



**POORNIMA**  
COLLEGE OF ENGINEERING

# International Conference on Applied Sciences, Engineering, Technology and Management

29<sup>th</sup> - 30<sup>th</sup> December 2020

Dubai

**ICASETM-2020**



**ORGANIZED BY**

**INSTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION (IFERP)**

**IN ASSOCIATION WITH**

**POORNIMA COLLEGE OF ENGINEERING, JAIPUR, RAJASTHAN, INDIA**

ISBN : 978-93-90214-07-5

## CONFERENCE REPORT

**Event Name:** International Conference On Applied Sciences, Engineering, Technology And Management (ICASETM-2020)

**Date:** 29th - 30th December 2020

**Conference Organizers:** Institute For Engineering Research and Publication (IFERP)

**Co Host:** Poornima College of Engineering, Jaipur, Rajasthan, India

**Delegates:** 32 Papers Registered

**Conference YOUTUBE Video link:** [https://youtu.be/AV0GfZWJ9\\_w](https://youtu.be/AV0GfZWJ9_w)

### ABOUT THE ICASETM CONFERENCE

*The International Conference On Applied Sciences, Engineering, Technology And Management (ICASETM-20), which is scheduled to take place on the 29th and 30th of Dec, 2020 in the beautiful city of Dubai will focus on establishing the bar for effective future inclinations with engineering, applied sciences, technology, and management. The international conference has been specifically designed with the intention of delivering outstanding outcomes and challenges in the engineering sector. It intends to bring collectively researchers, scientists, technicians and scholars in all fields of the applied sciences, engineering, technology, and management, for the propagation of original research conclusions, new approaches and developmental practices that yield real results.*

*Participants will be afforded the incredible chance to interact with leading experts from their respective fields, taking the opportunity to draw everyone commonly in a panel and to bestow their plans in different countries.*

*ICASETM-20 strives to join the gap among researchers and academics in various domains, and this type of long-term imagination has resulted in the launching of this incredible and unique initiative involving experts from all fields. ICASETM - 2020 is organized specially to furnish delegates with hard-to-find knowledge and expertise that they will find nowhere else.*

## DIRECTOR MESSAGE, POORNIMA COLLEGE



**Dr Mahesh Bundele**  
**Director**  
**Poornima College of Engineering**  
**Jaipur, Rajasthan, India**

*At the outset I welcome you all for the International Conference on Applied Sciences, Engineering, Technology and Management organized by Institute For Engineering Research and Publication (IFERP) and Poornima College of Engineering. I hope this Conference will benefit all the researchers across the globe, thereby leading to good interaction, networking and emergence of new research problems.*

*The ICASETM- 2020 Conference will surely provide a wonderful debating platform for you to refresh your knowledge base and explore the innovations in Engineering and Technology. The Conference will strive to offer plenty of networking opportunities, providing you with the opportunity to meet and interact with the scientists and researchers.*

*I also look forward to your participation in oral presentations to share your technical stuff and research. I strongly believe that this “International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM-2020)” will provide a fantastic opportunity for global networking and fostering research collaborations within the worldwide Engineering and Technology fraternity.*

*By these words I wish you a successful preparation and fruitful meeting in Dubai.*

## CONFERENCE CHAIR



**Wathiq Mansoor**

**Professor**  
**Chair of Electrical Engineering**  
**Director of Entrepreneur & Innovation Center**  
**University of Dubai**

## KEYNOTE SPEAKERS



**Prof. SN Kulkarni**  
**ADVISOR**

**Honourable Minister of Tribal Affairs, Higher & Technical Education,**  
**Government of Nagaland, India**

**CEO**

**Professor Kulkarni's Solutions Ltd.**

**Vice President**

**International Accreditation Organization (IAO)**

**Houston, Tx, USA**

**Former –Vice Chancellor – APG Shimla University, Himachal Pradesh**



**Prof. Dr. Erry Yulian Triblas Adesta**  
PhD, CEng, MIMechE, IPM(PII)

**Chair**  
**Agile and Sustainable Manufacturing Research Unit (ASMARU)**  
**Department of Manufacturing & Materials Engineering**  
**Faculty of Engineering**  
**International Islamic University Malaysia**



