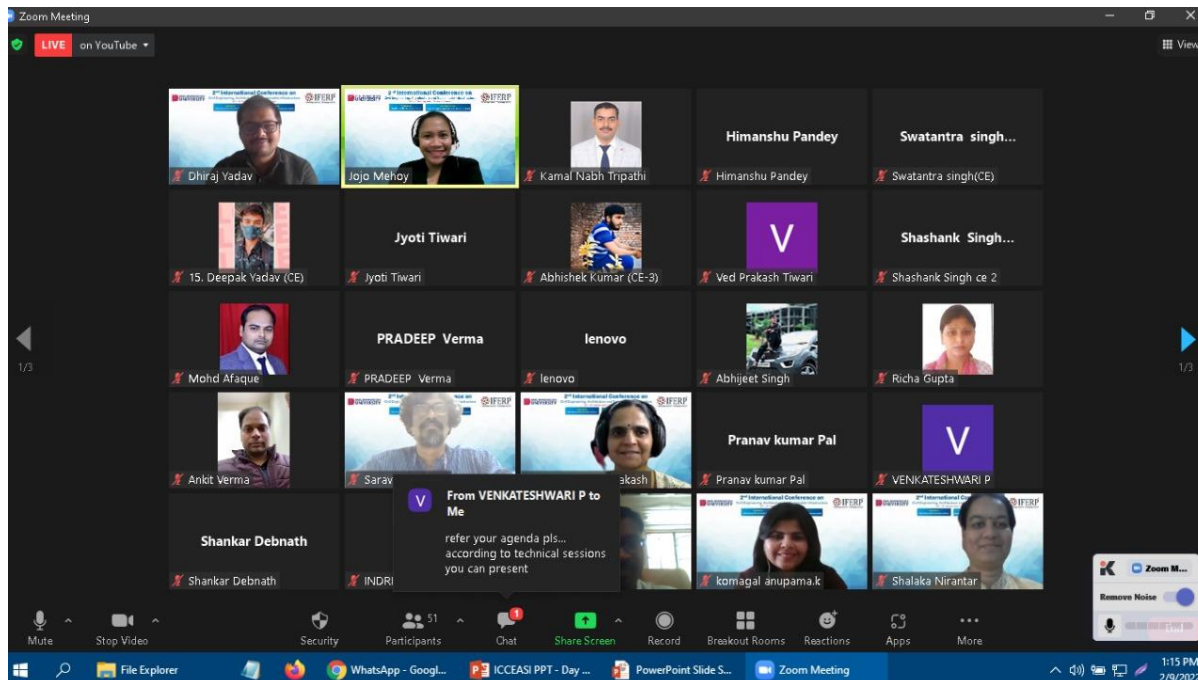
Message	Message1	Message2	Overall Organization	Conference Registrations	Speaker Quality	About the conference
YES	NIL	NIL	Very Good	Very Good	Very Good	GOOD
I learned how to improve my skills with the help of this kind of opportunity	I'm very interested to attend this program in physical mode but due to covid issues i couldn't...but online conducting also fantastic	Nano materials Especially for nano silica	Poor	Poor	Poor	Through IFERP
Hydrology & urban Hydrology	Nil	Nil	Very Good	Very Good	Very Good	Through online
Hydrology & urban Hydrology	Nil	Nil	Very Good	Very Good	Very Good	Through online
All aspects were of high value	Not applicable	All topics were excellent and informative.	Very Good	Very Good	Very Good	Online (WEBSITE)
It helped me alot for presentation.	It helped me alot.	No suggestions.	Very Good	Very Good	Very Good	Learned alot
paper presentation	paper presentation	Sustainable Built Enviroment	Good	Good	Good	good
The keynote speakers	Nothing	Structural health monitoring The presentation can be collected from participant and the host can share screen only will save time of others too	Very Good	Very Good	Very Good	From University
Keynote speaker of 1 day both were upto mark	Some presentation were not revelant	ENERGY PERFORMANCE IN BUILDINGS	Very Good	Very Good	Very Good	Through college
Different angles of research	everything was good	ENERGY PERFORMANCE IN BUILDINGS	Very Good	Very Good	Very Good	FROM WEBSITE
Hydrology & urban Hydrology	Nil	Nil	Very Good	Very Good	Very Good	Through online

