

# Past Conference Report

*3<sup>rd</sup> International Conference on*  
**Multidisciplinary Innovation in Academic  
Research**

**Chennai, Tamil Nadu**

**25<sup>th</sup> & 26<sup>th</sup> November 2021**

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## 1. EVENT SUMMARY

<b>Conference Name</b>	: 3 <sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021)
<b>Date</b>	: 25 <sup>th</sup> & 26 <sup>th</sup> November 2021
<b>Conference Theme</b>	: Multidisciplinary Innovations in the field of Engineering, and Management and Medical Sciences
<b>Auspice Organisations</b>	: Institute for Engineering Research and Publication (IFERP)
<b>Mode/Place</b>	: Virtual Conference
<b>No. of Delegates</b>	: 40 Delegates for the conference.

### 1.1 OVERVIEW

3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021) held on the 25<sup>th</sup> & 26<sup>th</sup> 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

3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-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

3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021) held on the 25<sup>th</sup> & 26<sup>th</sup> November 2021 organised by Institute for Engineering Research and Publication (IFERP).

3<sup>rd</sup> ICMIAR-2021 offered researchers, delegates and scholars an incredible chance to interact with each other and share their experience and knowledge of technology application.

3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-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.

ICMIAR-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

3<sup>rd</sup> ICMIAR 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 fields.

#### 4.INAUGURAL PROGRAMME

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

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

The day 2 of the conference started by welcoming all participants, dignitaries and special guests followed by the technical participants. On Session 1 and 2, multiple technical

participants had presented their views based upon the theme of conference. Post completion, our honourable Technical session chairs announced the Award winners of each session followed by Vote of thanks. All together the 3<sup>rd</sup> ICMIAR conference conducted on 25<sup>th</sup> & 26<sup>th</sup> November was arranged and completed successfully.

#### 4.1 KEYNOTE SPEAKERS

Welcoming Keynote Speakers of the 3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021)



**Dr. Marc Moser**

Professor and International Visiting Faculty, Saas-Fee, Valais, Switzerland.



**Dr. Kiran Nair**

Director, MBA Program & Associate Professor of Management, Abu Dhabi School of Management (ADSM), UAE



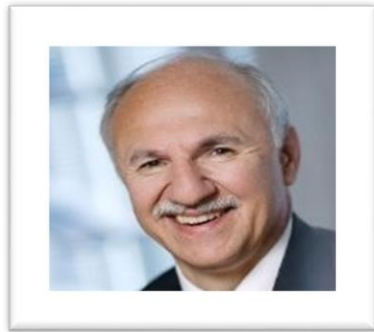
**Dr. Deepak Tandon,**

Professor - ( Finance & Accounting Area),  
Programme Director-Centre For advanced banking,  
International Management Institute (IMI), Tara  
Crescent, New Delhi.



**Dr. Rami Hikmat Al-Hadeethi**

Industrial Technology & Operations Management,  
University of Bradford, UK, Vice President for  
International Relations, University of Victoria,  
London, UK.



**Mr. Gary Cokins**

Founder and CEO, Analytics-Based Performance  
Management LLC, The United States.

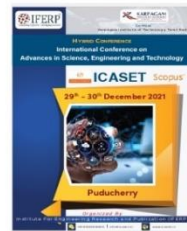
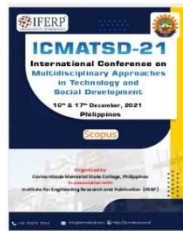
#### 4.2 Conference Proceedings Release

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



IFERP International Conference  
IFERP Explore  
<https://icmiar.net/> | [info@icmiar.net](mailto:info@icmiar.net)

#### UPCOMING CONFERENCES



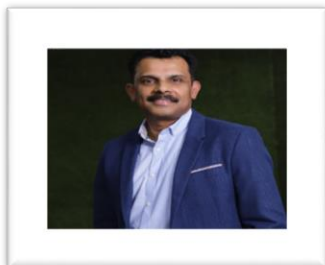
**Echnoarete**® Group  
Integrating Researchers to Incubate Innovation

#### SUPPORTED BY



### 4.3 Keynote Speakers and Tutorial Sessions

#### Day 1 Speakers Session



#### Dr. Kiran Nair

Director, MBA Program & Associate Professor of Management, Abu Dhabi School of Management (ADSM), UAE

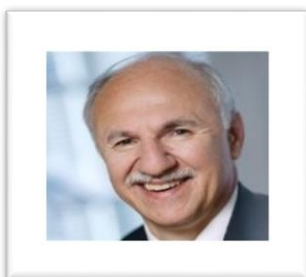
#### Biography:

Dr. Kiran Nair is an International Marketing Professional with over nineteen years of experience in Marketing, Management, Human Resource Management, and



Supply Chain Logistics Management. His track record shows my expertise and mastery in industry experience in the field of Marketing and Management. Throughout my professional life, he spared no effort in maintaining excellence that helps achieve a company's strategic goals. His current profession as a Director and an Associate Professor of Management has allowed me to hold multiple responsibilities and a multi-disciplinarian network.

Talking about his dynamic track record, as a Country Leader at Imation India Pvt Ltd, and keeping projects on track, he has also focused on ensuring operational efficiency and developing strategic plans. He acted as a Business Development Manager at Imation Middle East Dubai. He has certifications in Motivating Individuals, Brand Management, Retail Management, and Sustainable Business Strategy



### **Mr. Gary Cokins**

Founder and CEO, Analytics-Based Performance Management LLC, The United States.

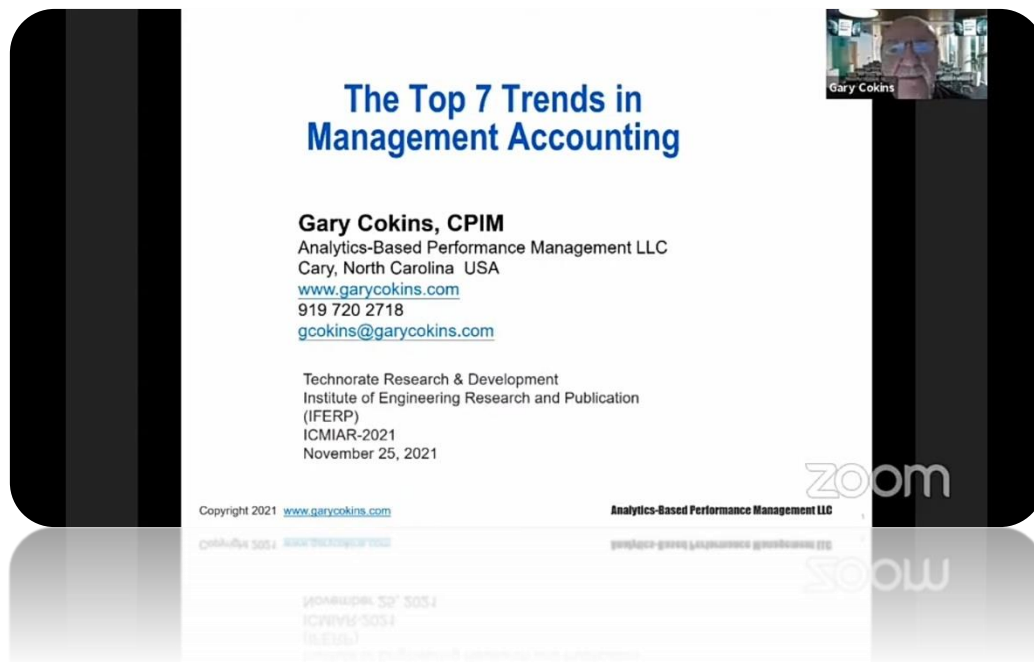
### **Biography:**

Mr. Gary Cokins has first ten years' experience as a financial controller and operations manager, and then fifteen years as a management consultant (Deloitte, KPMG, and EDS). Then sixteen years with SAS, the prominent business analytics and intelligence software vendor, He became internationally recognized as an expert



speaker, author, and consultant in the "enterprise performance management (EPM)" and business analytics methods and systems.

His Specialties in Designing, integrating, and implementing analytics-based enterprise performance management (EPM) systems, including activity-based cost management (ABC/M), strategy maps, balanced scorecard, budgeting, customer economic value, risk management ,and supply chain management



**Keynote Speech About:** The Top 7 Trends in Management Accounting

## Day 2 Speakers Session



**Dr. Marc Moser**

Professor and International Visiting Faculty, Saas-Fee, Valais, Switzerland.

