



Past Conference Report

International Conference on
Advances in Engineering, Science and Management
Bangalore, Karnataka.

28th & 29th November 2021

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1. EVENT SUMMARY

Conference Name	: International Conference on Advances in Engineering, Science and Management (ICAESM-2021)
Date	: 28 th & 29 th November 2021
Conference Theme	: Multidisciplinary Innovations in the field of Engineering, and Management and Social Sciences
Auspice Organisations	: Institute for Engineering Research and Publication (IFERP)
Mode/Place	: Virtual Conference
No. of Delegates	: 45 delegates for the conference

1.1 OVERVIEW

International Conference on Advances in Engineering, Science and Management (ICAESM-2021) held on the 28th and 29th of November 2021. Which was Organized by Institute for Engineering Research and Publication (IFERP).

Participated in this conference represents a way of inter-personal and inter-institutional communication based on research themes specific to the modern trends of the management sciences and education domain.

The conference represented an occasion of international interest that was addressed to the Various Engineering domains, Management studies and education, but also to the professionals from connection domains who, by their contributions may provide a multidisciplinary communication framework.

Call for paper:

Applied Sciences

Engineering and Technology

Business Management & Studies

Education & Technology

1.2 Conference Theme

International Conference on Advances in Engineering, Science and Management (ICAESM-2021) was themed about the distinct distinguished consequences and different hurdles in the fields of engineering, management and sciences and Medical sciences. This

convention seeks to draw together executives, researchers, scholars, and academics in all areas of economics, business management, to provide a global platform for the distribution of significant investigative results, distinguished approaches, and developmental applicability that focus on both modern methods and innovative approaches.

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

2. ABOUT THE CONFERENCE

International Conference on Advances in Engineering, Science and Management (ICAESM-2021) held on the 28th & 29th of November 2021 organised by Institute for Engineering Research and Publication (IFERP).

ICAESM -2021 offered researchers, delegates, and scholars an incredible chance to interact with each other and share their experience and knowledge of technology application.

International Conference on Advances in Engineering, Science and Management (ICAESM-2021) conference provided a stage for researchers and practitioners from academia and business to deal with state-of-the-art advancement in their respective fields.

ICAESM -2021 offered participants to interact with industry experts on the recent challenges in scientific research and associated areas. Leading researchers' shared their incredible research findings and tools that they use to achieve better results. This international conference on multidisciplinary research and education was bound to generate a number of new ideas and experiences that participants, irrespective of who they are (Experienced management students, seasoned professionals, or young scholars at the early stages of their careers) can derive and make use of in some form of another, towards the advancement of their careers. For those looking to spread awareness of their incredible research findings and other work, they will also have the chance to present their papers and articles.

3.CONFERENCE SCOPE

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

- ❖ Applied Physics
- ❖ Applied Mathematics
- ❖ Architectural Science
- ❖ General Engineering
- ❖ Computer Science
- ❖ Computer Engineering
- ❖ Communication Studies
- ❖ Applied Physics & Electronics
- ❖ Science and Mechanics
- ❖ Electronics Science
- ❖ Sound Technology
- ❖ Systems Engineering
- ❖ Industrial Engineering
- ❖ Information Management
- ❖ Integrated Electronics Engineering
- ❖ Information Systems
- ❖ Engineering and Mechanical Science
- ❖ Engineering Management
- ❖ Ecological Engineering
- ❖ Geological Engineering
- ❖ Mechatronics Engineering
- ❖ Mining Engineering
- ❖ Nanotechnology Engineering
- ❖ Technology Management
- ❖ Manufacturing Engineering
- ❖ Mechanical Engineering
- ❖ Electrical Engineering
- ❖ Aeronautical Engineering
- ❖ Managing Technology & Sustained Innovation
- ❖ Resource Management & Sustainable Development
- ❖ Social Entrepreneurship
- ❖ Corporate Ethics, Responsibility, and Liability
- ❖ Accounting and Finance
- ❖ Advertising
- ❖ Business Development
- ❖ business Planning Guides
- ❖ Company Composition
- ❖ Customer Service

- ❖ E-Commerce
- ❖ Employment Management
- ❖ Energy Topics
- ❖ Financial Management
- ❖ Inventory Control
- ❖ Insurance
- ❖ Legal Concerns
- ❖ Marketing
- ❖ Market Research
- ❖ Merchandising
- ❖ EdTech Policy Development
- ❖ Computational Thinking
- ❖ EdTech Ecosystems
- ❖ EdTech Agencies
- ❖ Distribution and Organization of Digital Media
- ❖ Professional Learning
- ❖ AR, VR and Mixed Reality
- ❖ Artificial Intelligence
- ❖ Global Learning
- ❖ Learning Profiles
- ❖ Learning Sciences
- ❖ Digital Citizenship
- ❖ Student-Centric Online learning

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

4. INAUGURAL PROGRAMME

The conference started with welcoming all the participants, dignitaries and special guest for the conference followed by the proceedings book release and introduction of session chair for the technical sessions. And then Keynote speeches were conducted.

Our valuable eminent keynote speakers from various parts of the country given their speeches followed by the technical sessions. Technical sessions segregated as four sessions. Multiple technical participants were presented. Post completion, our honourable Technical session chairs announced the Award winners of each session followed by Vote of thanks. All together the ICAESM conference conducted on 28th of November was arranged and completed successfully.

4.1 KEYNOTE SPEAKERS

Welcome all the Keynote Speakers of International Conference on Advances in Engineering, Science and Management (ICAESM-2021)



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



Dr. Santosh B. Rane,
Dean Academics, Sardar Patel College of Engineering,
Mumbai.



Prof. Dr. M. Amr Sadik,
Chairman & Chief Executive Officer at Quadrant,
Adjunct Professor & DBA Program Director,
IPE Management School, Paris.

4.2 Conference Proceedings Release

On behalf of the organizing committee, we released the proceedings book on the conference day

ICAESM


IFERP
connecting engineers...developing research

Virtual Conference

International Conference on
Advances in Engineering,
Science and Management
ICAESM-2021
28th - 29th November, 2021
Bangalore, India

Organized By

Institute For Engineering Research and Publication (IFERP)

IFERP International Conference
 IFERP Explore
<https://icaesm.com/> | info@icaesm.com

UPCOMING CONFERENCES



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 Integrating Researchers to Incubate Innovation

SUPPORTED BY



4.3 Keynote Speakers and Tutorial Sessions



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

Biography:

Dr Munaz Ahmed Noor was a Professor of Civil Engineering Department in Bangladesh University of Engineering and Technology (BUET) before he joined National University as a Pro-Vice Chancellor on 11 April 2013.