**Dr Putu Anom Mahadwartha, CSA**

**Dean**  
**Faculty of Business and Economics**  
**University of Surabaya**  
**Indonesia**

## SESSION CHAIR



**Prof. (Dr.) Mohammad Israr**  
**Department of Mechanical Engineering**  
**Poornima College of Engineering**  
**Jaipur, Rajasthan, India**

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- **Dr. Nasih Osmanovic**, Assistant Professor, Liberal Arts and Sciences, Rochester Institute of Technology, Dubai, UAE
- **Mahmood Mir**, Researcher, College of Business Administration, Ajman University, UAE



## **Delegate Registrations:**

Total Abstracts: 97

Registered: 32

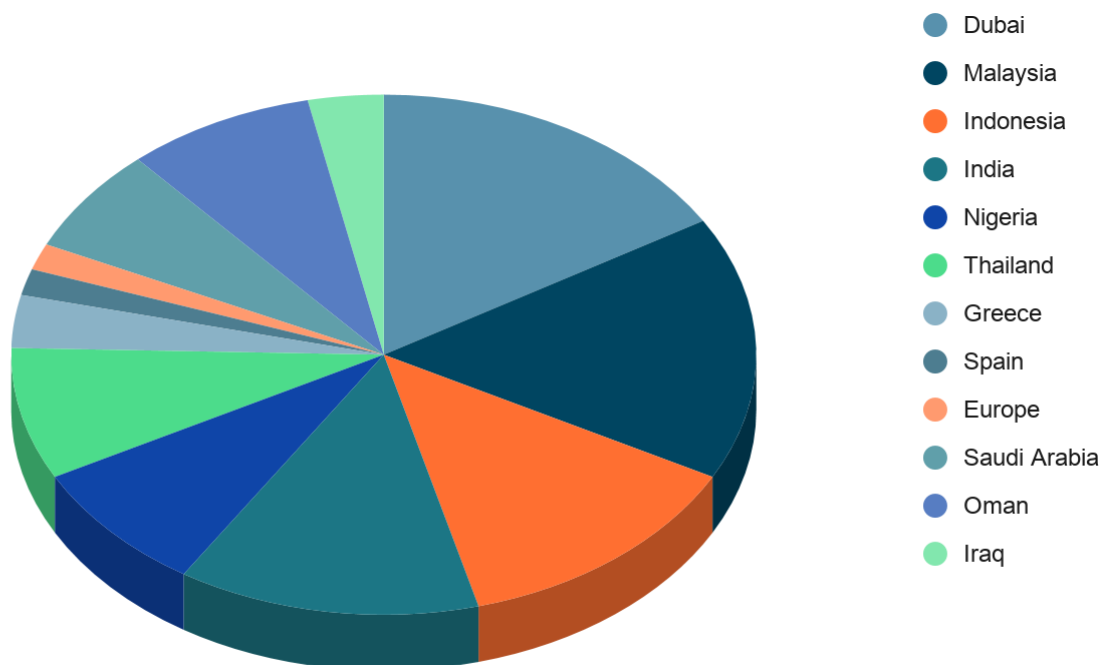
With 3 Keynotes for Inauguration and 1 Session Chair from Co host college have evaluated the Presentation for Technical Session I and Technical Session II and finalized the Best Paper and Best Paper Presentation award.