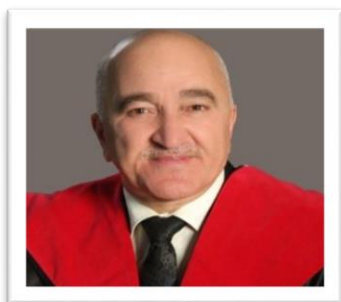
### Biography:

Marc is an authentic, progressive, versatile, fully trilingual, intellectually curious and hands-on senior Swiss executive with over 20 years of international professional exposure to and leadership experience in general management, strategic planning, business development, and finance & administration management.

He is an African market entry expert and therefore possess integral expertise in effectively and successfully leading multinational organizations and cross-cultural teams into and within economically and politically diverse developing and emerging humanitarian and business contexts.

He has successfully ventured numerous start-up initiatives and therefore possess a proven track record as an intercultural generalist, adaptive change facilitator and cross-cultural negotiator.





**Dr. Rami Hikmat Al-Hadeethi**

Industrial Technology & Operations Management,  
University of Bradford, UK, Vice President for  
International Relations, University of Victoria, London,  
UK.

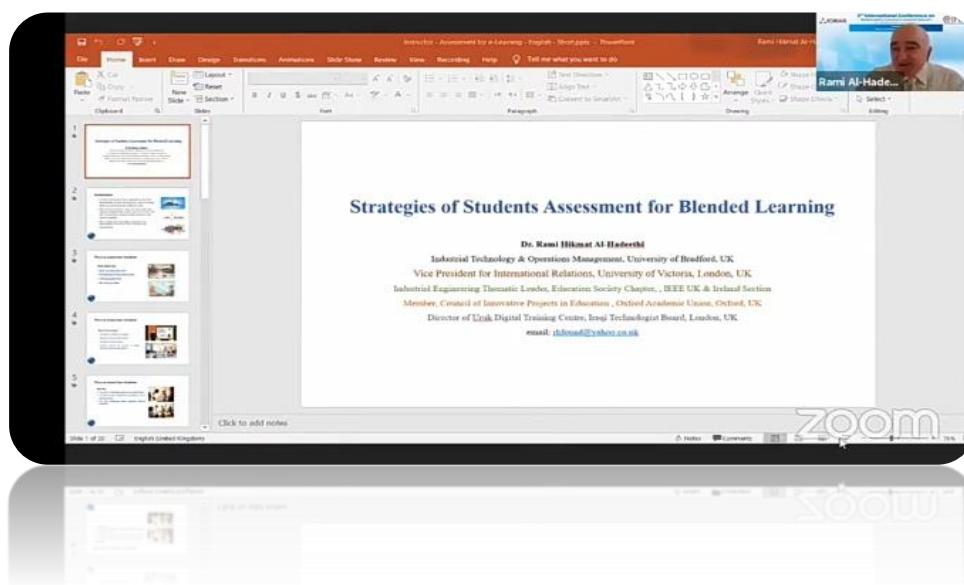
**Biography:**

An Associate Professor of Industrial Technology & Operations Management whose broad-based commercial and trade and industry expertise, combined with an unrelenting passion for instilling best practice administrative and operational cultures, are the driving forces behind an internationally renowned 29+ year career.

His experience in the field of Conflict Resolution has necessarily enabled me to work with and across a wide range of cultures and teams both locally and internationally.

As an experienced humanitarian He committed to empowering others through a shared focus and my aim is to continue to help others to develop their lives and achieve opportunities through working closely with a wide range of voluntary sector and charitable organizations.

**Keynote Speech About:** Strategies of Students Assessment for Blended Learning





**Dr. Deepak Tandon,**

Professor - ( Finance & Accounting Area), Programme  
Director-Centre For advanced banking, International  
Management Institute (IMI), Tara Crescent, New Delhi.

**Biography:**

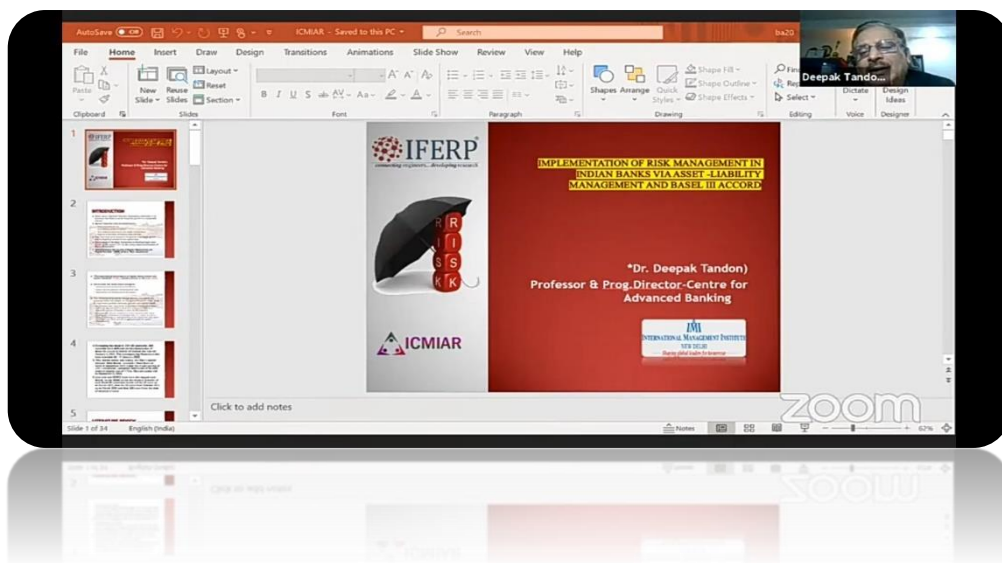
**Biography:**

Dr. Deepak Tandon has 36 years of work experience. He has a Ph.D. Management – Finance & M.B.A. – Finance (FMS, Delhi University); L.L.B. (Delhi University); M.Sc. (Delhi University), C.A.I.I.B. (Indian Institute of Banking and Finance, Mumbai) .At IMI he has excelled in Academics since 2007 and has held various positions as Chairperson Banking & Finance, Area Chair Finance and is currently heading the Finance Club .

Prior to joining IMI, he was the Professor in Finance at Lal Bahadur Shastri Institute of Management, Dwarka, New Delhi for 4 years, where he was also the coordinator for PGDM – Executive programme and conducted various MDP's and FDPs. . He has a blend of 39 years of Experience( 15Yrs Academic and 24Yrs Banking areas).He has been a visiting Faculty at SRCC Delhi University , SP Jain Mumbai , IMT Ghaziabad, ICAI , ICWAI , Bridge school Gurgaon , and other allied Premier B Schools. Also has taught at University of Luton/ Bedfordshire UK, Sasin University Bangkok.

He has worked for various Banks viz. PNB ,PNB Capital Services , Vysya , J&K , Indus Ind and Oriental Bank Of Commerce at the level of Vice President / Senior Faculty – Forex and Risk Management { Scale I to Scale V }. He is an approved ISO Lead Auditor from Nigel Bauer & Associates (Germany), IRCA Certified(London) Auditor. He has authored Over 130 peer reviewed research papers and over 25 are Scopus Publications He has also authored 8 . Has been a leading Keynote Speaker at various International Forums , conferences, and events at New York (USA) , Delhi University affiliated Colleges , JNU , IP University. Received the best Academician Award of year 2018 from Integrated Chambers of Commerce and industry on 11th august 2018 Received the best Professor in finance & Accounting Award from Academy of Management professionals and IDMBA ( Institute for digital Marketing & Business Analytics ) - Academic Excellence award 2019. In February 2020 he received the Amity Excellence Award for the Best Professor in the area of Banking and Finance from Amity University Noida. He has been awarded 10 Awards in Academics and Research by accredited bodies and is on the editorial Board of Various International Journals.





## 5. SESSION CHAIRS



### **DR. M. MAHABOOB BASHA**

Professor, Department Of Electronics And Communication Engineering, Sreenidhi Institute of Science and Technology, Hyderabad, Telangana, India



### **DR. J. JEBA RAJ**

Professor, Department Of Mathematics, Vivekanandha Educational Institutions, Trichengodu, Tamil Nadu, India.



**DR. S. M. SUBASH**

Associate Professor, Department Of Civil Engineering, Guru Nanak Institute of Technology, Ibrahimpatnam, Telangana, India.



**DR. R. PARVATHI**

Associate Professor, Department Of Information Technology, Hindustan Institute of Technology and Science, Chennai, Tamil Nadu, India.

