

ICSET 

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2nd International Conference on Science, Engineering & Technology (ICSET-2022)

28th January 2022

Conference Report

Virtual Conference

**Organized by
Institute For Engineering Research
and Publication (IFERP)**

2nd International Conference on Science, Engineering and Technology (ICSET-22)
28th & 29th January 2022 – Virtual Conference
Past Conference Report

INDEX

Sr No	PARTICULARS	Page No
1	EVENT SUMMARY	2
	1.1 Overview	2
	1.2 Conference Themes	2
2	ABOUT THE CONFERENCE	3
3	CONFERENCE SCOPE	3
4	INAUGURAL PROGRAMME	3
	4.1 Welcoming and opening ceremony	4
	4.2 Opening Session _Conference Proceedings	5
	4.3 Session Chair and Keynote Speeches	6
5	CONFERENCE ORGANIZING COMMITTEE	9
6	SCIENTIFIC PROGRAM	11
	6.1 Technical Sessions	11
	6. Most Enjoyed Presentations	14
7	SURVEY ANALYSIS	16
	7.1 Registered Statistics	16
8	VALIDICTORY	17
9	VOTE OF THANKS	18
10	CONFERENCE GLIMPSES	18
11	CONFERNCE FEEDBACK	26

1. Event Summary

Conference Name : 2nd International Conference on Science, Engineering & Technology (ICSET-2022)

Date : 28th & 29th January 2022

Conference Theme: Innovation Challenges in Science, Engineering and Technology.

Mode/Place : Virtual Conference

No of Delegates : 25 Delegates for the conference

1.1 OVERVIEW

2nd International Conference on Science, Engineering and Technology (ICSET-22) held on 28th and 29th of January 2022, was to address challenges associated with the effective dispensation of all the latest knowledge being generated in the fields of science, engineering and technology. With technology progressing at an accelerated pace, young scholars, students, and researchers in the early stages of their career are finding it harder than ever to keep up. This conference aims at helping them get up-to-speed with all the latest advancements.

Participants were offered to interact with industry experts on the recent challenges in scientific research and associated areas. Leading researchers had shared their incredible research findings and tools that they use to achieve better results. This international conference on multidisciplinary research and education is bound to generate several new ideas and experiences. For those looking to spread awareness of their incredible research findings and other work had the chance to present their papers and articles, or even make presentations.

1.2 Conference Theme

The theme of the International Conference on Science, Engineering & Technology (ICSET-2022), which centers about delivering the most recent technical expertise being acquired in areas such as science, engineering, and technology, collectively under a unified program. This event will bring unitedly investigative organizations from distinct disciplines to bestow their investigation conclusions and most advanced approaches. The principal aim of this convention is to unite all experimentative probing to present the most desirable statements.

2. ABOUT THE CONFERENCE

The International Conference on Science, Engineering & Technology (ICSET-2022), which took place on the 28th and 29th of January 2022 has offered researchers, delegates and scholars an incredible chance to interact with each other and share their experience and knowledge of technology application.

ICSET-2022 in Singapore has served an excellent international conference for intelligence sharing. The goal of the conference was to provide a stage for researchers and practitioners from academia and business to deal with state-of-the-art advancement in their respective fields. An inventor is a communications professional, involved with applying objective knowledge, science, and resourcefulness to generate resolutions for technical, cultural and enterprise problems. Therefore, the ideal designer is a composite and must operate at the interface between art and culture.

3.CONFERENCE SCOPE

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

- Applied Sciences
- Education and Technology
- Engineering and Technology
- Business Management & Studies

As a result, Keynote 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 and dignitaries for the conference followed by the proceedings book release and introduction of session chair for the technical sessions.

4.1 Welcoming and Opening Ceremony

Welcoming Keynote Speakers of the 2nd International Conference on Science, Engineering and Technology (ICSET-2022).

Keynote Speakers



Prof. Dr. M. Amr Sadik

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



Mr. Deepak Shripat Mane

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



Prof. Yehia Abdel-Aziz

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

Followed by welcoming our session chair of 2nd International Conference on Science, Engineering and Technology (ICSET-2022).

Session chairs



Dr. Jocelyn O. 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



**Patel Chintan
Ashwinkumar**
Assistant Professor
Electronics and
Communication
Engineering,
Gandhinagar Institute of
Technology
India

4.2 Opening Session _Conference Proceedings.

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



UPCOMING CONFERENCES



SUPPORTED BY



4.3 Session Chair and Keynote Speeches



Dr. Jocelyn O. Torio
Director
Institute of Computer Studies,
Camarines Norte State College,
Philippines

Dr. Jocelyn O. Torio - DIRECTOR, Institute of Computer Studies, Camarines Norte State College, Philippines to deliver welcome speech.





Prof. Dr. M. Amr Sadik

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

Biography:

Prof. Dr. M. Amr Sadik A Practical-academic, seasoned and accomplished HR executive with more than 30 years in key HR positions with local, regional and international diverse organizations. Currently, he is the Chairman & Chief Executive Officer of Capacity Development Competitiveness Co. for Training (QUODRAT) in Egypt. A winner of 17 international HR Awards, and was ranked among the top 20 HR Most International Influential Thinkers in 2014 from UK. As writer, he is a regular international contributor at HR-Future magazine in South Africa, and published he his first HR book “**Human Resource Management for Practitioners**” in India, 2nd book "**Making of the Objectives; A tribute to Peter F. Drucker**" in Germany, and last but not least "**The People Game**" in Germany.

Prof. Sadik frequently called in HR conferences and summits to opine in current practices and provide his insights. As Practical-Academic, he teaches at various business schools and universities at post-graduate. IPE Management School, Paris-France as adjunct professor and DBA program director, Victoria University, Switzerland for Middle East Programs, and Frankfurt School of Finance and Management, International Advisory Services, in Germany and HR and Training consultant. Most recently, he was selected **A MEMBER OF THE HARVARD BUSINESS REVIEW ADVISORY COUNCIL, AN OPT-IN RESEARCH COMMUNITY OF BUSINESS PROFESSIONALS.**



Prof. Dr. M. Amr Sadik, speech was about AI Impact on HR Practices



Mr. Deepak Shripat Mane

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

Biography:

Mr. Deepak S. Mane is a Senior Data Scientist/Enterprise Solution Architect in Global Consulting practice - Performance Engineering Lab at Tata Research Development and Design Center (A Research wing of TCS). In his previous role he was Scientific Officer at Tata Institute of Fundamental Research (TIFR). Mr. Deepak Mane has 17+ years of experience as Data Scientist/Enterprise Solution architect in Data Science , Data Management , governance , Science and Analytics , Big Data , Cloud Computing , Artificial Intelligence , Machine Learning , Deep Learning. Currently, he is working as Senior Data Scientist Commonwealth Bank of Australia through TCS. He has been awarded 14 patents from Government of Australia and India in Machine learning, Artificial Intelligence Domain He has 7+ onsite experience at various locations such as USA, Europe, Australia and Asia in big data and cloud domain. Mr.Deepak Mane holds 6 certifications in the Data Science and cloud computing domain. He has published 30 papers in Conferences Seminars , and has been conducting Seminars/workshops at various colleges in Maharashtra and MP under AIP/FDP activities - TCS . He's also a mentor for KresIT, Indian Institute of Technology - Mumbai. He is working as Reviewer for 10 Scopus and Springer Journals including cyber war , cyber security , artificial Intelligence. He has also been a Speaker for various international conferences across the globe(UK , USA , INDIA). He is also a member of the Technical program committee and reviewer for national/International conferences. Mr. Deepak Mane has implemented various data science projects in World's top banks like HSBC , Bank of America , Visa and Commonwealth Bank of Australia. He has also undertaken the Implementation of Data Science projects for various business use cases including Data on-boarding, Analytics and data delivery in batch and real time mode with help of Big Data (Cloudera , Hortonworks) and Cloud (AWS , Azure and Google Cloud Platform).