## **Presented Articles:**

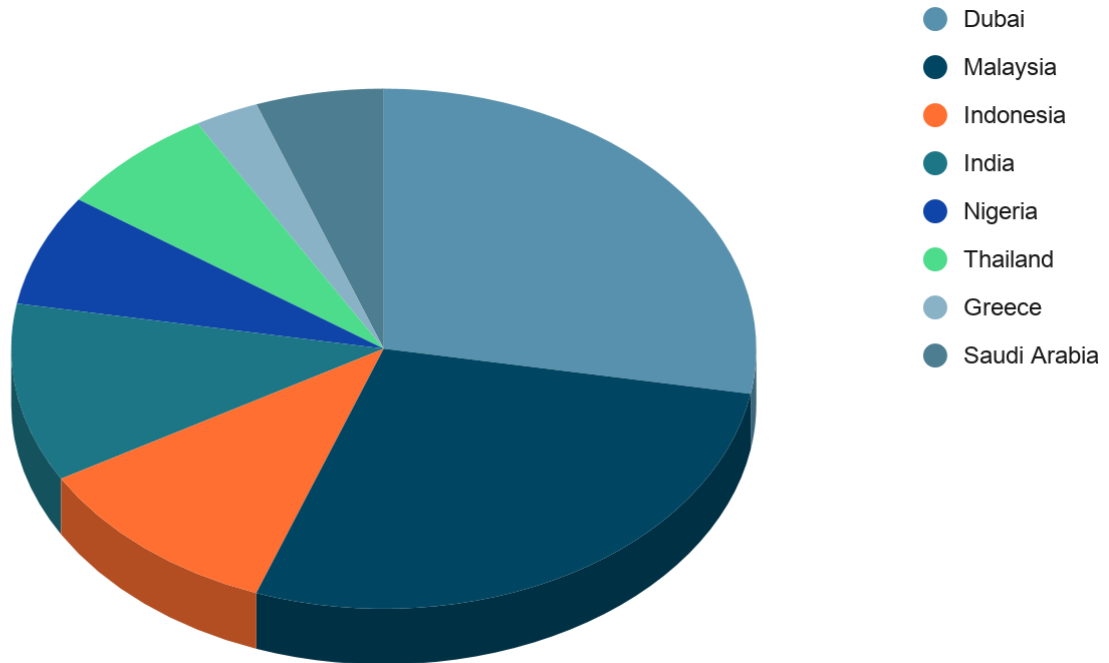
1. Development of Accounting System to Enhance Economic Strength for Women of Processing Fermented Fish Group at Ban Dong Tat Thong, Prang Ku District, Sisaket Province
2. The Importance of UAE Strategic in Archiving entity Knowledge
3. Stock Movement Prediction using Gauss-Newton Representation Based Algorithm
4. Energy loss rate failure mechanism of elastoplastic components; the case of reinforced concrete
5. Technology Management Adaptation in Resolving Public Bus Drivers Fatigue Challenge (Case Study of Fatigue Monitoring System Technology FMST in Dubai)
6. Online Web-Based System “Inventori Minat Kerjaya (IMK)” assessment For Form Four Students in Malaysian Public School
7. A Review On The Usage Of Infopreneur’s Products Among Small Medium Enterprise (SME) During Covid-19 Pandemic Crisis In Malaysia
8. Infopreneur Career: A Case Study On COVID-19 Video Content By Malaysian Youtuber
9. Frequent Employee Turnover And Its Impact To Chinese Entrepreneur
10. Sustainable entrepreneurship, Integrative framework and propositions
11. Comparison of Response Surface Methodology and Artificial Neural Network for the Solvent Extraction of Fatty Acid Methyl Ester from Fish Waste
12. A Study On Forecasting The Budget To Develop The New Product With An Existing One In The Poultry Industry
13. Strategic Planning For The Information Development Of Instituto Profissional de Canossa (IPDC) Using TOGAF Method
14. Production, Purification and Characterization of Polygalacturonase from *Aspergillus Flavus* Grown on Orange Peel
15. Integrated Artificial Intelligence Remote Smart Pandemic Assessment Cabin (i-RSPAC) As Alternate Solution Of Prevention And Controlled The Pandemic
16. A priority list optimization algorithm applied to Unit commitment problem for power generations
17. Preliminary Investigation Of Suspected Tourmaline-Mineralized Pegmatite Rocks Around Ile Ife South Western Nigeria Using Geological And Geophysical Methods
18. Breeding Cycle And Gonadal Biochemical Cycle In *Labeo Dyocheilus* From Central Himalaya