**6. SCIENTIFIC PROGRAM**

**DAY 1**

<b>09:50 AM to 10:00 AM</b>	<b>Introduction and Welcome Speech by Moderator</b>
<b>10:00 AM to 10:40 AM</b>	<b>Keynote Speech by Dr. Kiran Nair, Director, MBA Program &amp; Associate Professor of Management, Abu Dhabi School of Management (ADSM), UAE.</b>
<b>10:40 AM to 01:00 PM</b>	<b>Technical Session-I</b>
<b>01:00 PM to 02:00 PM</b>	<b>Lunch Break</b>
<b>02:00 PM to 04:30 PM</b>	<b>Technical Session-II</b>



<b>04:30 PM to 05:15 PM</b>	<b>Keynote Speech by</b> <b>Mr. Gary Cokins, Founder and CEO, Analytics-Based Performance Management LLC, The United States</b>
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## DAY 2

<b>09:30 AM to 09:40 AM</b>	<b>Introduction and Welcome Speech by Moderator</b>
<b>09:40 AM to 10:20 AM</b>	<b>Keynote Speech by</b> <b>Dr. Deepak Tandon, Professor - ( Finance &amp; Accounting Area), Programme Director-Centre For advanced banking, International Management Institute (IMI), Tara Crescent, New Delhi.</b>
<b>10:20 AM to 11:00 AM</b>	<b>Keynote Speech by</b> <b>Dr. Marc Moser, Professor and International Visiting Faculty, Saas-Fee, Valais, Switzerland</b>
<b>11:00 AM to 12:00 PM</b>	<b>Technical Session-III</b>
<b>12:00 PM to 12:40 PM</b>	<b>Keynote Speech by</b> <b>Dr. Rami Hikmat Al-Hadeethi, Industrial Technology &amp; Operations Management, University of Bradford, UK, Vice President for International Relations, University of Victoria, London, UK</b>
<b>12:40 PM to 01:30 PM</b>	<b>Lunch Break</b>
<b>01:30 PM to 04:30 PM</b>	<b>Technical Session-IV</b>
<b>04:30 PM to 04:45 PM</b>	<b>Awards Ceremony</b>

## Technical Session I

### Early Prediction Of Brain Disorders By Machine Learning Classifiers

*Presented by B. VENKATARAMANAIAH*

### Adoption Of ESCM And Toe Framework: Impact Of Firm Size

*Presented by DR. ANUSHA SREERAM*

### Diagnosis Of ECG Signal For Signal Quality Using Convolutional Neural Networks

*Presented by M. GAYATHRI*

### Emotional Level Cause Detaches In Text Analysis Using Pre-Trained Bert Model Of NLP Technique

*Presented by K. JAYANTHI*

### VLSI Implementation Of Lossless ECG Compression Algorithm Using Adaptive Trending Prediction

*Presented by ADABALA SAI SANKAR*

### Feature Extraction Of Corneal Ulcer And Image Classification Using Deep Convolutional Neural Network With VGG 16 Model

*Presented by S. JANET GRACE SUSILA*

### A System To Detect Violations Of Social Distance

*Presented by JANANI CHENNUPATI*

### Road Safety And Traffic Management Using IOT- Challenges, Issues And Solutions

*Presented by N. JAGADEESH*

### Identification Of Brain Tumour With The Help Of Convolution Neural Networks

*Presented by R.S.S. RAJU BATTULA*

## Technical Session II

### **Engineering Profession As A Career Parental Pressure Or Desire-A Statistical Analysis**

*Presented by DEVANARAYANAN BS*

### **A Gender Wise Study Of Academic Stress And It's Source Among Professional Students**

*Presented by ADISH O*

### **Role Of MGNREGA In The Rejuvenation Of Rural Economy After Mega Flood In Kerala**

*Presented by ANUSREE. M*

### **A Statistical Analysis Of Household Expenditure And Income In Kerala**

*Presented by ATHIRA P K*

### **Covid Pandemic-Parents Concern On Higher Education**

*Presented by NAYANA MADHU*

### **Impact Of Covid-19 Pandemic On Education In Schools Of Kerala State**

*Presented by PONNU SOMAN*

### **The Impact Of Celebrity Endorsement On Customer Attitude And Buying Intention**

*Presented by SANATH CHANDRAN*

### **Impact Of Pandemic Covid-19 On General Population: Age Group Analysis, Vaccination**

*Presented by S P DEVAKRISHNAN*

**Relevance Of Queuing Theory To Relegate Waiting Epoch At The Covid-19 Vaccination Centre Using Simulated Approach**

*Presented by **PARVATHY. G***

**A Comparative Study Of Identifying The Most Prompting Nodes In A Network Using Efficiency Of Navigating Agents**

*Presented by **MALAVIKA S***

**Technical Session III**

**A Study on Dynamic Response of High-Rise Buildings Using High Damping Rubber Bearing Base Isolator**

*Presented by **S MALLIKARJUN***

**Lean and Six-Sigma Principles for Green Building Development**

*Presented by **AR. NARAYANAN M***

**Assessment Of Selected Hill Slopes Stability In Aizawl Municipal Area, Mizoram, India**

*Presented by **K ZIRSANGZELI***

**Comprehensive analysis of Mechanical Biological Treatment rejected fraction as a source of RDF**

*Presented by **NIDHI CHHABRA***

**Technical Session IV**

**Ranking Of Airports Based on Operational Efficiency Using PROMETHEE And CRITIC Methods**

*Presented by **DR. ISHVINDER SINGH AHLUWALIA***

**In-depth Review of Different Price Optimization Techniques used by Omni-Channel Retailers**

*Presented by **AMITA GARG***

**A Study on Green Human Resource Management Practices and its effect on Employee Motivation and Organizational Commitment**

*Presented by **DR. NANCY GOEL***

**Survey On Various Secured Authentication Methods In Cloud Computing Environment**

*Presented by **KOMATHI K***

**Survey On Various Efficient Framework To Optimize Security Threats In Cloud Computing**

*Presented by **DIVYA S***

**A Case Study Of Job Implementation In MGNREGA In All District In Kerala**

*Presented by **ANJALI SURESH***

**Statistical Analysis On Post Covid Diseases**

*Presented by **AKHILESH R***

**Comparative study of Plyometrics pushups versus plyometrics drills exercises for throwing accuracy in basketball players**