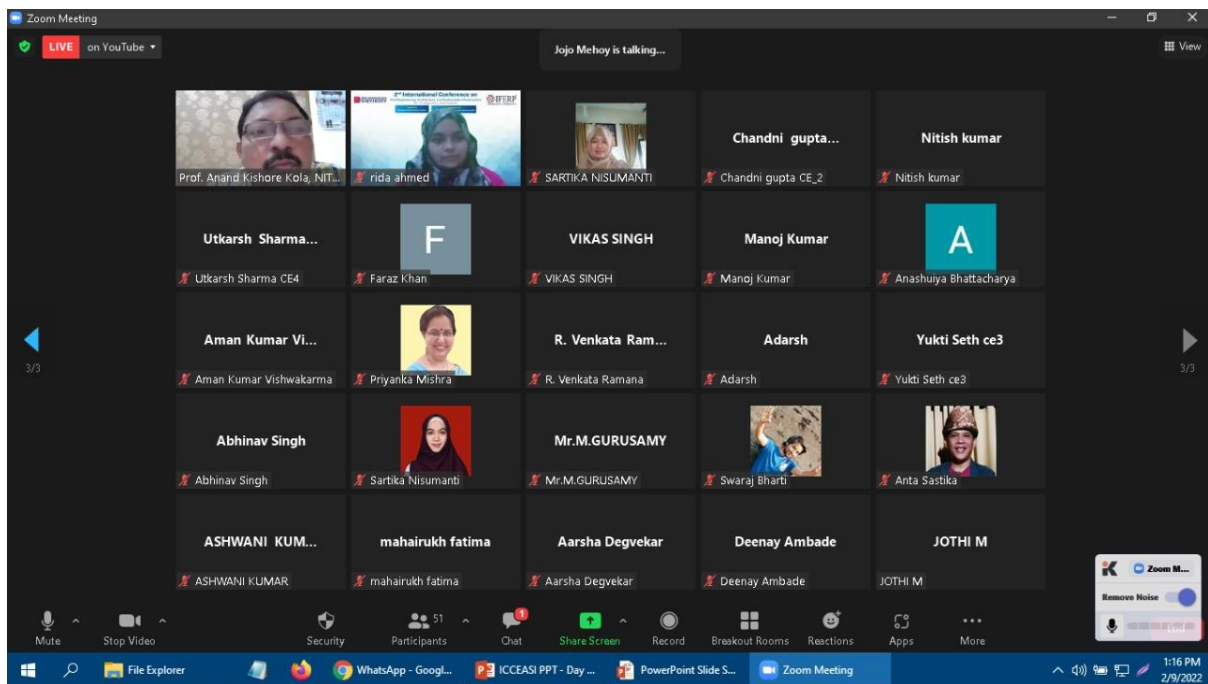
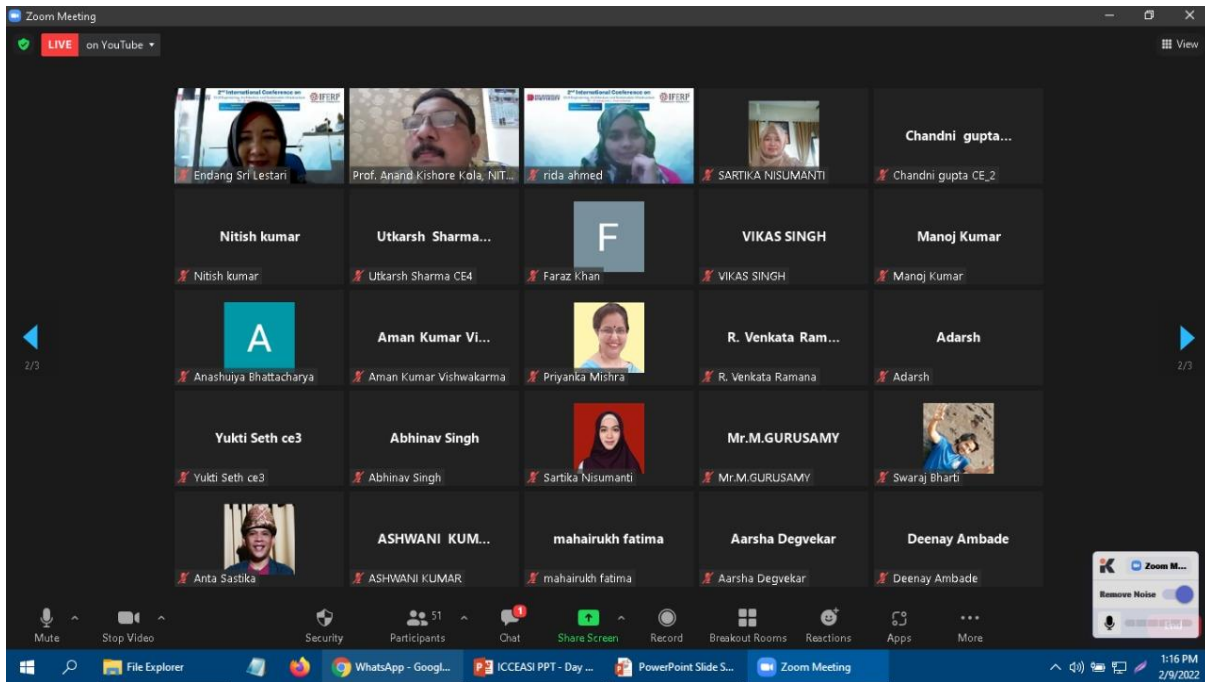
## 10. Vote of Thanks :