Mr. Deepak Shripat Mane, speech was about Machine learning approached to detect cyber war and Terrorisms

5.CONFERENCE ORGANIZING COMMITTEE

Lead Name	Designation	Department	College/Universities Name	Country
Dr. AWAD KHIRELDIN	Assistant professor	Air Transport Management (ATM)	Singapore Institute of Technology	Singapore
Dr Muhammad Zulhaziman Mat Salleh	Senior Lecturer	Department of Chemical & Process Engineering	Universiti Kebangsaan Malaysia	Malaysia
Yilin Wu	Assistant Professor	Department of Mathematics	DigiPen Institute of Technology Singapore	Singapore
Dr. Pokkuluri Kiran Sree	Professor & Head	Department of CSE	Shri Vishnu Engineering College for Women(A)	India
Ts. Dr. MATHIVANNAN JAGANATHAN	Senior Lecturer	School of Business Management, College of Business,	Universiti Utara Malaysia	Malaysia
Lim Gin Keat	Senior Lecturer	School of Chemical Sciences	Universiti Sains Malaysia	Malaysia
Mr. RONAK DIPAKKUMAR GANDHI	Assistant Professor	Mechanical department	ITM Vocational University	India
Mohd Saufy Rohmad	Head	Robotic, IoT and Big Data, Smart Manufacturing Research Institute	Universiti Teknologi MARA	Malaysia
Professor Dr.Parames Chutima	Professor	Department of Industrial Engineering	Chulalongkorn University	Thailand
Dr. Pornkasem Jongpradist	Associate professor	Civil Engineering Department	King Mongkut's University of Technology	Thailand
MD. ASHIQ MAHMOOD	Assistant Professor	Institute of Information and Communication Technology (IICT),	Khulna University of Engineering & Technology(KUET),	Bangladesh
JEDIDIAH JOEL C. AGUIRRE	Chaiperson	Department of Civil Engineering, College of Engineering and Agro-Industrial Technology	University of the Philippines Los Baños	Philippines
Dr Wei Min Huang	Associate Professor	School of Mechanical and Aerospace Engineering	Nanyang Technological University	Singapore
Yar Kar Peo	Associate Professor	Information & Communications Technology (Software Engineering)	Singapore Institute of Technology	Singapore
ASSOCIATE PROFESSOR TS. DR. ERVINA EFZAN MHD NOOR	Director	Industrial Collaboration & Engagement Center (ICEC),	Multimedia University	Malaysia
Dr. Md. Hasan Ali	Assistant Professor	Department of Energy Science and Engineering	Khulna University of Engineering & Technology(KUET),	Bangladesh
Lim Wei Hong	Deputy Dean	Faculty of Engineering, Technology and Built Environment	UCSI University	Malaysia
PANG YING HAN	ASSOCIATE PROFESSOR	FACULTY OF INFORMATION SCIENCE AND TECHNOLOGY	MULTIMEDIA UNIVERSITY	Malaysia

Dr. VAI Vannak	Lecturer	Department of Electrical and Energy Engineering	Institute of Technology of Cambodia (ITC)	Cambodia
Shahida Sulaiman	Associate Professor	School of Computing, Faculty of Engineering	Universiti Teknologi Malaysia	Malaysia
Saurabh Srivastava	Post-Doctoral Associate	Research and Technology	MIT Alliance for Research and Technology	Singapore
Ts. Dr. Siti Haryani Tomadi	Assistant Professor	Department of Manufacturing and Materials, Kulliyyah of Engineering	International Islamic University Malaysia	Malaysia
Jocelyn O. Torio	DIRECTOR	Institute of Computer Studies	Camarines Norte State College	Philippines
ROSEMARIE T. BIGUERAS	Assistant Professor	Institute of Computer Studies	Camarines Norte State College	Philippines
Judy P. Yang	Professor	Department of Civil Engineering	National Yang Ming Chiao Tung University	Taiwan
Athanasius Priharyoto Bayuseno	Professor	Department of Mechanical Engineering	Diponegoro University	Indonesia
DR MAZLINA ABDUL MAJID	Associate Professor	Faculty of Computing	Universiti Malaysia Pahang	Malaysia
Dr.ABHISHEK SHUKLA	Associate Professor	Computer Science & Engineering	R.D. Engineering College	India
Dr. Deepak L. Waikar	Founder	Managing Partner	EduEnergy Consultants LLP	Singapore
Dr.Sudarshan Rao K	Professor	Department of Mechanical Engineering	Shri Madhwa Vadiraja Institute of Technology and Management	India
Dr. PRAVEEN KUMAR	Assistant Professor	Department of Tool Engineering	Delhi Skill and Entrepreneurship University	India
Eranda Harshanath Jayatunga	Senior Lecturer	Department of Electrical and Information Engineering (DEIE)	University of Ruhuna	Sri Lanka
CHANDIMA CHATHURANGA SOMARATHNA	Senior Lecturer	Department of Civil Engineering	University of Jaffna	Sri Lanka
PROFESSOR RANJITH DISSANAYAKE	Senior Professor	Civil Engineering	University of Peradeniya	Sri Lanka
Dr.Tso Chih Ping	Professor	Faculty of Engineering and Technology	Multimedia University	Malaysia
Shiran Pradeep Jayakody	Senior Lecturer	Department of Civil Engineering	South Eastern University of Sri Lanka	Sri Lanka
Dr Muhammad Mujiburohman	Associate Professor	Chemical Engineering Department	Muhammadiyah University of Surakarta	Indonesia
Prof. Dr. Willyanto Anggono	Professor	Department of Mechanical Engineering	Petra Christian University	Indonesia
K. PUBUDU NUWANTHIKA JAYASENA	Senior Lecturer	Department of Computing & Information	Sabaragamuwa University of Sri Lanka	Sri Lanka
TS. DR. IRNY SUZILA ISHAK	SENIOR LECTURER	Department of Computing	UNIVERSITI SELANGOR	Malaysia
AZAM TAUFIK BIN MOHD DIN	SENIOR LECTURER	School of Chemical Engineering	Universiti Sains Malaysia	Malaysia
DOAN THI THU LOAN	Vice Dean	Faculty of Chemical Engineering	The University of Danang	Vietnam

Le Hoa Nguyen	Dean	Faculty of Advanced Science and Technology	The University of Danang	Vietnam
NGUYEN THI ANH THU	Vice-Director	Faculty of Advanced Science and Technology, Danang International Institute of Technology	The University of Danang	Vietnam
Farhana Mohd Foudz	Senior Lecturer	Department of Mechanical & Manufacturing Engineering (JKMP)	Universiti Kebangsaan Malaysia	Malaysia

6.SCIENTIFIC PROGRAM

Day	Session	Topic
Day 1	Technical Session I	Science, Engineering, Technology and other related topics