He received his B.Sc. degree in Civil Engineering and M. Sc. degree in Structural Engineering from Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh in 1995 and 1997, respectively. He was awarded University Gold Medal for best academic performance in both the degrees. Earlier to this he was also awarded the presidential Gold medal for standing first in combined merit list in HSC. He was then awarded a scholarship by Asian Development Bank and received his PhD in Civil Engineering from University of Tokyo, Japan in 2000. Between 2000 to till now he participated in numerous earthquake and concrete material related private and public projects.

He is the author of the popular book “Designing with grade 5000 steel” published from UPL. He is the editor of the newly launched monthly magazine “Beyond Building”. He has been selected as an expert member in joint survey committee formed for the Tipaimukh Dam. He has been elected as the Vice-Chairman of the Civil Engineering Division, Institute of Engineers, Bangladesh (IEB). He is also the member of “Digital Bangladesh Task Force” headed by honourable Prime Minister. He is also active in many social and professional organizations.





Dr. Santosh B. Rane,
Dean Academics, Sardar Patel College of Engineering,
Mumbai.

Biography:

Dr. Santosh Rane is currently working as Dean Academics in Sardar Patel College of Engineering, Mumbai. He also worked as Chairman of Examination Committee, Chairman of Website Committee, Chairman of Startup Cell SPCE, Ph.D. Programme Coordinator for Mechanical Engineering, Faculty Advisor of SPCE Racing Team, Faculty Advisor of IIIE-SPCE student chapter.

He is working honorary as Advisory Board Member at Multinational Company named IDS Inc. He has completed M.Tech and Ph.D. from VJTI, Mumbai. Dr. Santosh Rane is Master Black Belt in Lean Six Sigma from Indian Statistical Institute. He is also a certified Supply Chain Management Executive from Confederation of Indian Industries (CII). He has also completed PGC program in Advanced Project Management from SPJIMR, Mumbai.

He is often invited by various prestigious events and programs for expert talks. He has conducted 60 sessions in Faculty Development Programmes at in various institutions including SVNIT Surat, MNIT Jaipur, VJTI Mumbai, COE Pune. Dr. Santosh Rane is a reviewer of Scopus indexed Journals of Elsevier, Taylor and Francis, Emerald, Springer Publications where he has reviewed more than 30 research articles.





Prof. Dr. M. Amr Sadik,
Chairman & Chief Executive Officer at Quadrat,
Adjunct Professor & DBA Program Director,
IPE Management School, Paris.

Biography:

A seasoned and accomplished HR executive with more than 30 years in key HR positions with local, regional, and international diverse organizations, in the Arab Region, and have led successful formulation and integration of HR programs, strategies, policies, and procedures. Demonstrated ability to proactively implement and sustain HR initiatives and programs that appropriately address organizational needs and transfer strategic intents into action.

Award Winner of several international HR Awards from UK, Ghana, India, USA, and selected one of the top HR most international influential thinkers in 2014.

- Group Chief HR Officer, MGG, Syria
- Group Chief HR Officer, El-Sewedy Cables, Egypt
- Chief HR Officer, CDIC, Syria
- Vice President, INTEX, Egypt
- Area Director of HR, Jolie Ville Movenpick Hotels & Resorts, Egypt
- Director of Human Resources, Sheraton Jeddah Hotel & Villas, KSA
- Training & Consultations Manager, Novotel Cairo Airport Hotel, Egypt
- Training Manager, Safir Hotels, Egypt
- Personnel & Training Manager, Al-Khozama Hotel, KSA

Former Management lecturer at Eslsca Business School in 2012, HR lecturer in 2010 at Higher Institute of Business Administration-HIBA, Syria and also at Maastricht School of Management in 2006 - Egypt.



5. SESSION CHAIRS



Dr. D. Mohan, Dr. D. Mohan, Head of ECM Department, Sreenidhi Institute of Science & Technology, Hyderabad.



SHYLESH B C, Assistant Professor & HoD, Department of Computer Science & Engineering. Dr. B. B. Hegde First Grade College, Kundapura, Karnataka.



DR. R. AMRUTHA, Associate Professor, Department of Physics, KCG College of Technology, Karapakkam, Tamil Nadu.



DR. ALLA SRIVANI, Department of Physics, Vasireddy Venkatadri Institute of Technology, Guntur, Andhra Pradesh.

6. SCIENTIFIC PROGRAM

09:20 AM to 09:30 AM	Introduction and Welcome Speech by Moderator
09:30 AM to 10:00 AM	Keynote Speech by Prof Dr Munaz Ahmed Noor, Vice-Chancellor, Bangabandhu Sheikh Mujibur Rahman Digital University (BDU), Dhaka, Bangladesh
10:00 AM to 10:30 AM	Keynote Speech by Prof Dr M Amr Sadik, Chairman & Chief Executive Officer at Quadrat, Adjunct Professor & DBA Program Director, IPE Management School, Paris
10:30 AM to 11:00 AM	Keynote Speech by Dr. Santosh Rane, Dean Academics, Sardar Patel College of Engineering, Mumbai.
11:00 AM to 01:00 PM	Technical Session-I
11:00 AM to 01:00 PM	Technical Session-I(A)
01:00 PM to 02:00 PM	Lunch Break
02:00 PM to 03:30 PM	Technical Session-II
02:00 PM to 03:30 PM	Technical Session-II(A)
03:30 PM to 03:45 PM	Awards Ceremony

Technical Session I

Energy Efficiency Optimization in Small Cell Massive MIMO System

presented by G.RAJINI

Simulation of Successive Interference cancellation of NOMA

presented by ACHALA

Automated glaucoma detection with image processing and deep learning techniques using eye fundus image

presented by VANI A

IOT based smart speech with visual feedback navigation guidance system for visually impaired

presented by VANI A

Segmentation and detection of lung nodules by implementing IW- Net

presented by SWATHI NV

Audio Transfer Mechanism Using Li-Fi Technology for Smart City Applications

presented by PUNYASHLOK SAHOO

GSM Based Automated Irrigation System using Arduino Uno

presented by SAMIRAN CHAKRABORTY

Low-cost home automation design: A digitally controlled perspective

presented by SURAJ DAS

Technology Transformation and Sustainable Innovation in India

presented by PARUL YADAV

A Systematic Literature Review and Bibliometric Analysis on Determinants of Foreign Direct Investment

presented by **RICHA PATEL**

IN-SPACE: A case for India's Eureka Moment in Space Antitrust?

presented by **MR. AMRIT SUBHADARSI**

A Study On Customers View On Dimension Of Service Quality Of Educational Consultancy Firm

presented by **MRS. RASHMI S.B.**

Technical Session I(A)