*Presented by **DR. JAISHREE TIWARI***

**Awareness of Polycystic Ovarian Syndrome among females from urban and rural area-a comparative analysis**

*Presented by **RENUKA JAKHAR***

## **Indian millennials and gen Z: Attitudes towards Technology, Social Media Usage, and Psychological Health**

*Presented by **DIMPLE KARIYA***

## **Classification of Skin Disease Image using Texture and Color Features**

*Presented by **M. KALAIYARIVU***

## **Self-Paced Learning: A Challenge To Modular Distance Learners In The New Normal Education Setting**

*Presented by **MARJORIE P. CASLIB***

## **Fantastic Computing Machine (FCM): A paradigm-shifting ML Model Deployment Strategy**

*Presented by **ADITYA AGARWAL***

### **6.1 Highlights of Day 1 Sessions**

**Day 1 of 3<sup>rd</sup> ICMIAR consist of Two Technical Sessions of each session consist of 9 Presentations.**

#### **6.1.1 Highlight of Session-I**

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



**Title:** Adoption of eSCM and TOE framework: Impact of firm size

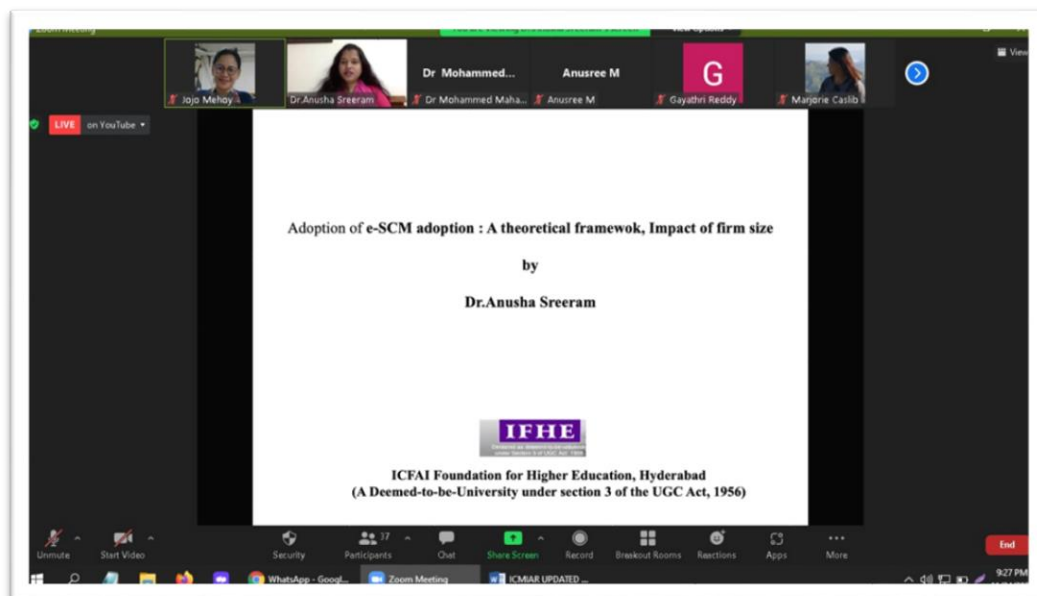


**Author Name:** Dr.Anusha Sreeram, Assistant Professor, IBS Hyderabad, IFHE University.

**Co-author Name:** Mr.Haridoss Ellanti, DGM, Siemens Healthineers Pvt.Ltd

## **Abstract**

eSCM refers to “IT enabled support in implementing SCM process”(Wu and chang,2010). Adoption of eSCM promises improvement in performance by enabling collaboration and flexibility in the supply chain. eSCM helps the firms to serve the markets faster i.e., to attain agility in the supply chain. It is important to understand the factors that influence the adoption of eSCM by both large enterprises (LEs) and SMEs as both the groups have unique characteristics. For example, SMEs are more flexible and LEs have more resources. There exists a need in this area to conduct holistic research on the factors affecting the adoption of eSCM in agile supply chain besides examining the moderating effect of firm size. An extensive literature review is conducted and a theoretical model is proposed based on the transaction cost theory, institutional theory, and TOE framework to examine the adoption of eSCM in agile supply chain and to analyze how those effects are moderated by firm size, SMEs (vs) LEs. Propositions are formulated and future research directions are discussed.



### **6.1.2 Highlight of Session-II**

**Technical Session-II** consist of 10 Presentations in which the attracted presentation is listed below



**Title:** Role of MGNREGA in the Rejuvenation of Rural Economy after Mega Flood in Kerala

**Author Name:** Anusree M,

**Co-author Name:** Sharika SG, Manjusha R

**University/Organization:** Amrita School of Arts and Science, Kerala.

**Abstract:**

Kerala encountered a mega flood in August 2018. Almost every native of Kerala was affected by this disaster. Most vulnerable among them were the rural people. They lost their savings of a lifetime and even their livelihood too. In this study, we are trying to portray the increased dependence on MGNREGA in rural areas for livelihood after flood. For this study we have considered seven Grama Panchayats of Haripad block as our sample. These panchayats come under the Kuttanad region of Alappuzha district. The lives of the natives of this region mostly depends on agriculture and related activities. These people stands socially and economically weaker and very well represents the rural society of Kerala. We have collected secondary data from government sites and gram panchayat registers. This data was then analyzed using statistical and graphical tools. The analysis results evidently describe the increased dependance on MGNREGA by the rural economy after the flood in Kerala.

**Keywords:** MGNREGA, Households (HH), Physical progress, Financial progress.



## 6.2 Highlights of Day 2 Sessions

Day 2 of 3<sup>rd</sup> ICMIAR consist of Two Technical Sessions of each session consist of 4 and 13 Presentations.

### 6.2.1 Highlight of Session-III

Technical Session-III consist of 4 Presentations in which the attracted presentation is listed below



**Title:** Comprehensive analysis of Mechanical Biological Treatment rejected fraction as a source of RDF

**Author Name:** Nidhi Chhabra

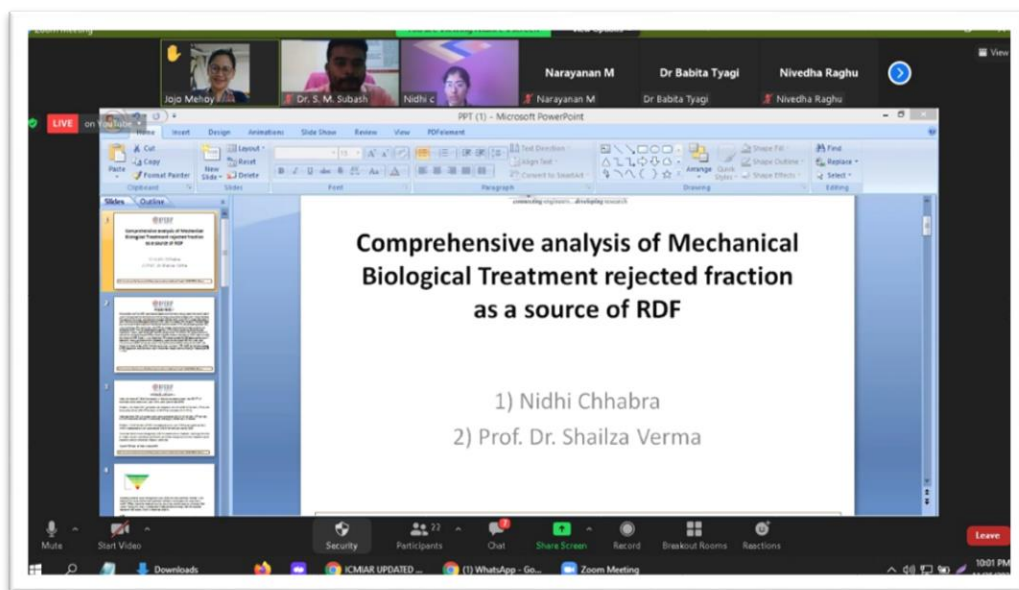
**Co-author name:** Shailza Verma

**University/Organization:** Jabalpur Engineering College, Jabalpur, India.

#### Abstract:

Refused Derived Fuel (RDF) could be considered as an alternative energy source that not only aids in waste management but also helps to minimize energy consumption and pollution in large industries. The potential for energy valorization of rejected municipal solid waste (MSW) streams processed in Katni mechanical and biological treatment (MBT) facility is studied in this research. Therefore, various physical and chemical analysis of mechanical treatment rejects (MTR) and composting rejects (CR), were carried out. The results show that MTR has a higher concentration of moisture content as compared to CR. The high percentage of organics in MTR is mainly due to the lack of a source separation system, poor mechanical treatment performance. The CR and MTR

moisture content is around the standard range of SCF but there is need for moisture reduction by 10% in order to satisfy the criteria for RDF Grade I. It was found that MTR is better suitable for RDF production however if additional measures are taken then Composting rejects can be used as RDF, then under ideal circumstances 2562.3 tonnes per year of waste can be prevented from going to the Landfill and hence saving the energy of 26.44 million Joules/year. As a result, MTR and CR can be used as sources of RDF production and alternative fuels in the cement industry and thus helping in increasing the TSR in India.



## 6.2.2 Highlight of Session-IV

**Technical Session-IV consist of 13 Presentations in which the attracted presentation is listed below**



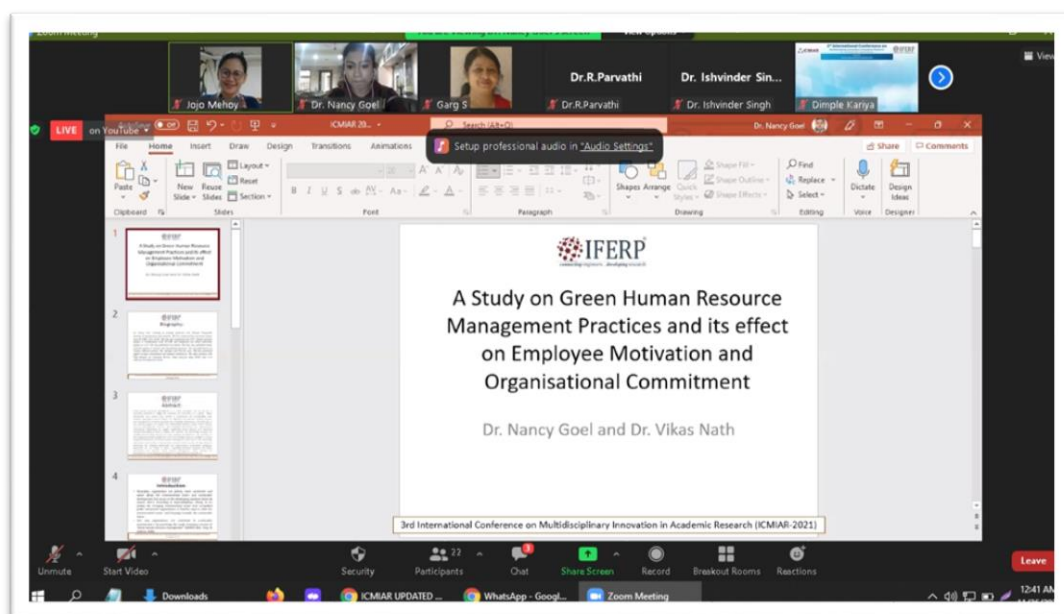
**Title:** A Study on Green Human Resource Management Practices and its effect on Employee Motivation and Organisational Commitment



**Name:** Dr. Nancy Goel, Assistant Professor, Bharati Vidyapeeth Institute of Management and Research, New Delhi, India.