6.1 Technical Session I

- ✚ Water Billing System with Business Intelligence and Data Analytics
 Presentation by Reymar Manaloto
- ✚ Digitized Scoreboard: Its Use in the Implementation of Conditional Cash Transfer Program in One Province in the Philippines
 Presentation by Jennelyn Espinueva
- ✚ Influence of using Nano-clay hydrophilic bentonite on mechanical properties of concrete
 Presentation by Wail Asim Mohammad Hussain
- ✚ Modification of a window-type air conditioning unit using heat energy recovery system as a demonstration equipment
 Presentation by Rexamelle Decapia Jr.
- ✚ Artificial Intelligence in Terms of Spotting Malware and Delivering Cyber Risk Management
 Presentation by GeethaManikanta Jagadeesh Kumar Jakka
- ✚ The use of academic platforms and simulators in the pandemic era
 Presentation by Ricardo Thierry Aguilera

- ✚ Techno-Economic Analysis of Distributed Solar Photovoltaic Using the Third-Party Ownership (TPO) Business Model

Presentation by Feriz Kausar

- ✚ Effects of Particle Size and Composition of Rice Husk Silica as Filler on the Characteristics of Ceramic Tile

Presentation by Akida Mulyaningtyas

- ✚ A Framework to Operationalize Human Performance Learning and Improvement

Presentation by Vendy Hendrawan Suprpto

- ✚ Utilization of Waste Materials (Sugarcane Bagasse Ash and Recycled Coarse Aggregate) in Concrete: A Review

Presentation by Ansari Fatima-uz-Zehra

- ✚ Applications of Fiber Reinforced Polymer (FRP) in Structural Strengthening: A review

Presentation by Shaikh Zahoor Khalid

- ✚ Muscle regenerative effects of polydeoxyribonucleotide and microcurrent therapy on muscle atrophy in rabbit model

Presentation by Dong Rak Kwon

- ✚ Solution of Linear Partial Differential Equation with Variable Coefficient by HPM

Presentation by Dr. Nahid Fatima

- ✚ A Full-scale emergency exercise scenario for aircraft accident in the airport (Case study)

Presentation by Awad Khireldin

- ✚ Risk assessment roadmap for a non-complied taxiway slope in an airport (Case study)

Presentation by Awad Khireldin

- ✚ Practical analysis of learning English in higher schools of Kazakhstan


Presentation by Tussupbekova Madina

- ✚ Tough and Biocompatible PVA/Chitosan Modified Fumed Silica Based Nanocomposite Hydrogels for chemotherapeutic delivery in Vitro


Presentation by Rabia kouser

- ✚ Study on Thermal Signature Detection using AMG 8833Sensor for Low Visibility Rescue Operations


Presentation by Johannes Gabriel De Castro

 Automated Pili Fruit Sorting Device using L-SVM Image Classification Model
Presentation by Jilbert M. Novelero

 Low-Cost Smart Glasses for Blind Individuals using Raspberry Pi 2
Presentation by Gracie Dan V. Cortez

 Smart Inventory Management System (SIMS) For SUCs using QR Code Technology
Presentation by Vanessa C. Pascual

 Artificial Intelligence Remote Sensing for Open-pit Mining Detection in the Tropical Environment of Indonesia
Presentation by Fajar Yulianto

 Number Plate Detection and Recognition using Deep Learning
Presentation by Lalita M

6.2 Highlights Day1 session

6.2.1 Most Enjoyed Presentations



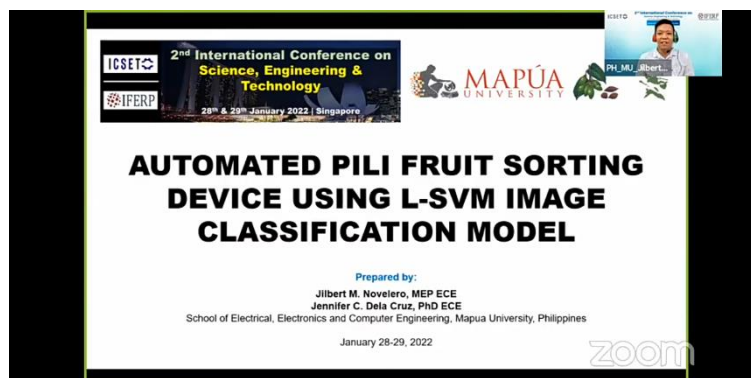
Title: Automated Pili Fruit Sorting Device using L-SVM Image Classification Model

Name: Jilbert M. Novelero

University/Organization: Mapua University

Abstract:

Bicol is famous because it is one of the regions in Southeast Asia where the indigenous pili trees (scientific name: canarium ovatum) are growing. One of the precious products from the pili tree is the pili fruit. The properties of the pili pulp, especially its color, make it possible to be sorted automatically. The study's primary purpose is to create an automated device that can sort fresh harvested pili fruits according to their maturity using digital image processing. The proposed system used a low-cost digital camera for image acquisition, Linear Support Vector Machine (L-SVM) as the classification algorithm, a microcontroller, a servo motor, an automatic pili feeder, and a conveyor belt system. Two hundred (200) pili fruit images were collected as training data, and 50 sample pili fruits were used for real-time testing. One hundred seventeen (117) of the images for training were ripe pili fruits, and 83 were a mixture of unripe and almost ripe pili. A total of nine (9) fruits were misclassified out of the 200 samples during validation, having an overall average accuracy of 95.5%. Misclassifications were observed from varying colors of almost ripe pili samples and the defects or deformations on the pulp of the sample pili fruits. Real-time testing resulted in all 50 pili samples having one misclassification only, leading to an accuracy of 98.0%. The test images comprised 25 combined unripe and almost ripe pili and 25 ripe pili fruits. The system can classify approximately 720 pili fruits in an hour which is efficient enough to help the farmers process the fruits after harvest. Ultimately, the device is also applicable to sort fruits with similar properties as the pili since the algorithm only evaluates and classifies the maturity utilizing the mean and standard deviation of the segmented binary images of the pulp.





Title: Effects of Particle Size and Composition of Rice Husk Silica on the Characteristics of Ceramic Tile

Name: Akida Mulyaningtyas

University/Organization: Universitas Muhammadiyah Surakarta

Abstract:

Rice husk waste is known to have high silica content. This study investigated the effects of particle size and composition of silica from rice husk waste on the characteristics of ceramic tile. Rice husk silica was added as filler, mixed with kaolin, feldspar, quartz sand, and water. Silica particle size was varied in 2 groups, macrosilica (200 mesh) and microsilica (< 200 mesh). To obtain the silica, the rice husks were burned in a furnace at 400°C for 90 minutes. Rice husk ash was sieved into 200 mesh to be macrosilica, and part of the it was milled to obtain microsilica. The ceramics were made by varying the silica composition in the mixture (0; 2.0; 2.7; 3.3; 5.0; and 6.3%), and the ceramic molds were burned at a temperature of 500oC for 1.5 hours. The ceramic characteristics were measured from the compressive strength, density, water absorption, and porosity. The macrosilica filler produced ceramic with compressive strength of 3.5-8.0 kN, density of 1.24-1.44 g/cm³, water absorption of 0.46-0.63%, and porosity of 13.89-40.14%. The microsilica filler gave a compressive strength of 1.0-4.2 kN, a density of 1.17-1.44 g/cm³, water absorption 0.46-0.59%, and a porosity of 15.27-68.31%.

Keywords–Rice husk, silica, ceramic, compressive strength, porosity.