International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI - 22) held on 9<sup>th</sup> and 10<sup>th</sup> February 2022. Which is Organized by Babu Banarsi Das University, Lucknow in Association with the Institute for Engineering Research and Publication (IFERP) with a focus on latest trends on Civil Engineering and it was a great success where eminent keynote speakers from various universities addressed the gathering.

The generous response and active participation of the Organizing Committee Members and Editorial Board members of Engineering and Management backgrounds we take the opportunity to thank all the speakers, delegates and participants for providing their valuable support and time for ICCEASI 2022. Organizing Committee would like to thank the Moderator of the conference, and who contributed a lot for the smooth functioning of this event. Congratulates the Best Paper, Best paper Presentation awardees for their outstanding performance in the field of Engineering, Social- Sciences An 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 participants who are the key source for the ICCEASI 2022

## 11. Conference Glimpses:





Zoom Meeting You are viewing Prof. Anand Kishore Kola, NIT ...'s screen View Options

Jojo Mehoy Prof. Anand Kishore Kola, NIT ... Shankar Debnath Nidhi Gosavi Endang Sri Lestari INDRESH SINGH

LIVE on YouTube

ICCEASI 2022 (Protected View) - PowerPoint

**KEYNOTE LECTURE ON**

**21<sup>st</sup> CENTURY  
SCIENCE AND TECHNOLOGY**

By  
**Dr. ANAND KISHORE KOLA**  
PROFESSOR OF CHEMICAL ENGINEERING  
&  
CHAIRMAN - ADMISSIONS  
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL  
HANMAKONDA DIST - 506004, TS, INDIA

In  
Virtual Conference On International Conference on Civil Engineering,  
Architecture and Sustainable Infrastructure (ICCEASI - 22), 9-10 Feb, 2022

Organized jointly by  
IFERP and Babu Banarasi Das University, Lucknow

Slide 1 of 54

Unmute Stop Video Security Participants 50 Chat Share Screen Record Breakout Rooms Reactions Apps More End

File Explorer WhatsApp - Goog... ICCEASI PPT - Day ... PowerPoint Slide S... Zoom Meeting 1:18 PM 2/9/2022

Zoom Meeting You are viewing Prof. Anand Kishore Kola, NIT ...'s screen View Options

Jojo Mehoy Sumana Jayapra... Prof. Anand Kis... Rahul Wankhade Vandana Kushw... Endang Sri Lestari

LIVE on YouTube

ICCEASI 2022 (Protected View) - PowerPoint

The production of Future  
Chemicals requires  
understanding of Structure and  
Scale at all levels which may  
be generalized under