Labor status in Japan and analysis of WMN model to procure External human resource from overseas

presented by **RABINANDAN KISHOR**

Imprinting online video timeline based on a user keyword concernment

presented by **K. SIVA RAMA KRISHNA**

Classification Facial Skin And Treatment Suggestions For Good Skin Using Deep Learning With Region Of Interest (ROI) Patches

presented by **SATWIK SUNNAM**

A review on adoption of Telemedicine & TOE Framework

presented by **DR. ANUSHA SREERAM**

An empirical study of Detection of Distributed denial of service attacks in multiple mobile networks in 5G networks

presented by **KATTUPALLI SUDHAKAR**

Cloud Computing: Network/Security threats & Counter Measures

presented by NAINIKA SINGH

Recognition Of Handwritten Tigalari Numerals

presented by HARSHA VITTALA VASUMAN R.B

Analysis of RFM Customer Segmentation Using K-Means and DB Scan Algorithms

presented by DR DHARMAIAH DEVARAPALLI

A Hybrid Machine Learning Model with Feature Selection Approach on Chest X-Ray Images for COVID-19 Detection

presented by SAVNEET KAUR

An Efficient Deep Learning Model FVNET For Fingerprint Verification

presented by G. JAYAKALA

Different Data Mining Techniques On Different Cloud Providers

presented by ANUSHA SHETTAR

Assessing and Overcoming the Challenges Encountered by an English Language Teacher –Teaching English to the Speakers of Other Language (pre-recorded)

presented by SYED ABID SHAH

Technical Session II

A Survey on Application of Analytics in Legal Profession

Presented by SUVIKA K V

Landslide Stimuli in Shillong Plateau: Orographic Precipitation, Seismicity and Lithology

Presented by SUNAYANA SARKAR

Critical Delay Analysis In Execution Of Construction Projects

Presented by PRASANNA S V S N D L

Effect of Area Ratio on Galvanic Corrosion Between Galvanized Steel and Mild Steel in Bolted Joint: Experimental Measurement and Computer Simulation

Presented by P. A. KAMBLE

Semiconducting behaviour of ZnO/NiO composite based paint coating on low carbon steel

Presented by AKASH MAHAJAN

Improvement in corrosion resistance of AISI 4140 steel by Plasma Nitriding

Presented by SWAPNIL S DESHPANDE

Study of Plastic Waste Mix Bitumen (pre-recorded)

Presented by SWAPNIL S DESHPANDE

Power System Distribution On Optimal planning Of Monitoring Meters

Presented by NITYANAND B. SHIRBHATE

Student Academic Performance using New Techniques of ETLBO

Presented by NILESH V.INGALE

Technical Session II(A)

The Impact of Examination Malpractices Among Higher Secondary Students In Kerala- A Case Study

Presented by MALAVIKA V R

A Comparative Study of Patient's Satisfaction Level In Government And Private Hospitals In Kerala

Presented by LAKSHMI SURESH

Meta-heuristic Algorithms for Multi-Objective Subtask Scheduling Problems: overview

Presented by SUMA T

Briquetting Characterization of Coconut Leaves and Areca Biomass Briquettes-A Step toward Green Energy

Presented by DR. DEEPAK KB

Development of an Automated Ammonia Concentration Monitoring System for Poultry Farm

Presented by SHWETHA S

Fly Ash Epoxy Composites with Superior Fire-Retardant Properties

Presented by MAHADEVA RAJU G K

Design of an Optimization Chatbot model for classification framework

Presented by NAGARAJ

6.1 Highlights of the Technical Sessions

ICAESM happened on 28th November 2021 consist of 4 Technical Sessions of which each session consists of maximum Twelve presentations and minimum Eight presentations.

6.1.1 Highlight of Session-I

Technical Session-I consist of 12 Presentations in which the attracted presentation is listed below



Title: Automated glaucoma detection with image processing and deep learning techniques using eye fundus image

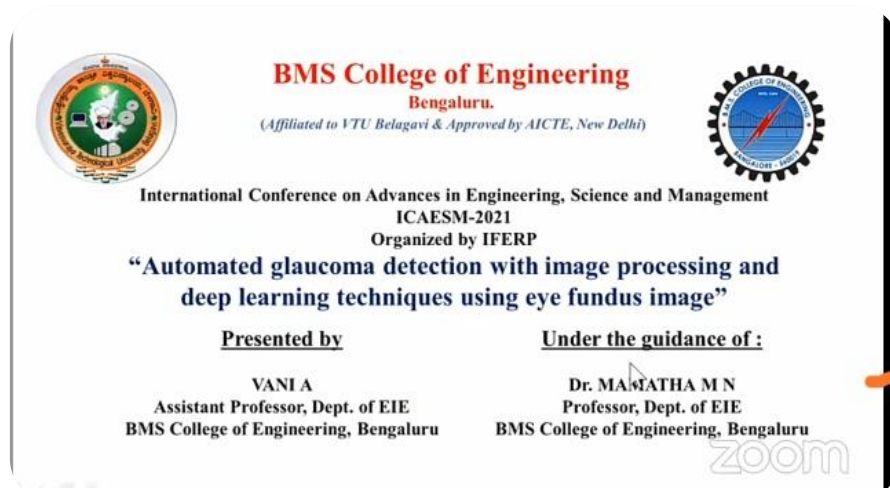
Author Name: Vani A, Assistant Professor.

Co-author Name: Dr. Mamatha MN, Professor.

University: BMS College of Engineering, Affiliated to VTU Belgaum.

Abstract:

Glaucoma is a chronic asymptomatic neurological painless ocular disease. The increased fluid pressure in the retina causes glaucoma and damages the optic nerve. It is unnoticeable and painless during its initial stages and further may cause damage to Optic disc if unattended. The fundus image is well suited for large population screening to detect eye diseases. The assessments of retinal fundus images are time consuming and hence there is a need for automated system for human observer. In the proposed system, the cup to disc ratio (CDR) is computed using fundus image. The ratio is calculated using thresholding techniques and the decisions made to indicate fundus is affected by Glaucoma is developed by CNN techniques such as Sequential and VGG19 model deep learning techniques. This provides the automation model for faster diagnosis system in medical screening for large population and thus promoting decision support system. The proposed system clearly indicates precedence over the existing system in terms of accuracy percentage of 94.51 with the loss of 0.220 and high processing speed.