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Effects of Particle Size and Composition of Rice Husk Silica on the Characteristics of Ceramic Tile

Akida Mulyaningtyas¹⁾,
Muhammad Mujiburohman¹⁾,
Agung Sugiharto¹⁾,
Haryanto¹⁾,
Raja Rajeswary Suppiah²⁾

1) Dept. of Chemical Engineering, Universitas Muhammadiyah Surakarta, Indonesia
2) Department of Petroleum Engineering, Universiti Teknologi PETRONAS

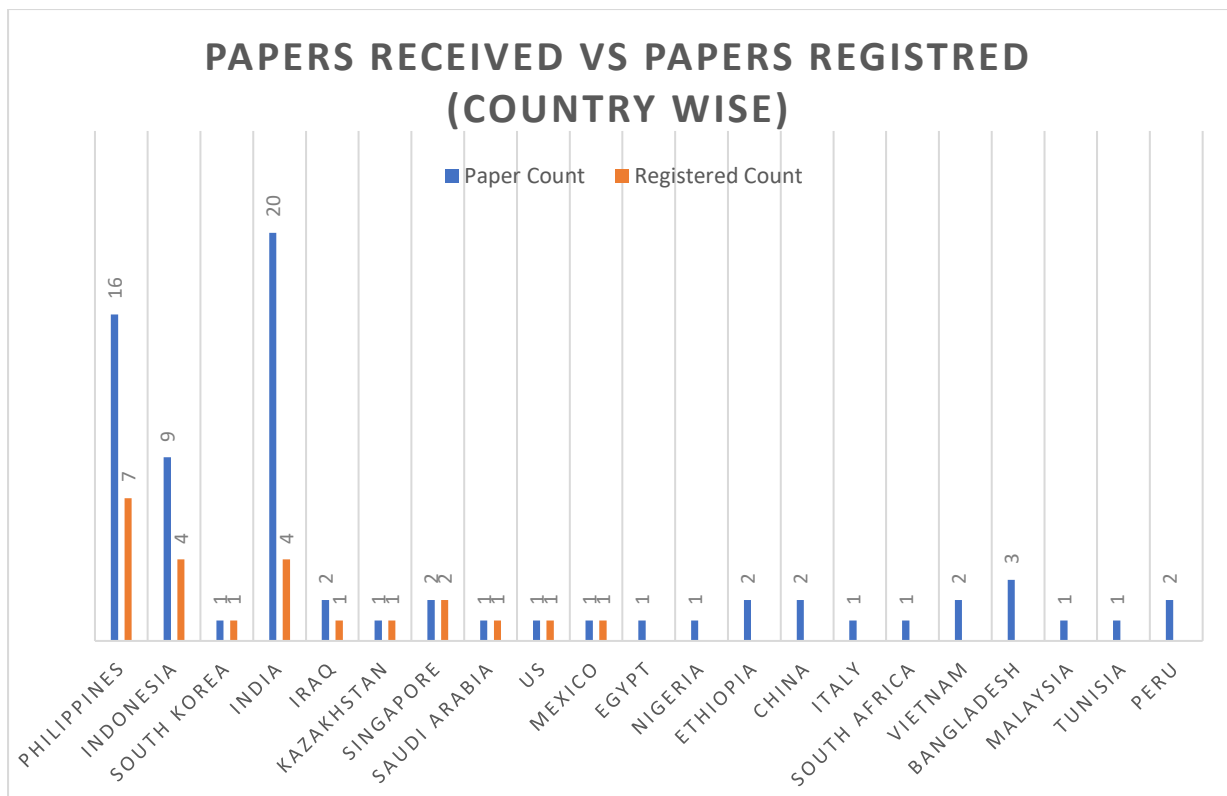
zoom

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7.SURVEY ANALYSIS

7.1 Registered Statistics

Country	Paper Count	Registered Count
Philippines	16	7
Indonesia	9	4
South Korea	1	1
India	20	4
Iraq	2	1
Kazakhstan	1	1
Singapore	2	2
Saudi Arabia	1	1
US	1	1
Mexico	1	1
Egypt	1	
Nigeria	1	
Ethiopia	2	
China	2	
Italy	1	
South Africa	1	
Vietnam	2	
Bangladesh	3	
Malaysia	1	
Tunisia	1	
Peru	2	
Total	71	23



8.VALIDICTORY

In the Valedictory best paper and best paper Presentation of 2nd International Conference on Science, Engineering and Technology (ICSET-22) was announced.

Best paper award

Paper Title	Author Name
Effects of Particle Size and Composition of Rice Husk Silica as Filler on the Characteristics of Ceramic Tile	Akida Mulyaningtyas
Artificial Intelligence in Terms of Spotting Malware and Delivering Cyber Risk Management	Geethamanikanta Jakka

Best paper Presentation award

Paper Title	Author Name
Automated Pili Fruit Sorting Device using L-SVM Image Classification Model	Jilbert M. Novelero

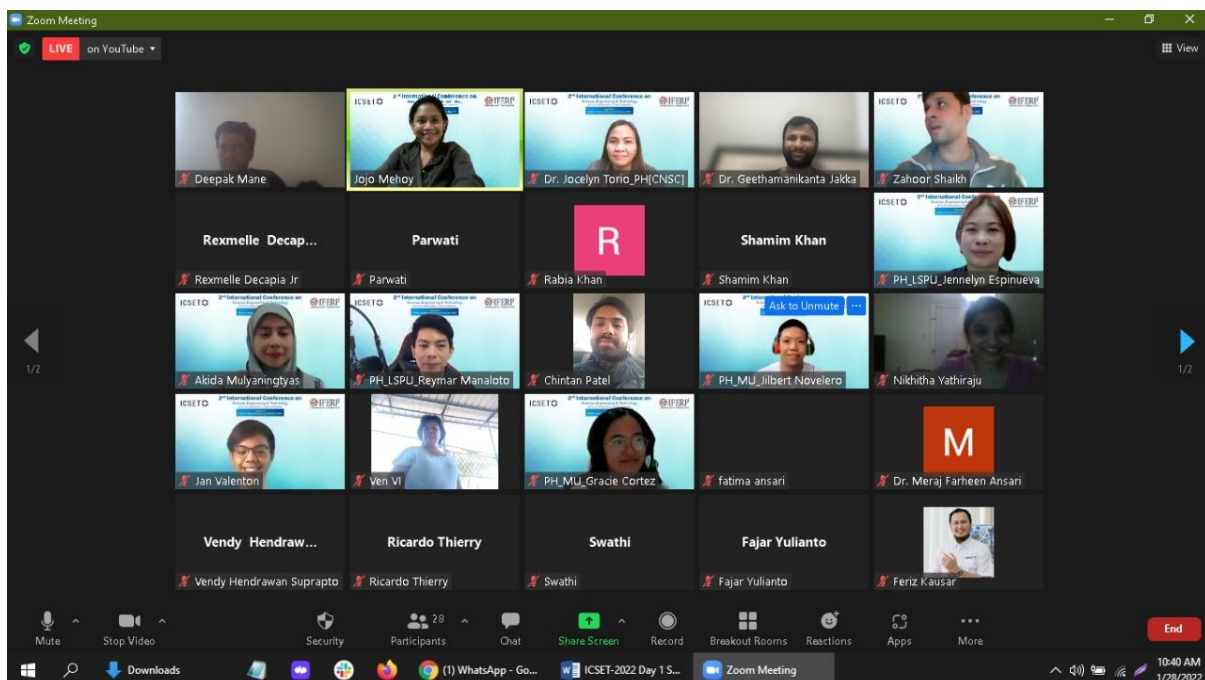
9.VOTE OF THANKS:

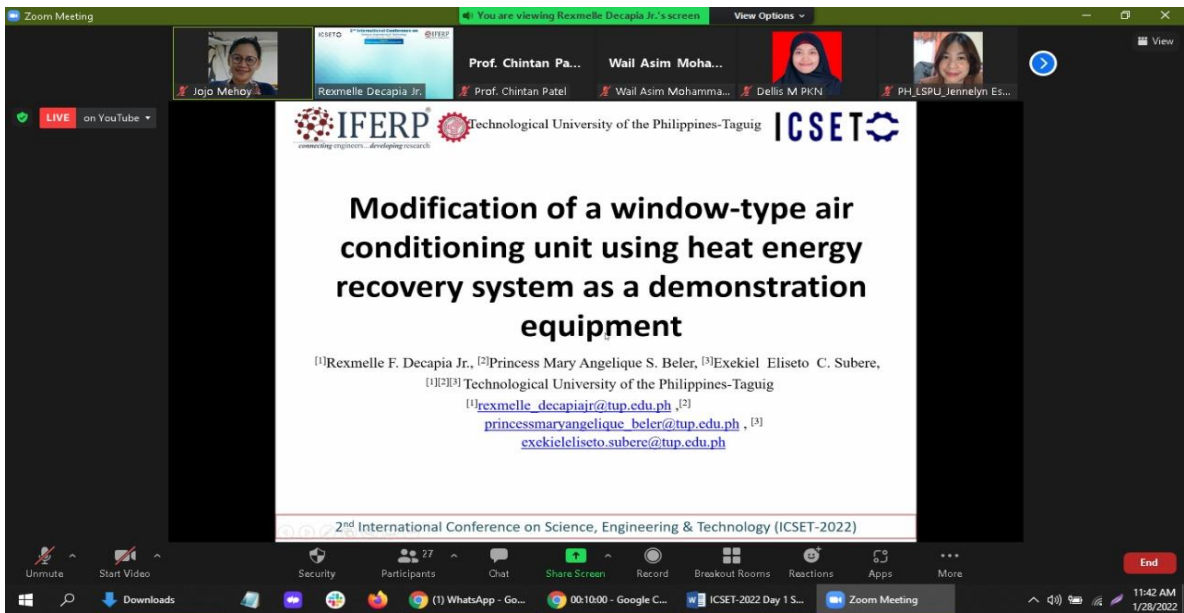
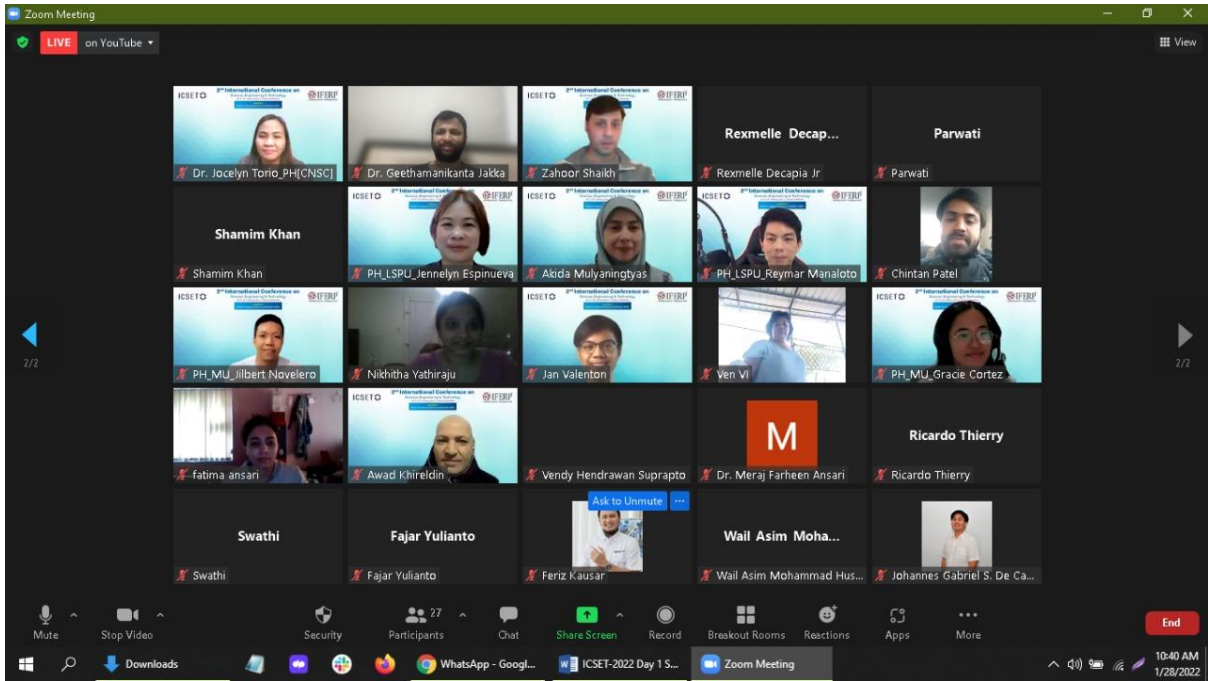
On behalf of IFERP I heartily thank all the delegates and students who have contributed to the conference success. The conference, which focused on Discover the Difference and Exceeding the Vision in multidisciplinary research studies and it was a great success where eminent keynote speakers from various universities addressed the gathering.

We take this opportunity to thank all the speakers, delegates, and participants for your vital support and time for the ICSET-2022, thanks to the generous response and active engagement of the Organizing Committee Members and Editorial Board members.

Congratulations to the Best Paper and Best paper presentation awardees and appreciates all the participants for their hard work. Once again thanks to all committee members and participants. Stay tuned with us for further conferences updates from IFERP.

10.CONFERENCE GLIMPSES





Zoom Meeting | You are viewing Dr. Meraj Farheen Ansari's screen | View Options

Participants: Jojo Mehoy, Dr. Meraj Farheen Ansari, Prof. Chintan Patel, Awad Khireldin, Dr. Geethamanikanta, Dellis_PT PKN

Microsoft PowerPoint: ICSET-2022 PPT Template (1) (2) - Microsoft PowerPoint

Introduction

- Cyber security is an effective area of "Computer Science and Engineering (CSE)" and this system generates a detailed idea to students of CSE, a hands-on practical experience to mitigate risk related to cybercrimes and system malware.
- This research article has focused on demonstrating various areas, where AI has taken a crucial role in managing the risk of cyber-attacks within management and CSE field. Number of malwares that are increasing within the business world, rate of cyber-attacks, and importance of cyber security management within CSE and management fields has been discussed in this research article.
- Technology investment with cyber security management has been identified in this study by comparing it with investment towards various other fields. The main conclusion from this study is that Cyber security and risk management has accelerated in today's modern world with the help of AI.

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Zoom Meeting Controls: Unmute, Start Video, Security, Participants (30), Chat, Share Screen, Record, Breakout Rooms, Reactions, Apps, More | 12:39 PM 1/28/2022

Zoom Meeting | You are viewing Ricardo Thierry's screen | View Options

Participants: Jojo Mehoy, Dr. Meraj Farheen Ansari, Ricardo Thierry, Awad Khireldin, Geethamanikanta, Dellis_PT PKN


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Abstract Id: ICSET-2022_SIN_0103

Paper Title: The use of academic platforms and simulators in the pandemic era

Authors names:
Pacheco-Velazquez, Ernesto
Robles-Cárdenas, Manuel,
Thierry-Aguilera, Ricardo.