**Abstract:**

Green Human Resource Management is a new conception and in fact has a boundless potential to oblige the humanity and industries as a whole. Many Commercial zone where issues related to environment and sustainability have received a prodigious deal of debates and arguments are selection, training, rewards and compensation of human Resource for sustainable businesses. The main aim of this research paper is to explore the relationships between various Green Human Resource Management Practices (Green Training and Development, Green Recruitment and Selection, Green Reward Management, Green Employee Involvement) and organisational commitment and Employee Motivation. Researcher has applied Exploratory Factor Analysis and Structural Equation Modelling in order to explore and examine the relationship amongst the variables that has been found out during reviewing the literature. The outcomes of this empirical research establish that out of four variables only two variables i.e. Green Recruitment and Selection and Green Reward Management were found to be statistically substantial as per results of this research work and these are also the key elements influencing the Employee Motivation and organisational commitment. There is no mediation effect of Employee Motivation was found between Green Recruitment and Selection, Green Reward Management, Green Training and Development, Green Employee Involvement to Organizational Commitment.



### 6.3 Awards

**Day 1 of 3<sup>rd</sup> ICMIAR-2021 Conference consist of 2 Technical sessions in total in which best paper and best presentation had given as per each session**

Session	Best paper	Best Presentation
<b>DAY 1 AWARDS</b>		
Technical Session-I	VLSI Implementation Of Lossless ECG Compression Algorithm Using Adaptive Trending Prediction - <b>ADABALA SAI SANKAR</b>	Adoption Of ESCM And Toe Framework: Impact Of Firm Size - <b>ANUSHA SREERAM</b>
Technical Session-II	Role Of MGNREGA In The Rejuvenation Of Rural Economy After Mega Flood In Kerala - <b>ANUSREE. M</b>	A Comparative Study Of Identifying The Most Prompting Nodes In A Network Using Efficiency Of Navigating Agents - <b>MALAVIKA S</b>

**Day 2 of 3<sup>rd</sup> ICMIAR-2021 Conference consist of 2 Technical sessions in total in which best paper and best presentation had given as per each session**

Session	Best paper	Best Presentation
<b>DAY 2 AWARDS</b>		
Technical Session-III	A Study on Dynamic Response of High-Rise Buildings Using High Damping Rubber Bearing Base Isolator - <b>S MALLIKARJUN</b>	Comprehensive analysis of Mechanical Biological Treatment rejected fraction as a source of RDF - <b>NIDHI CHHABRA</b>
Technical Session-IV	Ranking Of Airports Based on Operational Efficiency Using PROMETHEE And CRITIC Methods - <b>DR. ISHVINDER SINGH AHLUWALIA</b>	A Study on Green Human Resource Management Practices and its effect on Employee Motivation and Organisational Commitment - <b>DR. NANCY GOEL</b>

### 6.4 Most Enjoyed Presentations Awards





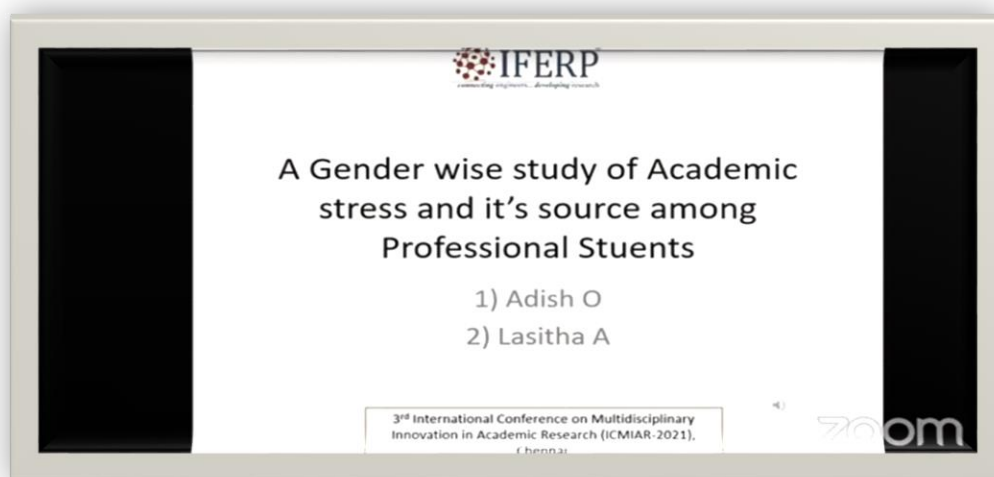
**Title:** A Gender wise study of Academic stress and it's source among Professional Students

**Author/co-author Name:** Adish O, Lasitha V, Amrita Vishwa Vidyapeetham, Amrita School of Arts and Science, Kerala.

**Abstract:**

Due to various expectations, stress has become part of the academic life of students. With changes at the personal and social levels, young people are particularly vulnerable to problems related to academic pressure. Therefore, understanding the source and impact of academic pressure is necessary to develop a fully effective intervention strategy. The main goal of this research is to understand if students are under academic pressure. Furthermore, this study also aims to understand if there are gender differences and stream differences in the academic pressure reported by the participants. The different dimensions of stress assessed by the measurement of academic stress also point to differences in gender and course. Assume that there are significant gender differences and mobility differences in academic pressure. It is also assumed that the dimension of stress will also vary significantly between gender and different streams. Researchers conducted online and offline surveys, Among the 200 students invited to participate in the survey (100% response rate), five-point Likert scale used for this study. The reliability of the questionnaire was calculated using cronbach alpha(0.871), the latest version of statistical software SPSS was used for the analysis part.

**Keywords:** Academic Stress; Gender wise stress, stream wise, Anxiety; Sources of Stress





**Title:** A Study on Dynamic Response of High-Rise Buildings Using Base Isolation Techniques

**Name:** S Mallikarjun MTech, A Shruthi Assistant Professor

**University/Organization:** CVR college of engineering, Telangana.

#### ABSTRACT:

The destruction caused by a seismic event can result in both high casualties and economic damage to buildings and people who live in seismic hazard zones. Following each earthquake, a significant amount of damage has been documented, as evidenced by previous catastrophic catastrophes. The seismic behaviour of a structure with a fixed base and a structure with base isolation is studied in this work using linear and non-linear dynamic analysis as prescribed by IS Codal. The effects of different types of base isolator systems are considered in the modelling of RC buildings for symmetric and asymmetric plan configurations of both G+7 and G+10 storey heights, using the ETABS package. For isolated base and fixed base situations, many characteristics such as storey drift, base shear, base displacement, and time period are compared.