6.1.2 Highlight of Session-I(A)

Technical Session-I(A) consist of 12 Presentations in which the attracted presentation is listed below



Title: Labor status in Japan and analysis of WMN model to procure External human resource from overseas

Author: Rabinandan Kishor

Abstract:

Deficiency of labor is one of prominent issue in Japan from last several years. To handle the situation and provide the solution of this shortage of labour issue, Japanese government has set several facilities and services for employee and employer. Although there are several facilities that are helpful for people engaging in work activity in Japan, still the country faces some shorts of labour shortage. This article focusses on study of economic growth in Japan during 20th century and early of 21st century and obtains the cause of this long term 'Labour shortage issue' by analyse the past economy of Japan. Later, we have also introduced a model called 'Watasi-Mo-Nihonjin model'= abbreviation is WMN model, for filling the deficiency of this labour shortage issue in future. The approach, presented in this model, is enforced by Japanese Government and Government would encourage semi-government and private bodies to join the implementation of the model for nullifying 'Labour shortage issue' throughout Japan.

Keywords : Labour shortage issue, Japanese, economy, Japanese economy growth, WMN model, Labour status in Japan, External human resource.



6.1.3 Highlight of Session-II

Technical Session-II consist of 9 Presentations in which the attracted presentation is listed below



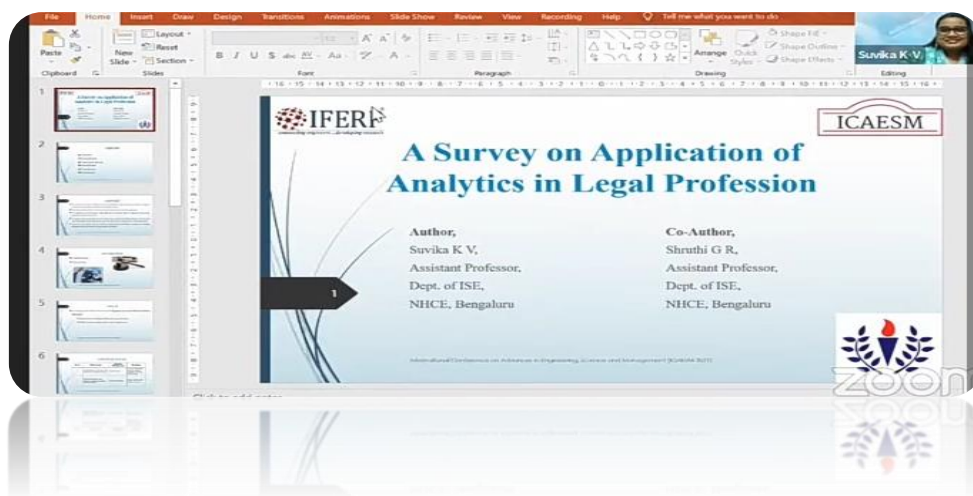
Title: A Survey on Application of Analytics in Legal Profession

Name: Suvika K V

University/Organization: New Horizon College of Engineering, Bengaluru

Abstract:

The advancements made in different areas using machine learning, computation, artificial intelligence for the betterment of functionalities is increasing day-by-day. The research topics like Siri, Alexa are now just a commercially available equipments. The application of technology in legal profession is a diligent step as it depends on past cases, judgments, articles, sections etc. As per National Judicial Data Grid and the Supreme Court, at present there are 3.9 crore cases pending in the district and subordinate courts, 58.5 lakh cases in the various high courts, and more than 69,000 cases in the Supreme Court. There are many people who are suffering emotionally and financially as they are completely dependent on advocate advice which is taking a long time. This paper discusses various methods to improve the services given to the citizens from advocates and also changes the way of practicing legal profession.



6.1.3 Highlight of Session-II(A)

Technical Session-II(A) consist of 7 Presentations in which the attracted presentation is listed below



Title: Briquetting Characterization of Coconut Leaves and Areca Biomass Briquettes-A Step toward Green Energy

Name: Dr. Deepak KB

University/Organization: Vivekananda College of Engineering & Technology

Abstract:

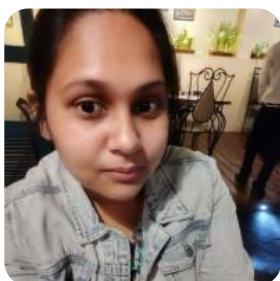
In this work, investigations were carried out to analyze the briquetting characteristics of briquettes produced from areca sheets and coconut leaves; with a view to find out which of them would make the best biomass fuel, when compared with the commercial available sawdust briquette. To determine the composition of biomass briquettes ultimate and proximate analyses were carried out. A simple prototype briquetting machine was fabricated to facilitate compaction of this biomass into briquettes. Areca sheets and coconut leaves were collected from a farm, dried, reduced and sieved into sizes of 850 μ . These biomass materials were mixed with paper, sawdust and coconut coir, which acted as binders, in 1:2 ratios, and densified using a piston type briquette machine. Results after analysis showed that, briquettes made from coconut leaves using sawdust as a binder had a calorific value of 3672.45KCal/ gm, which was higher than other briquettes made from areca sheets, using paper, sawdust and coconut coir as binders, though less than the commercially available sawdust briquette (4451.37KCal/ gm). But there was a decrease in percentage of moisture content, ash content and increase in percentage of volatile matter, when compared with the commercial sawdust briquette, which is of significant importance. Other properties like percentage of fixed carbon, hydrogen, nitrogen, sulphur and oxygen were approximately same as that of commercial sawdust briquette. For the two-biomass material used, coconut leaves with sawdust as binder exhibited most positive attribute.

6.2 Awards

ICAESM-2021 Conference consist of 4 Technical sessions in total in which best paper and best presentation had given as per each session

Session	Best paper	Best Presentation
Technical Session-I	Simulation of Successive Interference cancellation of NOMA- ACHALA	Automated glaucoma detection with image processing and deep learning techniques using eye fundus image- VANI A
Technical Session-I(A)	Labor status in Japan and analysis of WMN model to procure External human resource from overseas - RABINANDAN KISHOR	A Hybrid Machine Learning Model with Feature Selection Approach on Chest X- Ray Images for COVID-19 Detection– SAVNEET KAUR
Technical Session-II	Semiconducting behaviour of ZnO/NiO composite based paint coating on low carbon steel- AKASH MAHAJAN	Effect of Area Ratio on Galvanic Corrosion Between Galvanized Steel and Mild Steel in Bolted Joint: Experimental Measurement and Computer Simulation – P. A. KAMBLE
Technical Session-II(A)	Meta-heuristic Algorithms for Multi-Objective Subtask Scheduling Problems: overview - SUMA T	Briquetting Characterization of Coconut Leaves and Areca Biomass Briquettes-A Step toward Green Energy - DR. DEEPAK KB

6.3 Most Enjoyed Presentations



Title: Technology Transformation and Sustainable Innovation in India

Name: Parul Yadav

University: Deen Dayal Upadhyaya Gorakhpur university

Abstract:

Technology and innovation are the most important ingredient for the development of any economy, especially the developing ones. India is one the developing economies of the world, standing at the cusp of the new era in economic growth. Last decade has been a milestone for India's information technology development. India is different from the rest of the world because of a slightly different socio- economic structure. Technology and innovation in India are being more urban- centric and has aided only the elite in the high- skilled occupations. World has gone through different phases of technological development where the developed nation has captured most of it , while developing nations are still behind in the race. This paper highlights different phases of technological developments. Next phase of technology enabled transformation of businesses and the economy will be assessed, in the coming decades, by its ability to provide solutions for sustainable development. The subject of rapid growth and developments is becoming more crucial for India. Developing sustainably is the great concern of present times. The 2030 Agenda for Sustainable development adopted by all United Nations Member States in 2015 including India, so the moral responsibility of sustainable growth lies also on India. This paper highlights the strengths and weaknesses that play an important role in technological development and sustainable innovation in India. Also discuss the possible innovative ideas and solutions, technologies and programmes which help India develop sustainably. Sustainable innovation is the only solution India can have for taking the edge in the globally competitive market.



Title: Landslide Stimuli in Shillong Plateau: Orographic Precipitation, Seismicity and Lithology.

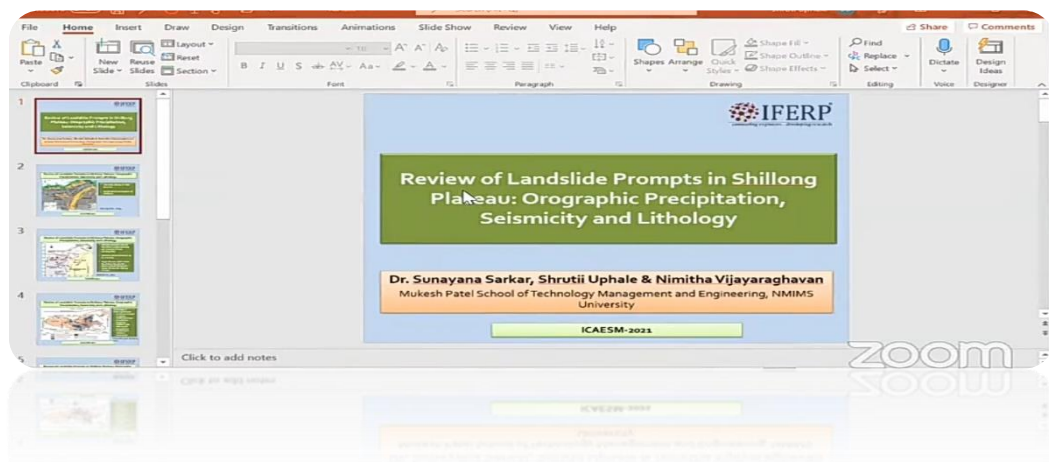
Author Name: Sunayana Sarkar.

Co-author Name: Shruti Uphale, Nimitha Vijayaraghavan

University: Mukesh Patel School of Technology Management and Engineering, NMIMS Deemed-to-be University.

Abstract:

This paper presents an integrated review of landslide initiation in the Shillong Plateau within the NER (North-eastern Region) of India. An ensemble of factors forms the hybrid trigger responsible for the earth movements namely, the specific lithology of the region, in alignment with geological and meteorological factors (Cerri et al., 2017). Landslides are one of the most catastrophic and recurring natural disasters, affecting several hilly terrains around the world and impacting key economic sectors such as road transport, agriculture and frequent loss of life and livestock. (Dikshit et al., 2020). The plateau receives the highest orographic rainfall in the world (Mawshynram, Cher punji) and bears the brunt of rain-bearing southwest monsoon winds. The highland comprises highly crushed Archean granite gneisses (due to intra plate tectonic shearing and exhumation of older strata) with overlying meta sediments (including limestones) and sporadically distributed volcanics. These present a semi consolidated lithology to landslide promoting factors. Porosity of the sedimentary sequences and induced porosity of the gneisses (due to intense shear related fracturing) add to groundwater dependent mobilization of the slopes. Shillong Plateau exists at the junction of three tectonic plates, namely the Indian, Eurasian and the Burmese plates. The resultant intense tectonic forces have created prominent faults and shear zones, movement along which cause Zone V earthquakes in the region. All these factors have a cumulative effect on landslides in this unique geological landscape



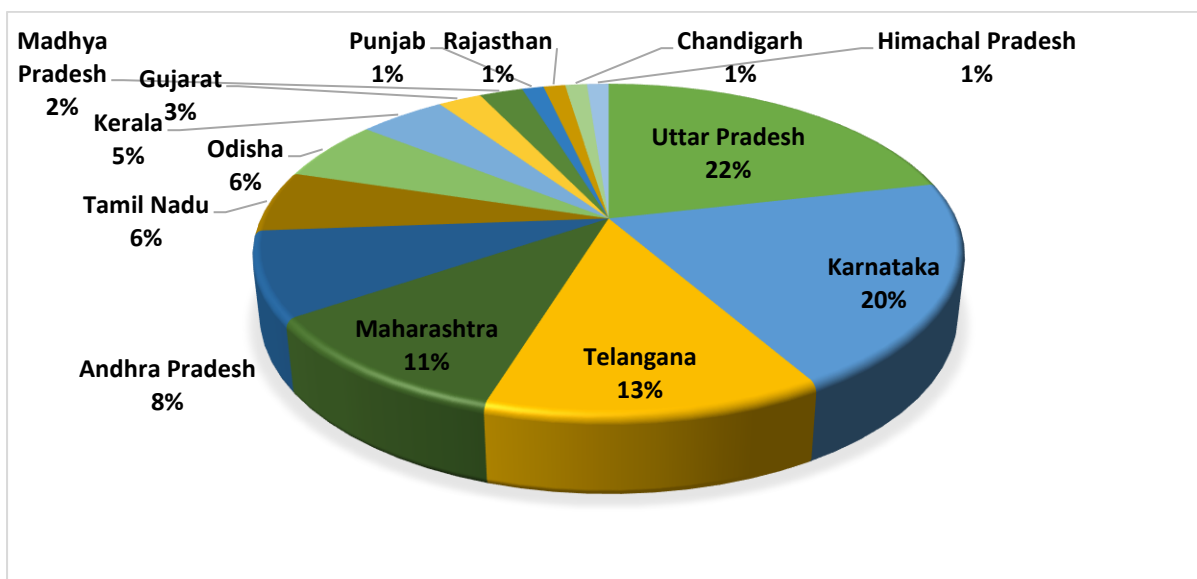
7.SURVEY ANALYSIS

7.1 Registrations statistics.

Total No. of. papers Accepted from Various States of India: 84

- Tamil Nadu-5
- Uttar Pradesh-18
- Andhra Pradesh-7
- Maharashtra-9
- Telangana-11
- Kerala-4
- Karnataka-17
- Odisha-5
- Gujarat-2
- Rajasthan-1
- Punjab-1
- Madhya Pradesh-2
- Chandigarh-1
- Himachal Pradesh-1