Tecnológico de Monterrey Mexico City Region
Campus Mexico City, Campus Toluca


Tecnológico de Monterrey
Escuela de Ingeniería y Ciencias

Zoom Meeting Controls: Unmute, Start Video, Security, Participants (31), Chat, Share Screen, Record, Breakout Rooms, Reactions, Apps, More | 12:51 PM 1/28/2022

Zoom Meeting | You are viewing Feriz Kausar's screen | View Options

Participants: Jojo Mehoy, Feriz Kausar, fatima ansari, Ricardo Thierry, Jocelyn Torio /ICS, Awad Khireidin

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Contract Scheme & Capital Cost

Scenario 2 Solar Leasing FR – 25 years

The charts show USD/Year on the y-axis. The 'Benefit Grid Scheme Comparison' shows values for Before TPO, During TPO, and After TPO. The 'Benefit Stand-Alone Scheme Comparison' shows a significant drop during TPO. The 'Benefit Hybrid Scheme Comparison' shows a more stable performance across all periods.

2nd International Conference on Science, Engineering & Technology (ICSET-2022)

Zoom Meeting controls: Mute, Stop Video, Security, Participants (33), Chat, Share Screen, Record, Breakout Rooms, Reactions, Apps, More. End button. Time: 1:30 PM 1/28/2022

Zoom Meeting | You are viewing Dr Nahid Fatima's screen | View Options

Participants: Jojo Mehoy, Zahoor Shaikh, fatima ansari, Dr Nahid Fatima, PH_MU_Jilbert Novel..., Fajar Yulianto

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Solution of Linear Partial Differential Equation with Variable Coefficient by HPM

$r_x = -n \times (n \times r) = r - n(n \times r)$

Dr. Nahid Fatima
Associate Professor,
Prince Sultan University Riyadh

2nd International Conference on Science, Engineering & Technology (ICSET-2022)

Zoom Meeting controls: Mute, Stop Video, Security, Participants (29), Chat, Share Screen, Record, Breakout Rooms, Reactions, Apps, More. End button. Time: 2:45 PM 1/28/2022

Zoom Meeting | You are viewing Zahoor Shaikh's screen | View Options

Participants: Jojo Mehoy, fatima ansari, Zahoor Shaikh, Vendy Hendraw..., Akida Mulyanin..., Prof. Chintan Pa...

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Application of Fiber Reinforced Polymer (FRP) in Structural Strengthening : A Review

Author: Shaikh Zahoor Khalid
Guide : Dr. Vidula S. Sohoni

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Unmute My Audio (Alt+A). Or you can simply press and hold the space bar to temporarily unmute.

Zoom Meeting | 2:19 PM | 1/28/2022

Zoom Meeting | You are viewing Awad Khireldin's screen | View Options

Participants: Jojo Mehoy, Awad Khireldin, Dr Nahid Fatima, rabia, Fajar Yulianto

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Risk assessment roadmap for a non-complied taxiway slope in an airport

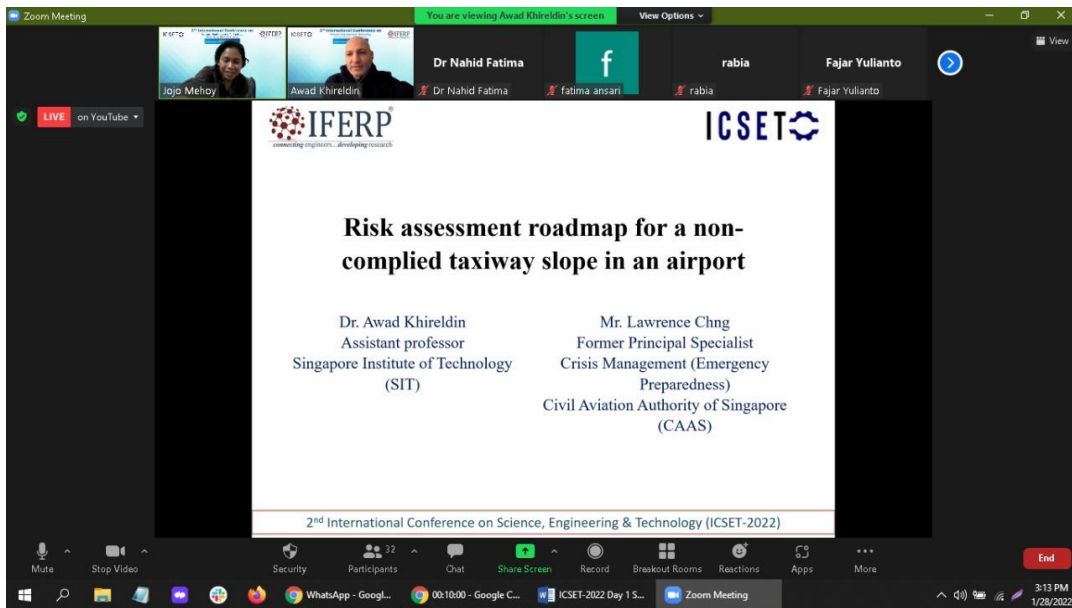
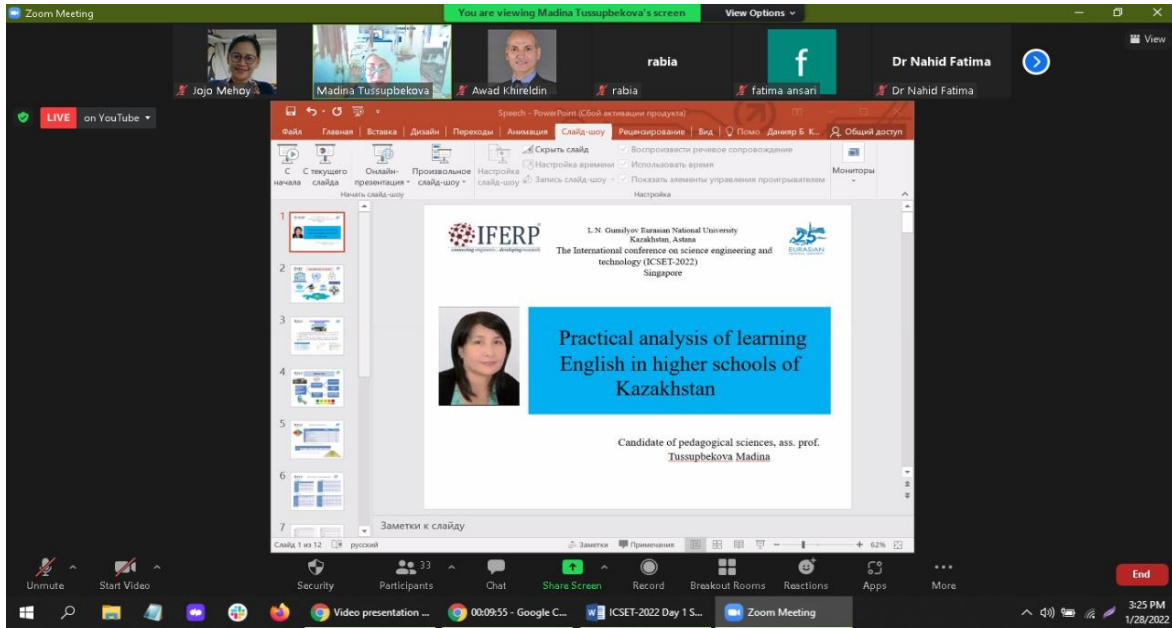
Dr. Awad Khireldin
Assistant professor
Singapore Institute of Technology (SIT)

