INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, ENGINEERING, TECHNOLOGY AND MANAGEMENT (ICASETM-2020)

29TH - 30TH DECEMBER, 2020

Organized By
Institute For Engineering Research and Publication (IFERP)

In Association with:
Poornima College of Engineering, Jaipur, Rajasthan, India
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.
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

ORGANIZING COMMITTEE

INTERNATIONAL ADVISORY COMMITTEE

- Chun Kit ANG, Dean, Mechanical Engineering (Intelligent Systems & Robotics), Faculty of Engineering and Built Environment, UCSI University, Malaysia
- Dr. Anand S, Director, Postgraduate Studies and Research, College of Banking and Financial Studies, Muscat, Sultanate of Oman
- Dr. I Wayan Widnyana, Indonesian Management Lecturer Association, Indonesia
- Dr. Yogesh Jain, Principal, Management & Commerce Studies, Aakar College, Kherwara, Udaipur, Rajasthan
- Lim Wei Hong, Dean, Electrical & Electronic Engineering, UCSI University, Malaysia
- Phan Quoc Dung, Vice Dean, Faculty of Electrical & Electronics Engineering, Ho Chi Minh City University of Technology, Vietnam
- Dr Myra San Juan Santos, Dean, Tomas Claudio Colleges, Philippines
- Dr. Anica Dragovic, Associate Professor & Head, Humanities, Mazoon College, Muscat, Oman
- Dr. Aref Wazwaz, Associate Professor, Chemical Engineering, Dhofar University, Salalah, Sultanate of Oman
- Dr. D.I. Ansusa Putra, Vice Dean, Islamic Communication, Dakwah and Communication UIN Sulthan Thaha Saifuddin, Jambi, Indonesia
- Dr. Hatem Hatef Abdulkadhim Alyasari, Professor, Department of Accounting, Cihan university Slemani, Iraq
Dr. Kazi Md. Salim Newaz, Professor, Department of Mechanical Engineering, Faculty of Engineering, University of Malaya, Malaysia

Dr. Masyitah Binti Md Nujid, Senior Lecturer, Civil Engineering, University of Technology MARA, Pulau Pinang Branch, Malaysia

Dr. Mohammad A. Abido, Professor, Electrical Engineering Dept., King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia

Ir. Dr. Chuah Joon Huang, Senior Lecturer, Department of Electrical Engineering, University of Malaya, Malaysia

Ir. Dr. Mohammad Lutfi Othman, Associate Professor, Electrical and Electronic Engineering, Universiti Putra Malaysia, Selangor, Malaysia

Prof. Chintakindi Sanjay, Professor, Industrial Engineering, King Saud University, Saudi Arabia

Prof. Dr. Eng. Abdel Rahman M. Alzoubaidi, Professor, Network Systems and Security, Al-Balqa Applied University, Amman, Jordan

Prof. Dr. Eng. Ahmed Kadhim Hussein, Professor, Dept. of Mechanical Engineering, College of Engineering, Babylon University, Iraq

T. Ramayah, Professor, Management, Universiti Sains Malaysia, Penang, Malaysia

Ts. Dr. Duratul Ain Binti Tholibon, Senior Lecturer, Civil Engineering, Universiti Teknologi MARA (UiTM), Pahang Branch, Malaysia

Dr Pang Ying Han, Associate Professor, Faculty of Information Science & Technology, Multimedia University, Malaysia

Dr. Marguerite Wotto, Associate Professor, Education and Training, University du Québec à Montréal, Quebec, Canada

Dr. Muhammad Fiaz, Associate Professor, Management and Administrative Sciences, Lahore College for Women University, Lahore, Pakistan

Dr. Soraya Sedkaoui, Senior Lecturer, Economics, University of Khemis Miliana, Montpellier, France

Hesham A. Yousef, Assistant Professor, Accounting Department, Sohag University, Sohag, Egypt

Khalegh Barati, Associate Professor, Engineering Construction and Management, UNSW Sydney, Australia

Thitipong Satiramatekul, Assistant Professor, Faculty of Engineering, Kasetsart University, Kamphaeng Campus, Thailand

Ali Sadollah, Assistant Professor, Mechanical Engineering, University of Science and Culture, Tehran, Iran

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

Dr. Imran Ansari, Assistant Professor, Electrical & Electronics Engineering, University of Glasgow, Scotland, UK
NATIONAL ADVISORY COMMITTEE

- Dr. Adel Ahmed, Dean & Professor, College of Business, Al Ain University, Al Ain, UAE
- Dr. Atef Fayez Abdelkader, Head, Math and Science, Ajman University, Ajman, UAE
- Muhammad Zahid Azeem Zahid, Principal, Pakistan Education Academy, Dubai, UAE
- Costas Siriopoulos, Professor, Finance & Accounting, Zayed University, Abu Dhabi, UAE
- Dr. Ashok Chopra, Associate Professor, Management & Commerce, Amity University, Dubai, UAE
- Dr. Elgilani El. Elshareif, Professor, Finance & Accounting, Canadian University, Dubai, UAE
- Dr. Karol S. Sikora, Head, Civil Engineering, University of Wollongong, Dubai, UAE
- Prof. Dr. Hummayoun Naem, Professor, Management Studies, SZABIST, Dubai, UAE
- Prof. Hany Dowidar, Dean, College of Law, Abu Dhabi University, Abu Dhabi, UAE
- Daina Yesuraj, Lecturer, GUCR Department, University of Dubai, Dubai, UAE
- Dr. Abd Al Karim HAJ ISMAIL, Assistant Professor, Department of Mathematics and Sciences, Ajman University, Ajman, UAE
- Dr. F. Rusal Raj, Assistant Professor, Chemistry, Birla Institute of Science and Technology-Pilani, Dubai Campus, UAE
- Dr. Kakul Agha, Assistant Professor, Management, Skyline University College, Sharjah, UAE
- Dr. Rajiv Selvam, Associate Professor, Mechanical Engineering, Manipal Academy of Higher Education, Dubai, UAE
- Dr. Sorokhaibam Khaba, Lecturer, Dept. of Operations Management, IMT Business School, Dubai, UAE
- Essa Georges Lwisa, Faculty, Chemical & Petroleum Engineering, United Arab Emirates University, Al Ain, UAE
- Raed Ahmad Tawfeq Said, Assistant Professor, Management, Canadian University, Dubai, UAE
- Ahmad Said Ibrahim Al-Shuaibi, Assistant Professor, Management, Institute of Management Technology, Dubai, UAE
- 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


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 diarrheal at Mohammed AL-Moussawi Hospital in Dhi-Qar Province


PAPERS Received based on Country
**BEST PAPER AWARD**

<table>
<thead>
<tr>
<th>PAPER ID</th>
<th>PAPER TITLE</th>
<th>AUTHOR NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICASETM_12736</td>
<td>A Study on Entrepreneurial Competencies among the Management Students of Himachal Pradesh</td>
<td>Nisha Devi</td>
</tr>
</tbody>
</table>

**BEST PAPER PRESENTATION AWARD**

<table>
<thead>
<tr>
<th>PAPER ID</th>
<th>PAPER TITLE</th>
<th>AUTHOR NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICASETM_37660</td>
<td>Sustainable entrepreneurship, Integrative framework and propositions</td>
<td>Qiming Chen</td>
</tr>
</tbody>
</table>
Participants feedback about the ICASETM Conference

Good
44.5%

Excellent
56.5%

OUR ASSOCIATES

Scopus

International Conference Alerts

All Conference Alert

Global Academic Conferences

DOI Directory

Researchers Gallery

ResearchPEDIA

Springer

Technoarete

CPD Accreditation in Progress