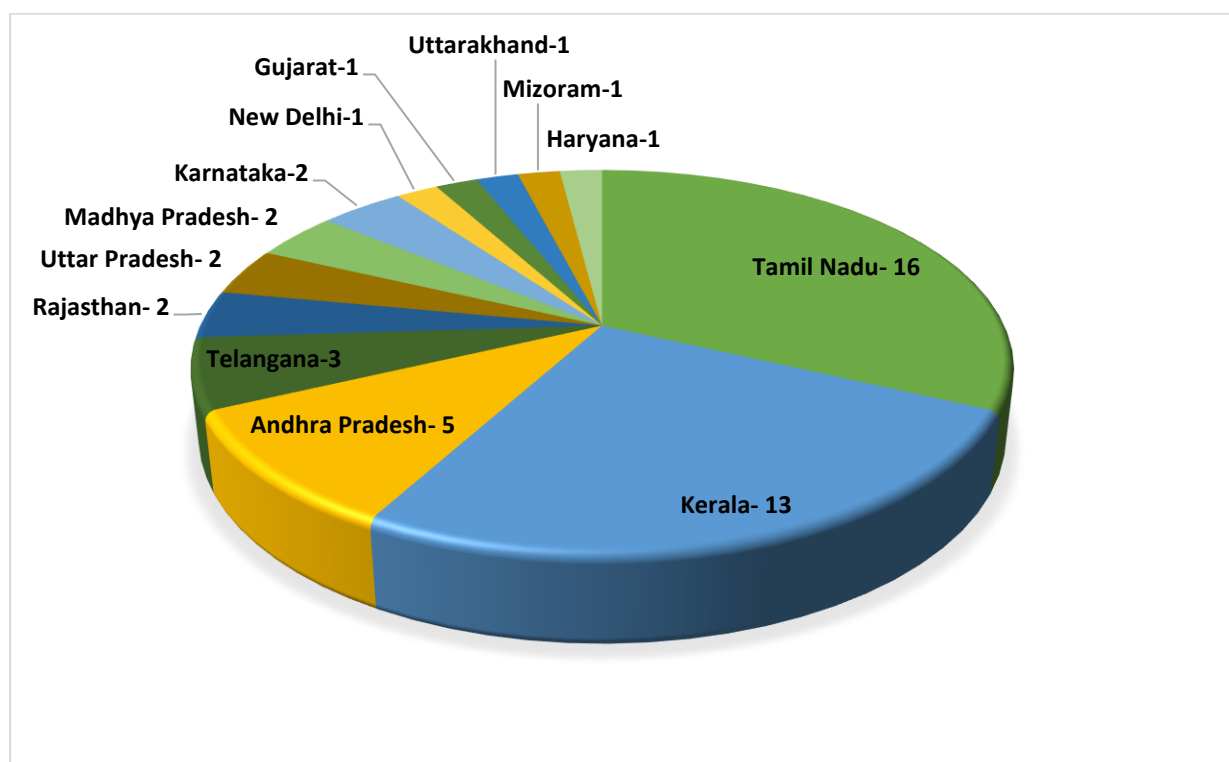
## 7.SURVEY ANALYSIS

## 7.1 Registrations statistics.

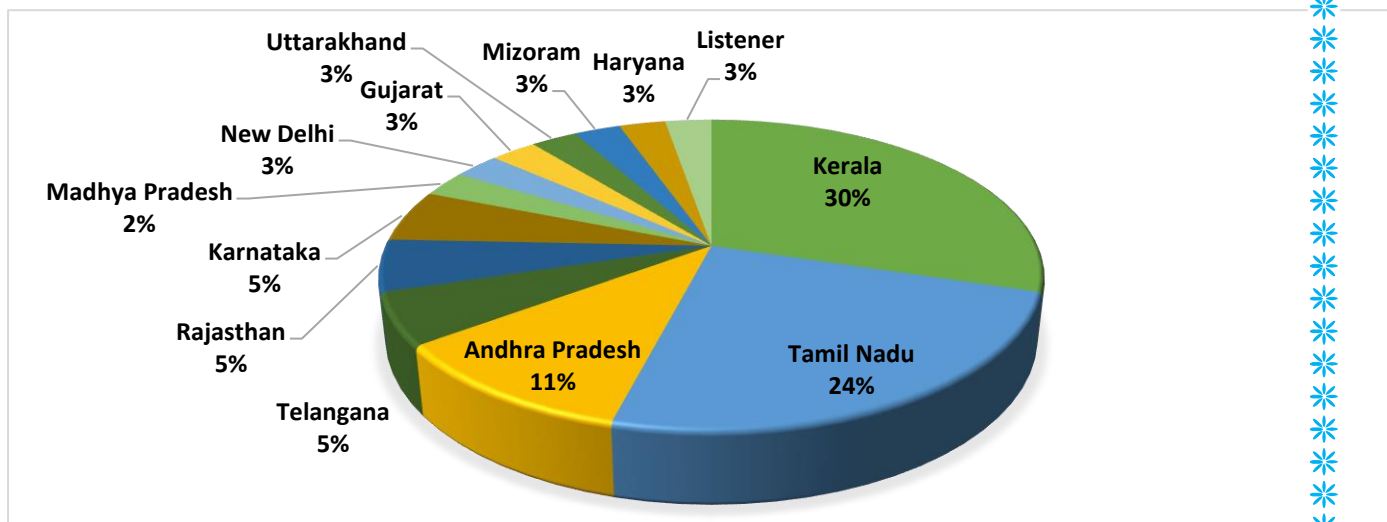
**Total No. of. papers Accepted from Various States of India: 50**

- Tamil Nadu-16
- Kerala-13
- Andhra Pradesh-5
- Telangana-3
- Rajasthan-2
- Uttar Pradesh-2
- Madhya Pradesh-2
- Karnataka-2
- New Delhi-1
- Gujarat-1
- Uttarakhand-1
- Mizoram-1
- Haryana-1

**Papers Accepted from Various States of India**



## Papers Registered from Various States of India



**Total No. of. papers Registered from Various States of India: 36 +1 Listener.**

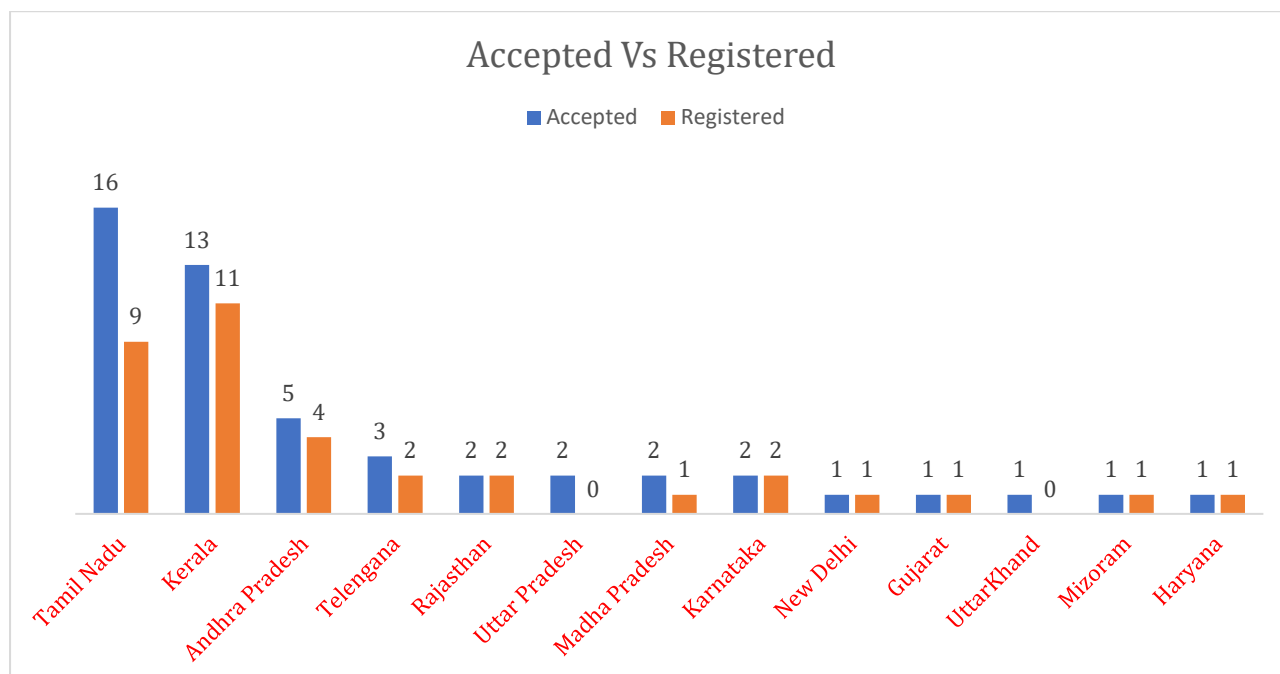
- Kerala-11
- Tamil Nadu-9
- Andhra Pradesh-4
- Telangana-2
- Rajasthan-2
- Karnataka-2
- Madhya Pradesh-1
- New Delhi-1
- Gujarat-1
- Uttarakhand-1
- Mizoram-1
- Haryana-1

**Papers received from Abroad countries: 08**

- Malaysia-1
- Pakistan-1
- Uzbekistan -1
- Vietnam -2
- Philippines -1
- Kazakhstan -1
- Morocco-1

## Papers Registered from Abroad countries: 01+2 Listeners

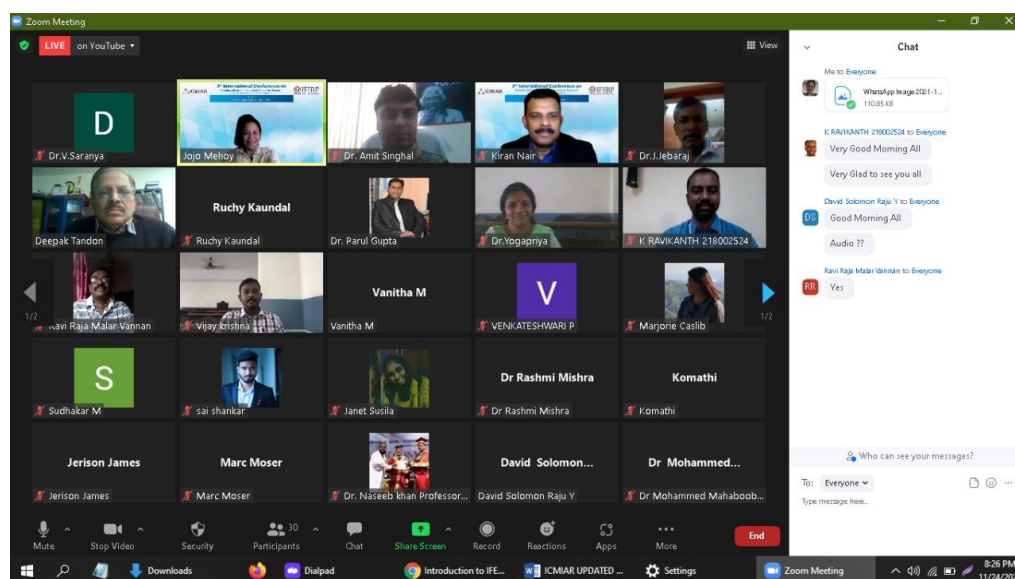
- Kazakhstan -1
- Vietnam -2 Listener



## 8. Conference Glimpses

Day 1 YouTube Link: <https://youtu.be/ehXCn-YC5ic>

Day 2 YouTube Link: <http://www.youtube.com/watch?v=0TIXcGWbIWU>





Zoom Meeting You are viewing vtu14142 V.p.Naveen kumar redd...s screen View Options