**MOLECULAR ENGINEERING**

and  
its integration into  
Plant Scale

Slide 44 of 54

Manage Participants (Alt+U) 54 Participants Chat Share Screen Record Breakout Rooms Reactions Apps More End

(1) WhatsApp - Go... Zoom Meeting 1:49 PM 2/9/2022

Zoom Meeting You are viewing Valeria's screen View Options

LIVE on YouTube

BABU BANARASI DAS UNIVERSITY IFERP  
connecting engineers... developing research

# Robustness evaluation of a Nervi's masterpiece: the Autogrill Motta

A modern paradigm for conceptual design of structures

Valeria Gozzi and Bernardino Chiaia

2nd International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICEASI - 22) - virtual Conference

Unmute Start Video Security Share Screen Record Breakout Rooms Reactions Apps More End

Participants: Utkarsh Sharma CE4, Jojo Mehoy, komagal anupama.k, Valeria, Shravan M

3:31 PM 2/9/2022

Zoom Meeting You are viewing rida ahmed's screen View Options

LIVE on YouTube

PPT.pptx - Microsoft PowerPoint

# Identify The Construction Project Managers' Soft Skills And Their Benefaction To Project Accomplishment

1) Rida Ahmed  
(M Tech Research Scholar, Department of Civil Engineering, Integral University Lucknow)

2) Mohd Asim  
(Assistant Professor, Department of Civil Engineering, Integral University Lucknow)

2nd International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICEASI - 22) - virtual Conference

Click to add notes

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Participants: Saravana Raja R, Jojo Mehoy, Mohd amaan, rida ahmed, VENKATESHWARI P

4:59 PM 2/9/2022



Zoom Meeting You are viewing 17 session 2 OUNIS HADJ MOHAMED's screen View Options

**BABU BANARASI DAS UNIVERSITY** **IFERP**  
*innovating research, developing faculty*

## CONFIRMATION ACCORDING TO SEVERAL INTERNATIONAL CODES ON THE PERFECT COMPATIBILITY OF THE ALGERIAN EARTHQUAKE REGULATIONS WITH THE SEISMIC BASE ISOLATION TECHNIQUE OF THE BUILDINGS

**OUNIS HADJ MOHAMED<sup>(1)</sup>, BEZIH KAMEL<sup>(2)</sup>**

1. Assistant Professor, Department of Civil engineering, University Mostefa Ben Boulaid Batna 2, Algeria, [h.ounis@univ-batna2.dz](mailto:h.ounis@univ-batna2.dz)
2. Assistant Professor, LGC-ROI, Department of Civil Engineering, University Mostepha Benboulaid, Batna, Algeria, [k.bezih@univ-batna2.dz](mailto:k.bezih@univ-batna2.dz)

2<sup>nd</sup> International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI - 22) - virtual Conference

1

Subhrajyoti Deb  
 Jojo Mehoy  
 VENKATESHWARI P  
 Dhiraj Yadav  
 Dhiraj Yadav  
 17 session 2 OU...  
 17 session 2 OUNIS HA...

Mute Stop Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Apps More End

5:42 PM 2/9/2022

Zoom Meeting You are viewing Prof Dr Munaz Ahmed Noor's screen View Options

**ICCEASI-2022-India**

## Sustainability of Concrete – A Global Concern

**Prof Dr Munaz Ahmed Noor**  
 Vice-Chancellor  
 Bangabandhu Sheikh Mujibur Rahman Digital University (BDU)  
 and Professor, BUET

ICCEASI-2022, IFRP  
 February 10, 2022

Click to add notes

Prof Dr Munaz...  
 Prof Dr Munaz Ahmed N...  
 Jojo Mehoy  
 Jojo Mehoy  
 Gomathi Kalaimani  
 Jyoti Tiwari  
 Jyoti Tiwari  
 Neeti Mishra

Unmute Start Video Downloads Post Attendee - Za... ICCEASI PPT - Day ... PowerPoint Slide S... Zoom Meeting

12:13 PM 2/10/2022

Zoom Meeting You are viewing Nikhil patkar's screen View Options

LIVE on YouTube

MIT-WPU Dr. Vishwanath Karad MIT WORLD PEACE UNIVERSITY PUNE TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIP

BABU BANARASI DAS UNIVERSITY IFRP connecting engineers... developing research

## E-waste Characterisation, Management and Utilization in Construction Industry-A Review

Author name – Ingle G.S.  
Co-author name – 1. Nikhil Patkar  
2. Dr. D.S. Aswar

2<sup>nd</sup> International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI - 22) - virtual Conference

Unmute Start Video Security Participants 20 Chat Share Screen Record Breakout Rooms Reactions Apps More End

7:29 PM 2/10/2022

Bapan Debnath  
Bapan Debnath  
Jojo Mehoy  
Jojo Mehoy  
Gomathi Kalaimani  
Shalaka Nirantar  
Nikhil patkar

Zoom Meeting You are viewing Harshalatha AP's screen View Options

LIVE on YouTube

BABU BANARASI DAS UNIVERSITY IFRP connecting engineers... developing research

## Multi Objective Optimization of Space Layout for Energy Efficient and Cost-Effective Building

Author: Ar.Harshalatha  
Research scholar, MSAP,MAHE,Manipal, Karnatak,India  
Co-authors: <sup>1</sup>Dr. Shantharam Patil, <sup>2</sup>Dr. Pradeep G Kini  
<sup>1,2</sup> Professor, MSAP,MAHE,Manipal, Karnatak,India  
Guide: Dr. Shantharam Patil  
Professor, MSAP,MAHE,Manipal, Karnatak,India

2<sup>nd</sup> International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI - 22) - virtual Conference

Mute Start Video Security Participants 22 Chat Share Screen Record Breakout Rooms Reactions Apps More End

6:07 PM 2/10/2022

Sachin Nalawade  
Jojo Mehoy  
Jojo Mehoy  
Harshalatha AP  
Harshalatha AP  
dharmendra jari...  
dharmendra jariwala  
Pranav kumar Pal  
Pranav kumar Pal

Zoom Meeting    You are viewing shivam verma's screen    View Options

LIVE on YouTube




## Behavior of self compacting concrete under different temperature and climate condition .

Author :- Shivam Verma  
 Co-author :- Mr. Bilal Siddiqui , Dr. Om Prakash Netula .  
 Under Guidance of Mr. Bilal Siddiqui (Assistant professor) , BBDU Lucknow

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Mute Stop Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Apps More End





6:48 PM 2/10/2022

Participants:

- Harshalatha AP
- Harshalatha AP
- Jojo Mehoy
- dharmendra jari...
- dharmendra jariwala
- Pranav kumar Pal
- Pranav kumar Pal
- Bapan Debnath
- Bapan Debnath

Zoom Meeting    You are viewing KSHITIJ DHAWALE's screen    View Options

LIVE on YouTube

## "Dealing With SATURATED ZONE & GROUNDWATER INFLOW In Urban Tunneling With TBM"

BY..  
 Dr. Ganesh S. Ingle  
 Mr. Kshitij K Dhawale

2<sup>nd</sup> International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI- 22) - virtual Conference