19. Systematics and Ecology of Pteridophytes of around Saryu River in Uttarakhand (Central Himalaya), India
20. Assessing Challenges for implementing SCM 4.0 in oil and Gas Industry: Implication for process safety and environment Protection
21. Products Facility Management
22. Effect of Coal with High Moisture Content on Boiler Operation Parameters at Thermal Coal Fired Power Plant
23. The Moderate Affect of Regulation on Relationships Between Driving Risk Factors and Road Safety in Oman: A Conceptual Framework
24. Empirical Review On The Moderating Effects Of The Regulations, Integrations Of Works And Local Authorization On The Attributes Of Critical Success Factors And Constructions Delay Of The Road Projects In Oman
25. A Study on Entrepreneurial Competencies among the Management Students of Himachal Pradesh
26. Stability Assessment of Droop Controlled Hybrid Islanded Multiple Subgrids during Power Sharing
27. Isolation and diagnosis of Entamoeba histolytica and Giardia lamblia from children infected with diarrhea at Mohammed AL-Moussawi Hospital in Dhi-Qar Province
28. Decentralized Energy Management for a Networked Microgrid using modified IEEE 33-bus system

### PAPERS Received based on Country



## PAPERS REGISTERED



### BEST PAPER AWARD

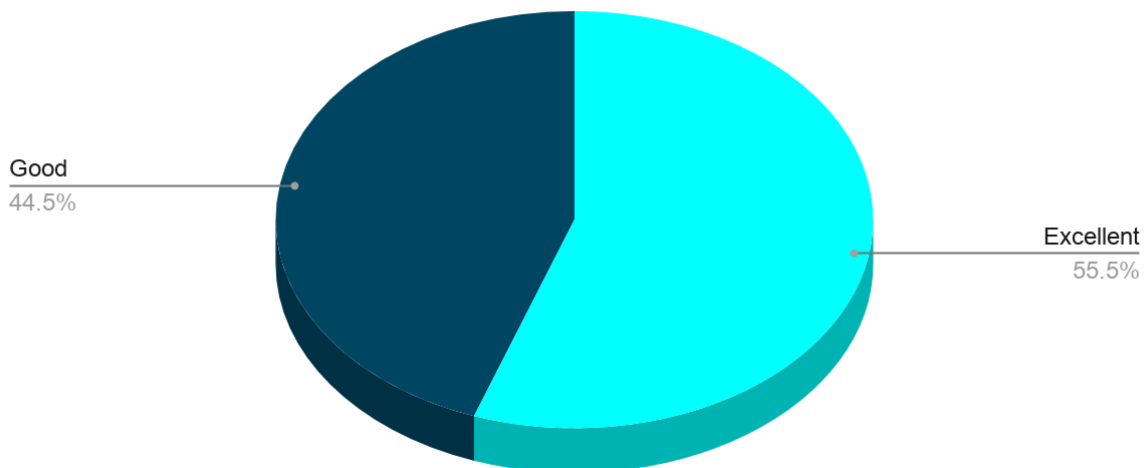
PAPER ID	PAPER TITLE	AUTHOR NAME
ICASETM_12736	A Study on Entrepreneurial Competencies among the Management Students of Himachal Pradesh	Nisha Devi

### BEST PAPER PRESENTATION AWARD

PAPER ID	PAPER TITLE	AUTHOR NAME
ICASETM_37660	Sustainable entrepreneurship, Integrative framework and propositions	Qiming Chen

## PARTICIPANTS FEEDBACK PERCENTAGE

Participants feedback about the ICASETM Conference



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