Papers Accepted from Various States of India

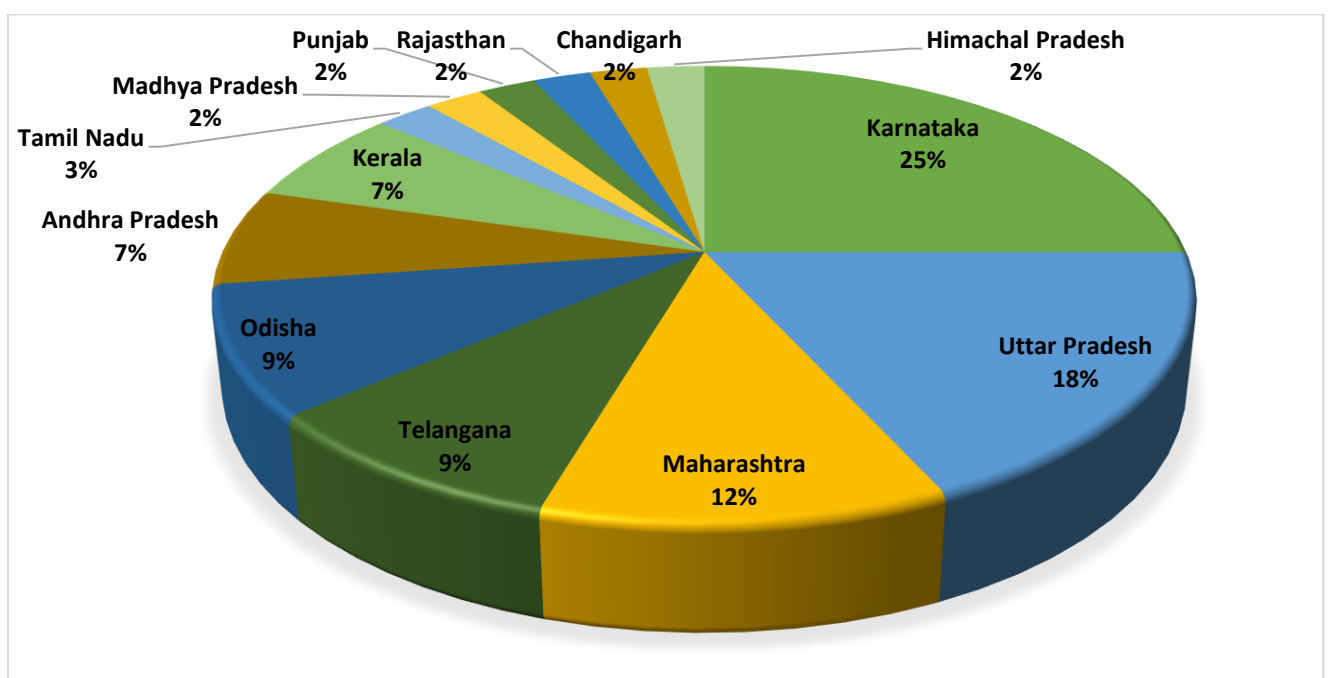


Total No. of. papers Registered from Various States of India: 44

- Tamil Nadu-1
- Uttar Pradesh-8
- Andhra Pradesh-3
- Maharashtra-5
- Telangana-4
- Kerala-3

- Karnataka-11
- Odisha-4
- Rajasthan-1
- Punjab-1
- Madhya Pradesh-1
- Chandigarh-1
- Himachal Pradesh-1