**Vel Tech**  
Rangarajan Dr. Sagunthala  
2023 Institute of Science and Technology  
(Deemed to be University Estd. on 3rd UGC Act, 1956)

**“EARLY PREDICTION OF BRAIN DISORDERS BY MACHINE LEARNING CLASSIFIERS”**

GUIDED BY  
Mr. B. VENKATARAMANAIAH,  
Assistant Professor

PRESENTED BY  
1. V.P.NAVEEN KUMAR REDDY (14142) (18UEEC0489)  
2. K.VISHNU VARDHAN REDDY (14216) (18UEEC0187)  
3. V.LAKSHMI PRASANNA KUMAR (14187) (18UEEC0486)

28-11-2021

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

WhatsApp - GoogL... Zoom Meeting ICMAR UPDATED ...

9:11 PM 11/24/2021

Zoom Meeting You are viewing Dr.Anusha Sreeram's screen View Options

**Adoption of e-SCM adoption : A theoretical framewok, Impact of firm size**

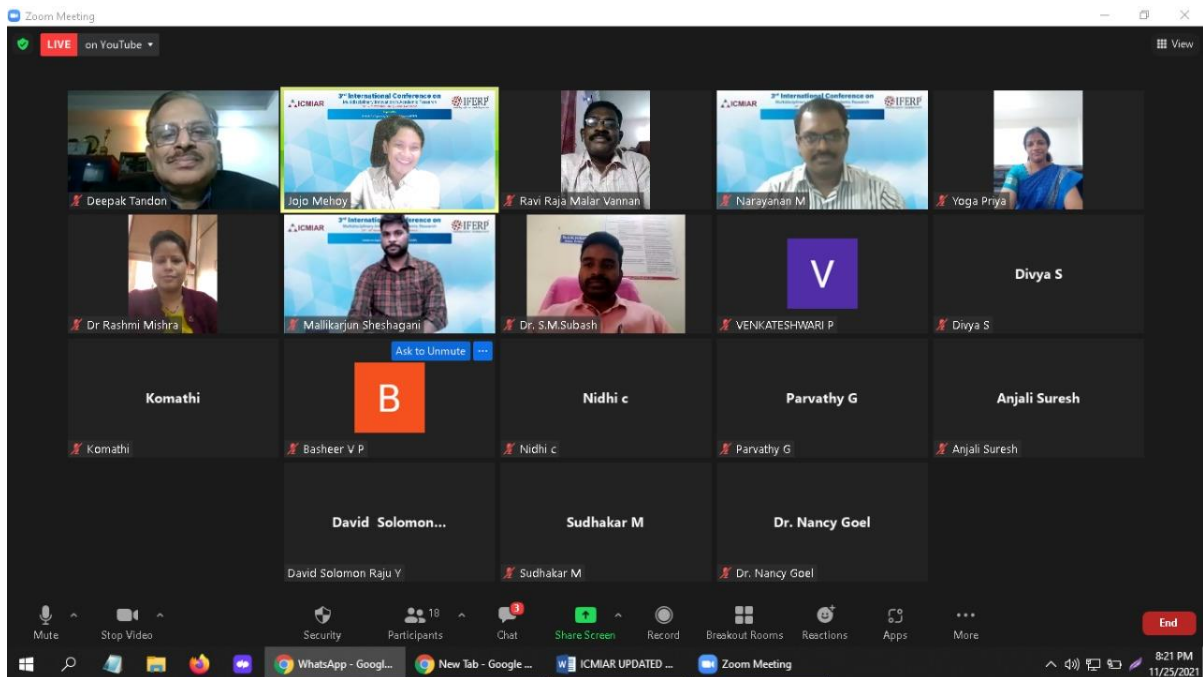
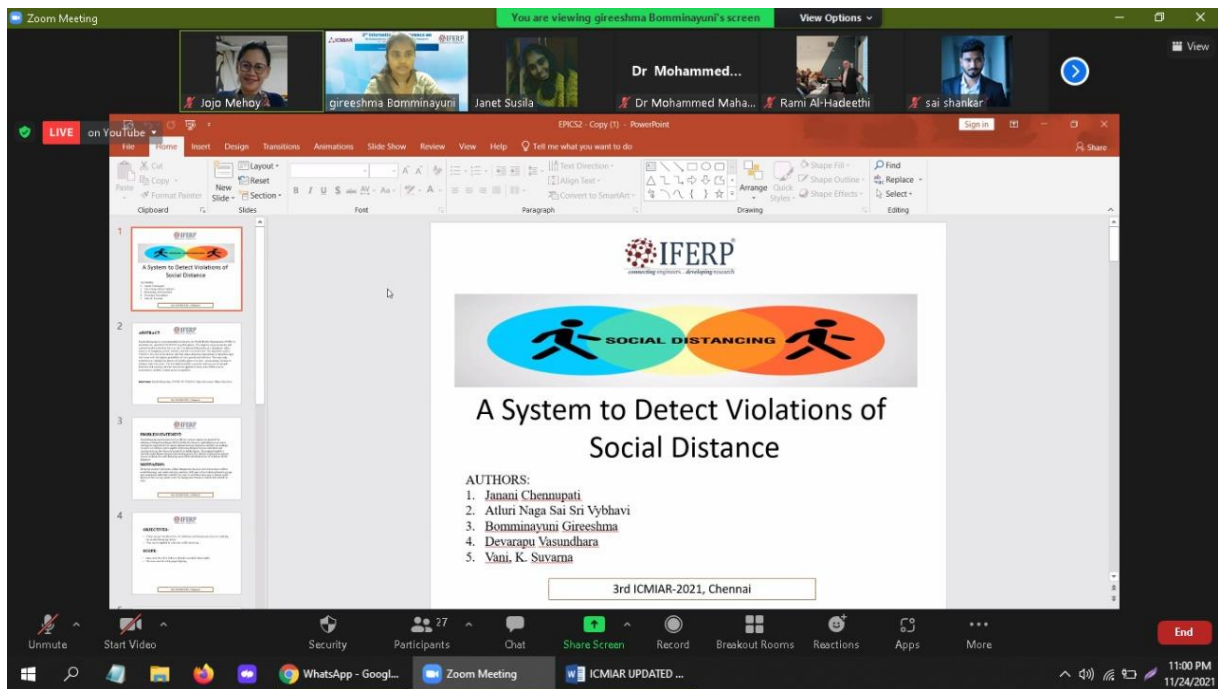
by  
**Dr.Anusha Sreeram**

**IFHE**  
ICFAI Foundation for Higher Education, Hyderabad  
(A Deemed-to-be-University under section 3 of the UGC Act, 1956)

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

WhatsApp - GoogL... Zoom Meeting ICMAR UPDATED ...