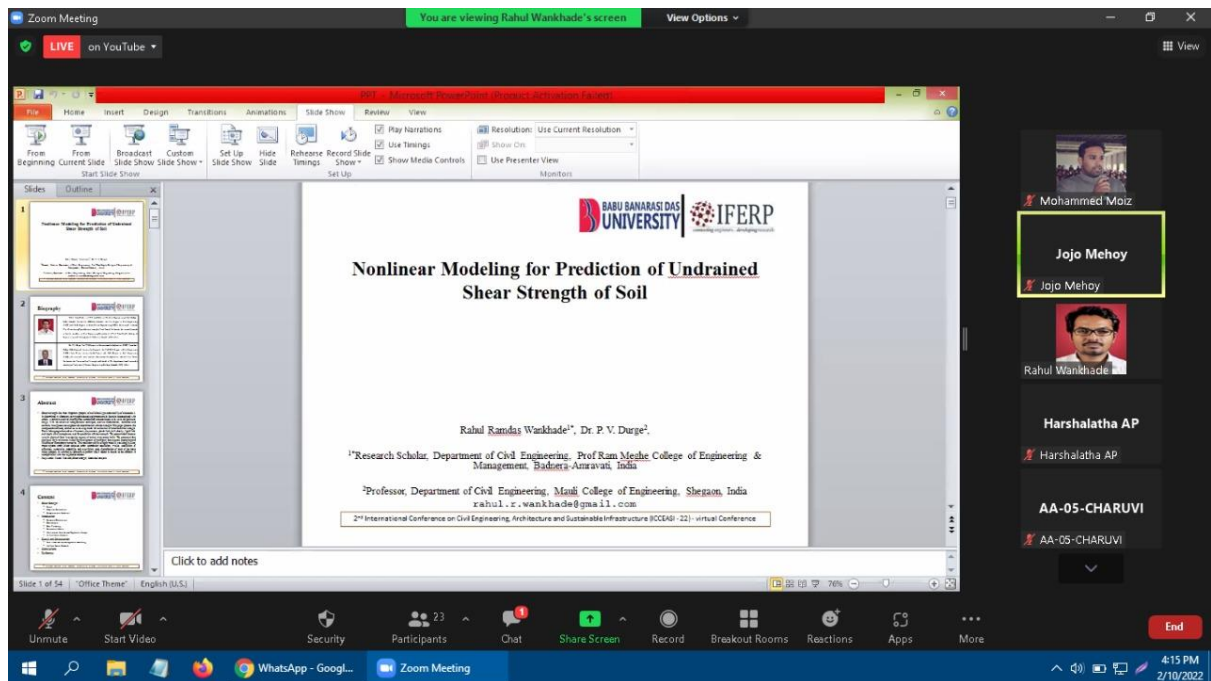
Mute Start Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Apps More End

7:15 PM 2/10/2022

Participants:

- Pranav kumar Pal
- Pranav kumar Pal
- Jojo Mehoy
- Jojo Mehoy
- KSHITIJ DHAW...
- KSHITIJ DHAWALE
- A
- Anashuiya Bhattachar...
- Harshalatha AP
- Harshalatha AP





## 12. Conclusion Summary:

ICCEASI 2022 was a success event organized by Babu Banrasi Das University, Lucknow and 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 us to near future. We would like to conclude with Thanks one and all.

## 13.Our Associates:





connecting engineers... developing research



BABU BANARASI DAS UNIVERSITY

VIRTUAL CONFERENCE

# ICCEASI-2022

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON CIVIL ENGINEERING, ARCHITECTURE AND SUSTAINABLE INFRASTRUCTURE

**09<sup>TH</sup> - 10<sup>TH</sup> FEBRUARY 2022**

**LUCKNOW**

**ISBN: 978-93-92105-34-0**

Organized By

**Babu Banarasi Das University, Lucknow**

in Association with

**Institute For Engineering Research and Publication (IFERP)**



**Keynote speakers**



**Dr. Young-Jin Cha**  
Associate Professor  
University of Manitoba  
Winnipeg, Manitoba, Canada



**Dr. Anand Kishore Kola**  
Professor & Former HoD  
Department of Chemical Engineering  
National Institute of Technology  
Telangana, India



**Prof. (Dr.) Munaz Ahmed Noor**  
Bangabandhu Sheikh Mujibur  
Rahman Digital University (BDU)  
Dhaka, Bangladesh

Important Dates

Early Bird Deadline
20 <sup>th</sup> January 2022
Abstract Submission Deadline
27 <sup>th</sup> January 2022
Full Paper Submission
31 <sup>st</sup> January 2022
Registration Deadline
02 <sup>nd</sup> February 2022

**Call For Paper**

Structural Engineering

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Hydraulic Engineering

Wind, Fire & Blast Resistant Design of Structures

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Sustainable smart Structure and Smart Materials

Advancements in Construction Practices

Structural Rehabilitation & Retrofitting of Structures

Structural Health Monitoring

NDT application in Structural Engineering

Disaster Mitigation

Advances on Numerical technique in Structural Engineering

Advances in Bridge & Highways

PEB Structures

Smart Structures

Low cost/ affordable Building Structure

**Conference Venue**

Babu Banarasi Das University  
BBD City, Faizabad Road, Lucknow  
Uttar Pradesh - 226 028 India

**Our Associates**








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