Papers Registered from Various States of India

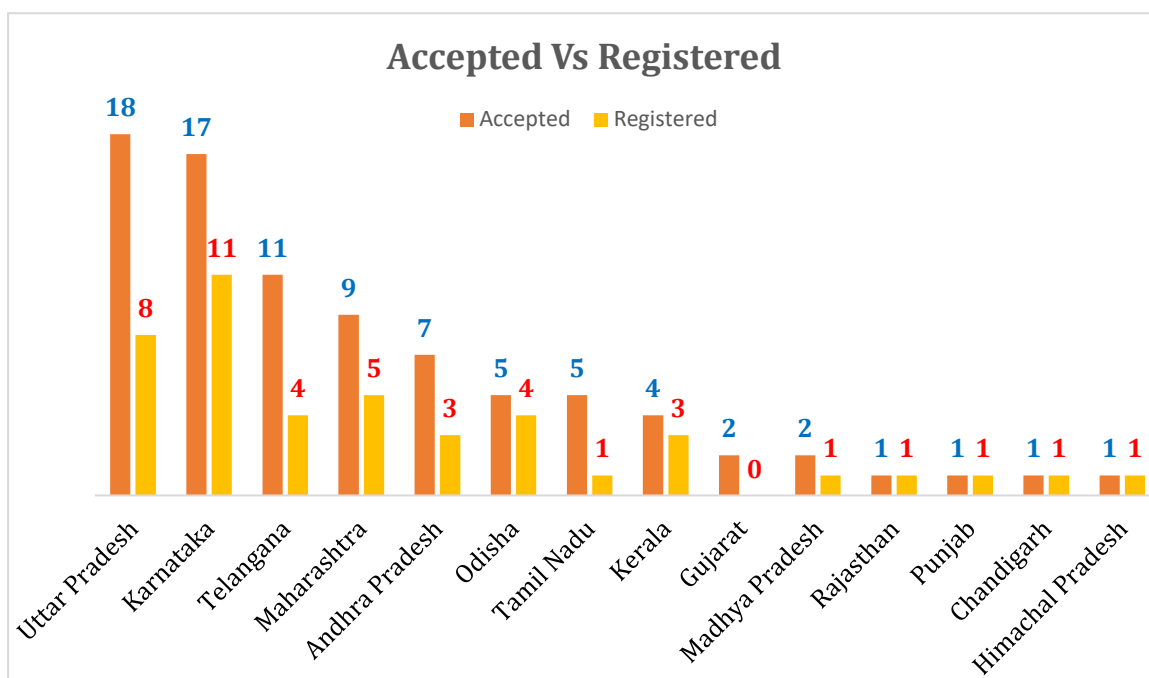


Papers received from Abroad countries: 05

- Indonesia-1
- Colombia-1
- Philippines -2
- Japan (Indian Author)-1

Papers Registered from Abroad countries: 01

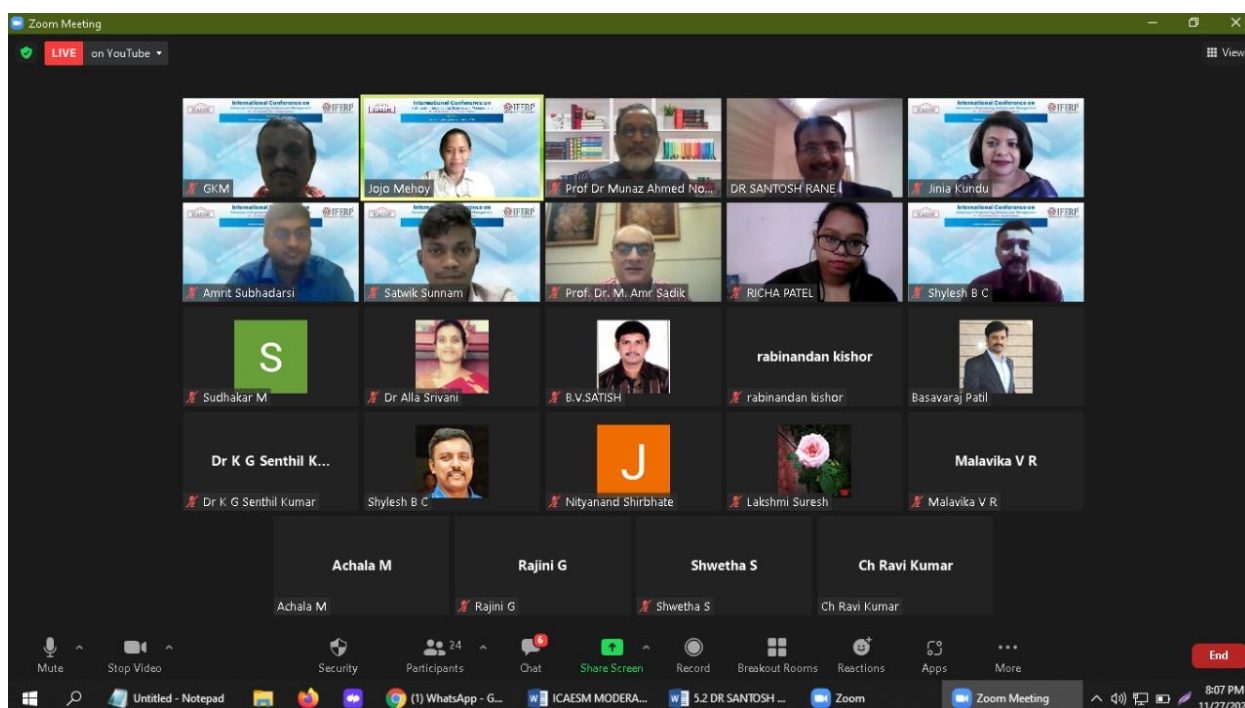
- Japan (Indian Author)-1



8. Conference Glimpses

YouTube Link:

<https://www.youtube.com/watch?v=WFDXYN6ZlkU>



You are viewing rabinandan kishor's screen View Options

IFERP
connecting engineers...developing research

Labor status in Japan and analysis of WMN model to procure External human resource from overseas

Rabinandan Kishor

International Conference on Advances in

Unmute Start Video Typing Meter Tools Participants Chat Share Screen Record Breakout Rooms Reactions Leave Room

Sudhakar M
GKM
B.V.SATISH
Shylesh B C

Zoom Meeting You are viewing Achala M's screen View Options

Jojo Meloy Dr.D Mohan Rajini G Prof Dr Munaz... Amrit Subhadarsi Jinia Kundu

IFERP

Simulation Of Successive Interference Cancellation Of NOMA

Achala.M
PG Student

International Conference on Advances in Engineering, Science and Management (ICAESM-2021) Bangalore 28th November

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

WhatsApp - Googl... ICAESM MODERAT... Zoom Meeting

9:54 PM 11/27/2021

Zoom Meeting - Room 1

You are viewing B.V.SATISH's screen

Participants (15)

Find a participant

Sudhakar M (Co-host, me)

B.V.SATISH

[18B01A0504] A.Sowjanya Virajith...

[19B05A0502] Allada Poulami Devi...

Anusha Shettar

GKM

JANIB HUSSAIN

jayakala

Nainika Singh

rabinandan kishor

Sai Veera Venkata Satya Sunanda ...

Savneet Kaur

Shylesh B C

Shylesh B C

Sony Kuriakose

Mute All

Unmute Start Video

Participants 15

Chat

Share Screen

Record

Breakout Rooms

Reactions

Leave Room

ENG IN

11:27 28-11-2021

PPT.pptx - Microsoft PowerPoint

IFERP

Imprinting online video timeline based on a user keyword concernment

by

B.V.SATISH BABU

Authors: K.Siva rama Krishna, B.V.Satish Babu, Dr. A.Srinivas Rao, K. Srinivas Rao, Andhra Loyola Institute of Engineering and Technology, Vijayawada

ICAESM-2021, Bangalore.

Zoom Meeting - Room 1

You are viewing Nainika Singh's screen

Participants (19)

Find a participant

[19B05A0502] Allada Poulami De...

Anusha Shettar

B.V.SATISH

DR. RITESH RASTOGI

GKM

JANIB HUSSAIN

jayakala

rabinandan kishor

Sai Veera Venkata Satya Sunanda...