9:27 PM 11/24/2021



Zoom Meeting You are viewing Mallikarjun Sheshagani's screen View Options

Jojo Mehoy subashsm@gmail.com Mallikarjun Sheshagani Ravi Raja Malar... Dr. Marc Moser Deepak Tandon

**ICMIAR** **3rd International Conference on** Multidisciplinary Innovation in Academic Research **IFERP**  
25th - 26th November, 2021 | Virtual Conference  
Organized by Institute For Engineering Research and Publication (IFERP)

**A STUDY ON DYNAMIC RESPONSE OF HIGH-RISE BUILDINGS USING HIGH DAMPING RUBBER BEARING ISOLATOR**

Under the guidance of Ms. A. Shruthi Assistant Professor

Presented by, S. Mallikarjun M.Tech,SE

Unmute Start Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Leave

9:31 PM 11/25/2021

Zoom Meeting You are viewing Nidhi c's screen View Options

Jojo Mehoy Dr. S. M. Subash Nidhi c Narayanan M Dr. Babita Tyagi Nivedha Raghu

PPT (1) - Microsoft PowerPoint

Comprehensive analysis of Mechanical Biological Treatment rejected fraction as a source of RDF

1) Nidhi Chhabra  
2) Prof. Dr. Shailza Verma

Mute Start Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Leave

10:01 PM 11/25/2021



Zoom Meeting You are viewing Rami Al-Hadeethi's screen View Options

Jojo Mehoy Rami Al-Hadeethi Dr. S. M. Subash Nidhi c Dr. Naseeb Khan Prof... Marjorie Casib

**Strategies of Students Assessment for Blended Learning**

**Dr. Rami Hikmat Al-Hadeethi**  
 Industrial Technology & Operations Management, University of Bradford, UK  
 Vice President for International Relations, University of Victoria, London, UK  
 Industrial Engineering Thematic Leader, Education Society Chapter, IEEE UK & Ireland Section  
 Member, Council of Innovative Projects in Education, Oxford Academic Union, Oxford, UK  
 Director of Uruk Digital Training Centre, Iraqi Technologist Board, London, UK  
 email: [rhfouad@yahoo.co.uk](mailto:rhfouad@yahoo.co.uk)

Mute Stop Video Security Participants 21 Chat Share Screen Record Breakout Rooms Reactions Leave

10:27 PM 11/25/2021

Zoom Meeting You are viewing Dr. Ishvinder Singh's screen View Options

Jojo Mehoy Dr.R.Parvathi Dr. Ishvinder Singh komathi Divya S Dimple Kanya

**IFERP**  
 connecting engineers...developing research

**Ranking Of Airports Based on Operational Efficiency Using PROMETHEE And CRITIC Methods**

Author:- Dr. Ishvinder Singh  
 Coauthor:- Prof. Rajeev Ranjan, Prof. Sachin Kumar.  
*Department of Management, Doon Business School, Dehradun, India*

3rd International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021)  
 Dr. Ishvinder Singh

Mute Start Video Security Participants 19 Chat Share Screen Record Breakout Rooms Reactions Leave

12:02 AM 11/26/2021

Zoom Meeting You are viewing Dr. Nancy Goel's screen View Options

Dr. R. Parvathi Dr. Ishvinder Sin...  
Dr. R. Parvathi Dr. Ishvinder Singh Dimple Kanya

ICMIAR 20... Search (Ctrl-F)

Setup professional audio in "Audio Settings"

IFERP  
connecting engineers... developing research

## A Study on Green Human Resource Management Practices and its effect on Employee Motivation and Organisational Commitment

Dr. Nancy Goel and Dr. Vikas Nath

3rd International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021)

Unmute Start Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Leave

12:41 AM 11/26/2021

Zoom Meeting You are viewing Divya S's screen View Options

Dr. R. Parvathi komathi Divya S  
Dr. R. Parvathi komathi Divya S Dimple Kanya Dr. Renuka Jakhra

ICMIAR 20... Search (Ctrl-F)

Setup professional audio in "Audio Settings"

## SURVEY ON VARIOUS EFFICIENT FRAMEWORK TO OPTIMIZE SECURITY THREATS IN CLOUD COMPUTING

**Author – DIVYA S. M.C.A.,**  
Ph. D. Research Scholar  
Department of Computer Science and Applications

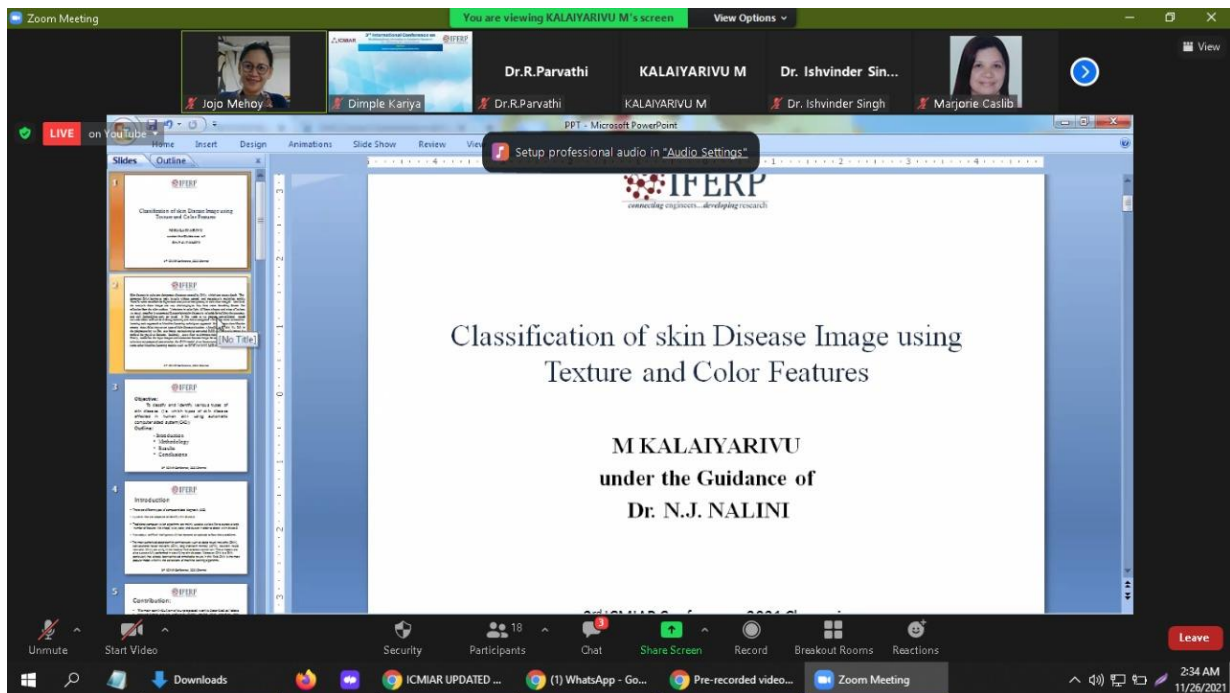
**Guide – Dr. D. KAVITHA, M.C.A., M.Phil., Ph. D.,**  
Associate Professor  
Department of Computer Science and Applications

3rd International Conference on Multidisciplinary Innovation in Academic Research, ICMIAR-2021, Chennai.

Unmute Start Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Leave

1:16 AM 11/26/2021





## 9.FEEDBACK

### 1. Overall Comments of the Participants:

- Very Good
- All the speakers presented well.
- Good
- Good job
- 10/10 (good mark in Vietnam)
- Excellent...
- Very good Presentation, informative, coordination
- coordination is very good
- Satisfied with the amount of time and dedication they gave to the conference
- Everyone presented great
- Great and satisfied
- It was a very good, informative conference
- All the presentations and the speeches were very good. It was very informative
- Organization of the conference was also excellent.
- There was good time management by the organization.
- Notable worthy
- I have already participated in IFERP conference once and I appreciate the quality of conference organized by IFERP
- It was good
- Above expectations

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

- Multidisciplinary nature
- the feedback given by chairperson for the presentations
- Medical sports related health sciences presentations
- Knowledge of speakers Queries after presentation
- Spears keynote
- Presentation by the presenters of their respective papers and the presentation by Jojo ma'am
- Insights from the keynote speakers and technical presenters
- technically informative
- Keynote speeches
- International Level
- Knowledge of the latest Technology, Improving Communication, and presentation skills
- New concept and methodology, interesting findings (than prior studies or findings)
- All
- Time sense

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

- Nothing
- Well-done, nothing less satisfied.
- None
- Some presentations
- i was from management background and most of the papers from IT so i was not able to grab much

## **10.VOTE OF THANKS:**

3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021) successfully hosted its premiere ICMIAR-2021 25<sup>th</sup> and 26<sup>th</sup> 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 ICMIAR-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 Presentation of 3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021) was announced by Technical Session chairs**

### 11.CONCLUSION SUMMARY

ICMIAR-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 “3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research” 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 Studies”

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/1k-i\\_V30D8oEv0RiZezv00jX6phz7Wt1N/view?usp=sharing](https://drive.google.com/file/d/1k-i_V30D8oEv0RiZezv00jX6phz7Wt1N/view?usp=sharing)

### Conference Poster

Click to download the Conference Poster:

<https://drive.google.com/file/d/1Ljt9M4GuaVyqIGy0d13vPVyASJL5C0Ep/view?usp=sharing>

### Conference Brochure

Click to download the Conference Brochure:

[https://drive.google.com/file/d/1zHAC9in\\_CP6iHJZyNS14-h6BXtetoZS5/view?usp=sharing](https://drive.google.com/file/d/1zHAC9in_CP6iHJZyNS14-h6BXtetoZS5/view?usp=sharing)

## Conference Background