Mr. Lawrence Chng
Former Principal Specialist
Crisis Management (Emergency Preparedness)
Civil Aviation Authority of Singapore (CAAS)

2nd International Conference on Science, Engineering & Technology (ICSET-2022)

Mute | Stop Video | Security | Participants | Chat | Share Screen | Record | Breakout Rooms | Reactions | Apps | More

Zoom Meeting | 3:13 PM | 1/28/2022



Zoom Meeting | You are viewing rabia's screen | View Options

Jojo Mehoy | Awad Khireidin | Madina Tussupbekova | rabia | Dr Nahid Fatima | Fajar Yulianto

LIVE on YouTube

paper presentation singapore - Microsoft PowerPoint

Paper presentation entitled

Tough and Biocompatible PVA/Chitosan Modified Fumed silica Based Nanocomposite Hydrogels for Chemotherapeutic Delivery In Vitro

By
Dr Rabia kouser
 Ph .D Chemistry
 Material Research lab,
 Department of Chemistry
 Jamia Millia Islamia, New Delhi- 110025

Click to add notes

Slide 3 of 20 | Office Theme | English (United States)

Mute | Stop Video | Security | Participants (31) | Chat | Share Screen | Record | Breakout Rooms | Reactions | Apps | More | End

3:36 PM 1/28/2022

Zoom Meeting | You are viewing PH_MU_Jilbert Novelero's screen | View Options

Jojo Mehoy | PH_MU_Jilbert Novelero | Prof. Chintan Patel | Swathi | PH_MU_Aldrin Paul P... | PH_MU_Johannes De ...

LIVE on YouTube

2nd International Conference on Science, Engineering & Technology
 28th & 29th January 2022 | Singapore

MAPUA UNIVERSITY

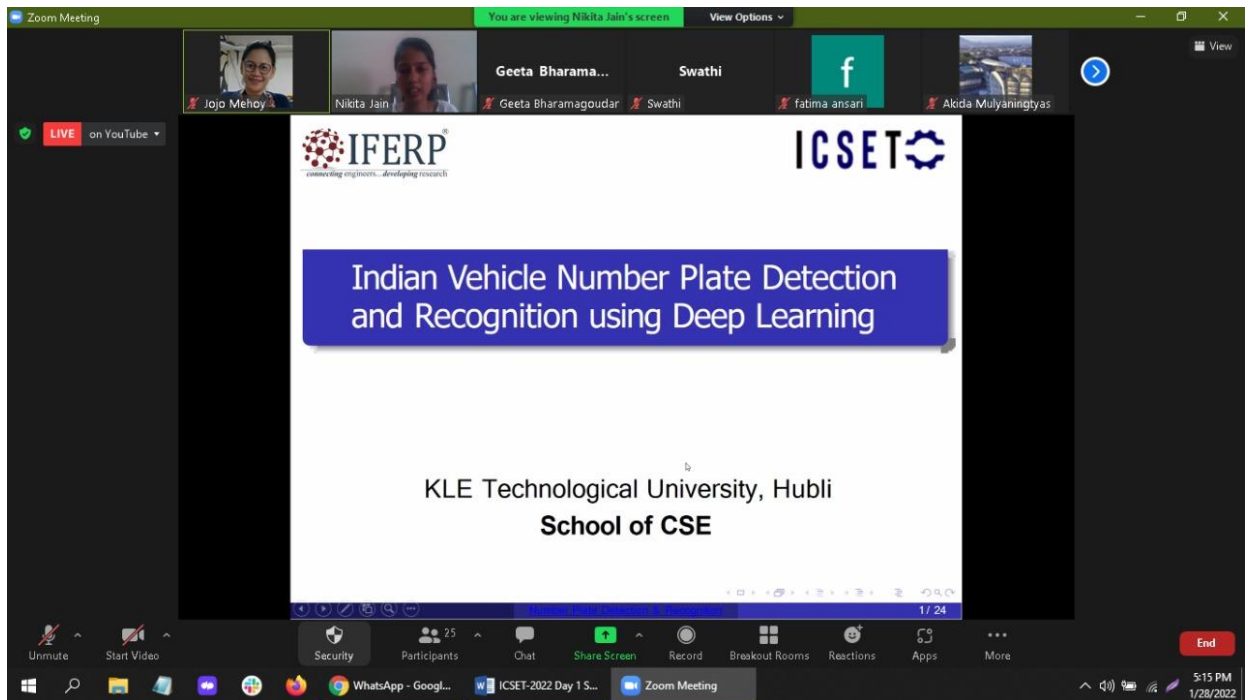
AUTOMATED PILI FRUIT SORTING DEVICE USING L-SVM IMAGE CLASSIFICATION MODEL

Prepared by:
Jilbert M. Novelero, MEP ECE
Jennifer C. Dela Cruz, PhD ECE
 School of Electrical, Electronics and Computer Engineering, Mapua University, Philippines

January 28-29, 2022

Mute | Stop Video | Security | Participants (29) | Chat | Share Screen | Record | Breakout Rooms | Reactions | Apps | More | End

4:13 PM 1/28/2022



Our Associates



Conference Documents

Click the below link to download the ICAKMPET-21 Poster, Brochure & Proceedings Book

<https://drive.google.com/drive/folders/1Pug6oDBiQAdnyZNSmqovVkPLdesLO0Bh?usp=sharing>

Conference Background



The banner features a blue and white geometric pattern. On the left is the ICSET logo, which includes a gear icon. In the center, the text reads "2nd International Conference on Science, Engineering & Technology" in blue, followed by "28th & 29th January, 2022 | Virtual Conference" in red. Below this is a blue box with the text "Organized by Institute For Engineering Research and Publication (IFERP)". On the right is the IFERP logo, which consists of a red molecular structure icon and the text "IFERP" with the tagline "connecting engineers...developing research" below it.

11. Conference Feedback

Name :Jennelyn E. Espinueva
Email :jennelyn.espinueva@lspu.edu.ph
Contact Number :+639985578707
University Name :Laguna State Polytechnic University
Designation :Faculty Member
Country :Philippines
What is your overall evaluation of the conference ? :Yes-definitely
Comments :The conference organizers were very prompt when it comes to queries of participants - just before the conference.
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory
Comments :Well, researchers were able to present their work what they think was best and speakers were able to discuss their topic articulately.
What is your overall evaluation of the conference organization ? :Yes-definitely
Comments :Thank you for being part of the conference. I hope that publication will be soon.
What aspects of the conference were of more value to you ? :New Learnings from the Speakers and Researchers - topics and research works were new to me and I was able to acquire new knowledge from them.
What aspects of the conference were of least value to you ? :None
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Data Analytics, Community-development type of Researches
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Very Good
How did you first learn about the conference ? :From other colleagues in our university

Name :Prema Panikker
Email :premapanikker@gmail.com
Contact Number :9061810789
University Name :Sri Siddhartha Medical College
Designation :MBBS doctor working as a Resident Medical Officer at Metropolitan Hospital in Thrissur
Country :India
What is your overall evaluation of the conference ? :Yes-definitely
Comments :Excellent
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory
Comments :Excellent
What is your over all evaluation of the conference organization ? :Yes-definitely
Comments :Excellent
What aspects of the conference were of more value to you ? :All aspects were of value.
What aspects of the conference were of least value to you ? :None.
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :All topics were presented nicely.
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Very Good
How did you first learn about the conference ? :Online (Website)