Satwik 3549

Savneet Kaur

Shylesh B C

Sony Kuriakose

Sri Sravya Amudalapalli

sony

Mute All

Unmute Start Video

Participants 19

Chat

Share Screen

Record

Breakout Rooms

Reactions

Leave Room

ENG IN

11:58 28-11-2021

IFERP

ICAESM

Research Article

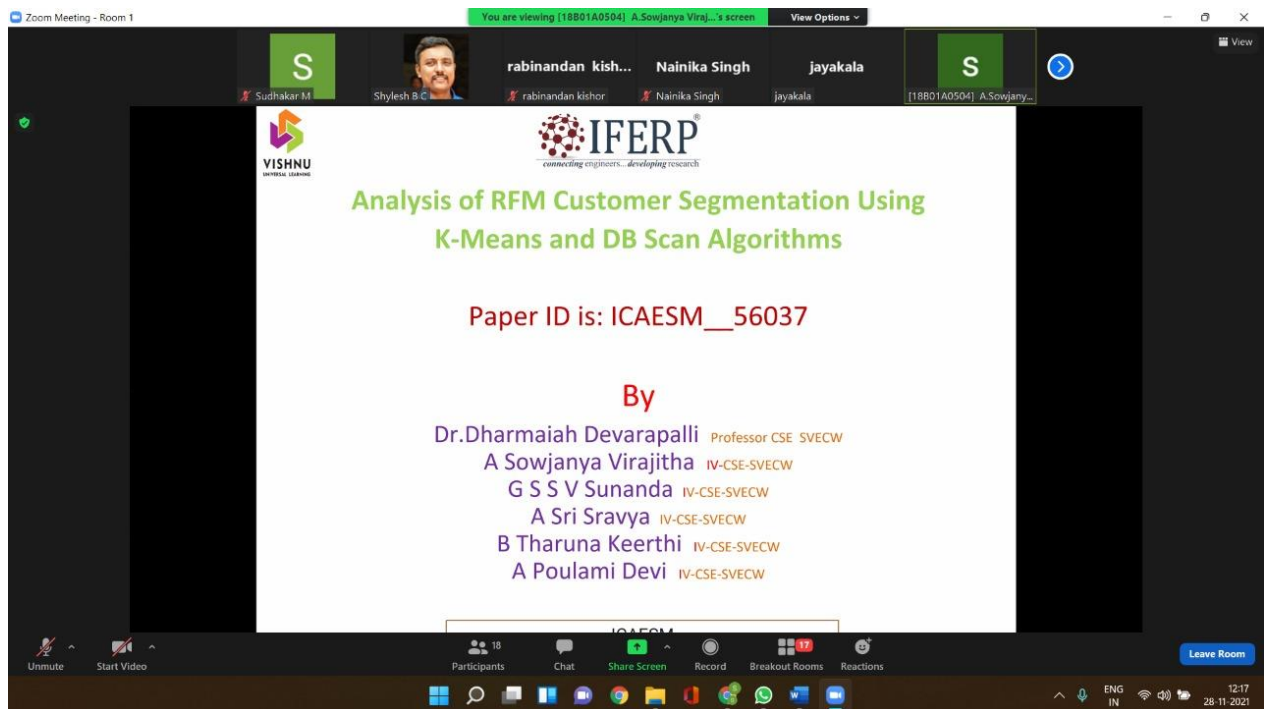
Cloud Computing: Network/Security threats & Counter Measures

Author: Nainika Singh

Co-Author: Janib Hussain

Under Guidance of Dr. Ritesh Rastogi

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY



9.FEEDBACK

1. Overall Comments of the Participants:

- Very Good
- Satisfactory
- Good job
- Excellent...
- It was one of the best virtual conference I have ever attended. TQ for organizing in such a good Organized way
- It was great ! Well arranged, and managed.
- 👍👍
- Good maintenance of timings and management of the sessions.
- Good lectures of the resources Persons were included.
- Fare. The chairperson of the technical sessions could have been better according to the subject of the technical papers.
- Well organized.
- Good sessions.
- It's a wonderful opportunity
- Very interesting and fine experience
- Conference organization very nice, time punctuality, politeness, etc.,
- It is ok
- All perfect.

- Overall it was a great conference. Went well. The speakers did a commendable job.
- I will give 7 out of 10
- it would be better if you include the topics like Artificial Intelligence, Machine learning
- Time management is really appreciating
- overall it was very useful conference
- Good Area presentations
- All the presentations are Good

2. Aspects of the conference were of more value given to participants:

- Concepts on different techniques
- Good Coordinating
- Arrangements wrt to time and speakers
- Choice of the topics
- paper presentation sessions
- Presentation skills
- nothing to say. Everything was best for me.
- The technical knowledge
- Speakers
- Excellent Organization
- Quality of paper
- Keynote lectures
- The best thing during the conference was the active help being provided to us.
- Giving an opportunity to present my idea

3. aspects of the conference were of least value given by participants:

- Nothing
- Well-done, nothing less satisfied.
- No least value
- No, All are valuable
- Some thesis part.
- Time for paper presentation is less
- Dates
- The categorization of the technical papers under various technical sessions would have been further better. I felt that my paper was odd man out in the assigned technical session

10.VOTE OF THANKS:

International Conference on Advances in Engineering, Science and Management (ICAESM-2021) successfully hosted its premiere ICAESM-2021 28th & 29th November. The conference was organized with a focus on Engineering Management Studies 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 Management Studies we take the opportunity to thank all the speakers, delegates, and participants for providing their valuable support and time for ICAESM-2021.

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 Management Studies and appreciates all the participants who put their efforts in poster presentations & Young Researchers form and sincerely wishes them success in future endeavours.

In the Award Ceremony Session best paper and best paper Presentations of International Conference on Advances in Engineering, Science and Management (ICAESM-2021) was announced by Technical Session chairs

11.CONCLUSION SUMMARY

ICAESM-2021 was a success event organized by IFERP amid the COVID19 with a collective effort from host organization, Organization committee members and all participants.

The “**International Conference on Advances in Engineering, Science and Management**” was a notable event which brings Academia, Researchers, Engineers, Industry experts and Students together. The purpose of this conference was to discuss applications and development in area of “**Engineering, Management and General Science**”

This study aimed to determine the effectiveness of understanding the self to the freshmen students of selected colleges. The data were analyzed and interpreted through the use of percentage and standard deviation.

The purpose of this study aimed in this conference was to determine the social responsibility practices and the significant difference in the small and medium

enterprises (SMEs). The enterprises were grouped by classifications, business organizations, and business types. And this study recommends that small and medium enterprises should integrate social responsibility in all phases of their business operation that will improve the quality of life of the workforce and their families, the welfare of the community, and the well-being of society.

This phenomenological conference also intends to capture and articulate with the experiences in leadership and management as they are to achieve success and provide global class education for their clients.

At a practical level, the theme and aim of this conference provides valuable resource to assist aspiring people more proficient in leading and managing as well as the available resources as academic bureaucrat. Finally, the findings of this study could potentially serve as knowledge-avenue for college deans and directors, reasearch scholars, industry experts and students in choosing and to develop academic leaders' competencies and skills in decision making.

Our Associates



Proceeding Book

Click to download the proceeding book:

<https://drive.google.com/file/d/1tQocCzYKWPeUBIDm702c2t3pYsAKUZ6-/view?usp=sharing>

Conference Poster

Click to download the Conference poster:

<https://drive.google.com/file/d/1bTwoX3FCaUUTM6rLowv3fV27layBP0ma/view?usp=sharing>

Conference Brochure

Click to download the Conference Brochure:

<https://drive.google.com/file/d/1jrEOaLgOj3AAgG0msawmdsPoD1SUfj75/view?usp=sharing>

Conference Background

