



# **2<sup>nd</sup> International Conference on Science, Engineering & Technology (ICSET-2022)**

**28<sup>th</sup> & 29<sup>th</sup> January 2022**

## **Conference Agenda**

**Organized by**

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

**\*\* TIME ZONE: SINGAPORE TIME ZONE (GMT+8)**

# Keynote Speakers



**Prof. Dr. M. Amr Sadik**

**Chairman & Chief Executive Officer  
at Quodrat,  
Adjunct Professor & DBA Program Director,  
IPE Management School,  
Paris**



**Mr. Deepak Shripat Mane**

**Senior Data Scientist/Enterprise Solution  
Architect,  
Tata Consultancy Services,  
Australia**



**Prof. Ram Ramanathan**

**Professor  
Essex Business School, Southend  
Campus, University of Essex  
United Kingdom**

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# Session Chairs



**Dr. Jocelyn Torio**  
**DIRECTOR**  
Institute of Computer Studies,  
Camarines Norte State College,  
Philippines



**Ts. Dr. MATHIVANNAN  
JAGANATHAN**  
Senior Lecturer  
School of Business Management, College  
of Business,  
Universiti Utara Malaysia  
Malaysia



**Mr. PATEL CHINTAN  
ASHWINKUMAR**  
Assistant Professor  
Electronics and Communication  
Engineering,  
Gandhinagar Institute of  
Technology  
India

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# Program Schedule

<b>09:30 AM – 09:45 AM</b>	<b>Introduction &amp; Welcome Speech by Moderator</b>
<b>09:45 AM – 10:00 AM</b>	<b>Welcome Speech by Session Chair</b> <b>Dr. Jocelyn Torio</b>
<b>10:00 AM – 10:45 AM</b>	<b>Speech by Keynote Speaker</b> <b>Prof. Dr. M. Amr Sadik</b>
<b>10:45 AM – 11:30 AM</b>	<b>Speech by Keynote Speaker</b> <b>Mr. Deepak Shripat Mane</b>
<b>11:30 AM – 12:15 PM</b>	<b>Speech by Keynote Speaker</b> <b>Prof. Ram Ramanathan</b>
<b>12:15 PM – 12:30 PM</b>	<b>Tea Break</b>
<b>12:30 PM – 04:30 PM</b>	<b>Technical Session I</b>
<b>04:30 PM - 04:50 PM</b>	<b>Valedictory function</b>
<b>04:50 PM – 05:00 PM</b>	<b>Vote of thanks</b>

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**DAY 1**  
**28<sup>th</sup> January 2022**

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# Technical Session I

**12:30 PM - 12:40 PM** **Water Billing System with Business Intelligence and Data Analytics**  
*Presentation by Reymar Manaloto*

**12:40 PM - 12:50 PM** **Digitized Scoreboard: Its Use in the Implementation of Conditional Cash Transfer Program in One Province in the Philippines**  
*Presentation by Jennelyn Espinueva*

**12:50 PM - 01:00 PM** **Influence of using Nano-clay hydrophilic bentonite on mechanical properties of concrete**  
*Presentation by Wail Asim Mohammad Hussain*

**01:00 PM - 01:10 PM** **Modification of a window-type air conditioning unit using heat energy recovery system as a demonstration equipment**  
*Presentation by Rexamelle Decapia Jr.*

**01:10 PM - 01:20 PM** **Artificial Intelligence in Terms of Spotting Malware and Delivering Cyber Risk Management**  
*Presentation by GeethaManikanta Jagadeesh Kumar Jakka*

**01:20 AM - 01:30 PM** **The use of academic platforms and simulators in the pandemic era**  
*Presentation by Ricardo Thierry Aguilera*

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**01:30 PM - 01:40 PM** **Techno-Economic Analysis of Distributed Solar Photovoltaic Using the Third-Party Ownership (TPO) Business Model**

*Presentation by Feriz Kausar*

**01:40 PM - 01:50 PM** **Effects of Particle Size and Composition of Rice Husk Silica as Filler on the Characteristics of Ceramic Tile**

*Presentation by Akida Mulyaningtyas*

**01:50 PM -02:00 PM** **A Framework to Operationalize Human Performance Learning and Improvement**

*Presentation by Vandy Hendrawan Suprpto*

**02:00 PM - 02:10 PM** **Utilization of Waste Materials (Sugarcane Bagasse Ash and Recycled Coarse Aggregate) in Concrete: A Review**

*Presentation by Ansari Fatima-uz-Zehra*

**02:10 PM - 02:20 PM** **Applications of Fiber Reinforced Polymer (FRP) in Structural Strengthening: A review**

*Presentation by Shaikh Zahoor Khalid*

**02:30 PM -02:40 PM** **Muscle regenerative effects of polydeoxyribonucleotide and microcurrent therapy on muscle atrophy in rabbit model**

*Presentation by Dong Rak Kwon*

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- 02:40 PM - 02:50 PM**    **Solution of Linear Partial Differential Equation with Variable Coefficient by HPM**  
*Presentation by Dr. Nahid Fatima*
- 02:50 PM - 03:00 PM**    **A Full-scale emergency exercise scenario for aircraft accident in the airport (Case study)**  
*Presentation by Awad Khireldin*
- 03:00 PM - 03:10 PM**    **Risk assessment roadmap for a non-complied taxiway slope in an airport (Case study)**  
*Presentation by Awad Khireldin*
- 03:10 PM - 03:20 PM**    **Practical analysis of learning English in higher schools of Kazakhstan**  
*Presentation by Tussupbekova Madina*
- 03:20 PM - 03:30 PM**    **Tough and Biocompatible PVA/Chitosan Modified Fumed Silica Based Nanocomposite Hydrogels for chemotherapeutic delivery in Vitro**  
*Presentation by Rabia kouser*
- 03:30 PM - 03:40 PM**    **Study on Thermal Signature Detection using AMG 8833Sensor for Low Visibility Rescue Operations.**  
*Presentation by Johannes Gabriel De Castro*
- 03:40 PM - 03:50 PM**    **Automated Pili Fruit Sorting Device using L-SVM Image Classification Model**  
*Presentation by Jilbert M. Novelero*

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**03:50 PM - 04:00 PM** **Low-Cost Smart Glasses for Blind Individuals using Raspberry Pi 2**  
*Presentation by Gracie Dan V. Cortez*

**04:00 PM - 04:10 PM** **SMART INVENTORY MANAGEMENT SYSTEM (SIMS) FOR SUCs USING QR  
CODE TECHNOLOGY**  
*Presentation by Vanessa C. Pascual*

**04:10 PM - 04:20 PM** **Artificial Intelligence Remote Sensing for Open-pit Mining Detection in theTropical  
Environment of Indonesia**  
*Presentation by FAJAR YULIANTO*

**04:20 PM – 04:30 PM** **Indian Vehicle Number Plate Detection and Recognition using Deep Learning**  
*Presentation by Lalita M*

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