Name :Vanessa C. Pascual
Email :vanie92001@gmail.com
Contact Number :09553842643
University Name :Nueva Ecija University of Science and Technology
Designation :Instructor 1
Country :Philippines
What is your overall evaluation of the conference ? :Yes-definitely
Comments :Very Good
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory
Comments :Very Good
What is your over all evaluation of the conference organization ? :Yes-definitely
Comments :Very good
What aspects of the conference were of more value to you ? :very good topic
What aspects of the conference were of least value to you ? :none
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :none
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Very Good
How did you first learn about the conference ? :friend

Name :Shaikh Zahoor Khalid
Email :szahoor555@gmail.com
Contact Number :9765755515
University Name :Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune
Designation :PhD scholar
Country :
What is your overall evaluation of the conference ? :Yes-definitely
Comments :Excellently organised
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory
Comments :Very informative
What is your over all evaluation of the conference organization ? :Yes-definitely
Comments :Good organisation
What aspects of the conference were of more value to you ? :Speakers and the quality of papers presented
What aspects of the conference were of least value to you ? :Non
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Nil
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Very Good
How did you first learn about the conference ? :Mail updates

Name :Ansari Fatima-uz-Zehra
Email :fatima.ansari19@gmail.com
Contact Number :8007860555
University Name :Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune
Designation :PhD Scholar
Country :India
What is your overall evaluation of the conference ? :Yes-definitely
Comments :excellent
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory
Comments :very informative papers
What is your over all evaluation of the conference organization ? :Yes-definitely
Comments :good job by the organizers
What aspects of the conference were of more value to you ? :the quality of papers and the standard of the conference
What aspects of the conference were of least value to you ? :non
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :nil
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Very Good
How did you first learn about the conference ? :online updates

Name :Vendy Hendrawan Suprpto
Email :yendy.hendrawan@yahoo.com
Contact Number :+6287893900045
University Name :Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia
Designation :Presenter
Country :Indonesia
What is your overall evaluation of the conference ? :Satisfactory
Comments :Well done!
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never
Comments :Overall were good presenters and speakers.
What is your over all evaluation of the conference organization ? :No-Never
Comments :Overall was an excellent forum.
What aspects of the conference were of more value to you ? :The speaker was well recognized by most researchers. Give 15 min rather than 10 min to present would be better for the presenter to share all slides.
What aspects of the conference were of least value to you ? :The group should be devided based on "science, engineering, or technology". This is to help the discussion area to be narrower.
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Topic about Safety, big data analytics, and digitalization to support in decision making process. Short notice (day-1) to provide detail agenda and updated information. Suggested to provide the updated information at least a week in advance.
Overall Organization :Good
Conference Registrations :Good
Speaker Quality :Good
How did you first learn about the conference ? :From IFERP advertisement

Name :Rexmelle f. decapia jr.
Email :rexmelle_decapiajr@tup.edu.ph
Contact Number :+639470875724
University Name :Technological University of the Philippines-Taguig Campus
Designation :Head-Mechanical and Allied Department/Assistant Professor III
Country :Philippines
What is your overall evaluation of the conference ? :Yes-definitely
Comments :Very good.
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory
Comments :Excellent topics.
What is your over all evaluation of the conference organization ? :Yes-definitely
Comments :Great!
What aspects of the conference were of more value to you ? :Meeting other researchers even virtual.
What aspects of the conference were of least value to you ? :None in particular.
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Ocean energy
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Very Good
How did you first learn about the conference ? :Excellent

Name :Dellis Meyllasari
Email :dellis.meyllasari@yahoo.co.id
Contact Number :81553253638
University Name :PT Petro Karya Niaga
Designation :listener
Country :Indonesia
What is your overall evaluation of the conference ? :Satisfactory
Comments :Good
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never
Comments :Well done. it's inspiring
What is your over all evaluation of the conference organization ? :No-Never
Comments :Good
What aspects of the conference were of more value to you ? :the presentation somehow related to my needs.
What aspects of the conference were of least value to you ? :-
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :E-business, estimator innovation in trading or EPC work section, project management
Overall Organization :Good
Conference Registrations :Good
Speaker Quality :Good
How did you first learn about the conference ? :I found it on linked in and joined it. the presentation from the speaker inspires me to make some move globally.

Name :Jilbert Novelero
Email :jnovelero@mymail.mapua.edu.ph
Contact Number :+639291404197
University Name :Mapua University
Designation :Engineer
Country :Philippines

What is your overall evaluation of the conference ? :Satisfactory

Comments :I commend the organizers of the successful conference. A lot of new learning and technology trend were obtained from different speakers all over the world.

What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never

Comments :Great presentation as everyone has prepared a lot. One quick feedback is that most of the participants were not strictly observing the allotted 10minutes for their presentation which leads to overtime.

What is your over all evaluation of the conference organization ? :No-Never

Comments :The hosts were able to manage the crowd virtually however there were moments that they failed to help the presenters during technical issues which lengthen the presentation time. Speakers and presenters should have been briefed on how to present via zoom so that they won't encounter issues during their presentation schedule. Kudos to Swathi - who is always there to answer my queries and gave update from time to time. Please keep it up and Thank you very much! Big thanks to the session chair - Chintan Patel for appreciating great presentation and sharing his valuable feedback. It really boost me to perform well during the event.

What aspects of the conference were of more value to you ? :Listening to different research presentations which gave me new knowledge about the technology that would be helpful for sustainable technology advancement. I also learned additional presentation techniques which I can incorporate to my next conference presentations.

What aspects of the conference were of least value to you ? :Having additional breaks to compensate the time because of those absent speakers.

Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :I would recommend hiring a host who can entertain the audience to avoid dull moments and dead air. Make sure they know the presentation platform so that they can assist if there are technical issues. Or might as well create a technical group who manages a breakout room so that they can support those presenters without having so much delays during the technical session schedules.

Overall Organization :Good

Conference Registrations :Very Good

Speaker Quality :Good

How did you first learn about the conference ? :Google search

1. Overall, how was the Conference ? :10 Star
2. After the event, how inspired did you feel ? :10 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Prof. Dr. M. Amr Sadik

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 2 :- Mr. Deepak Shripat Mane

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 3 :- Prof. Ram Ramanathan

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Email :vania92001@gmail.com

Message :Thank you very much!

1. Overall, how was the Conference ? :10 Star
2. After the event, how inspired did you feel ? :10 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Prof. Dr. M. Amr Sadik

Interesting and entertaining :Mostly

Relevant to you :Definitely

Inspiring :Definitely

Speaker 2 :- Mr. Deepak Shripat Mane

Interesting and entertaining :Mostly

Relevant to you :Definitely

Inspiring :Definitely

Speaker 3 :- Prof. Ram Ramanathan

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Email :jennelyn.espinueva@lspu.edu.ph

Message :Thank you for the chance given to me to be part of the conference. I hope that the publication will be soon. Keep safe!

1. Overall, how was the Conference ? :10 Star
2. After the event, how inspired did you feel ? :10 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Prof. Dr. M. Amr Sadik

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 2 :- Mr. Deepak Shripat Mane

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 3 :- Prof. Ram Ramanathan

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Email :szahoor555@gmail.com

Message :Excellent conference

1. Overall, how was the Conference ? :10 Star
2. After the event, how inspired did you feel ? :10 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Prof. Dr. M. Amr Sadik

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 2 :- Mr. Deepak Shripat Mane

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 3 :- Prof. Ram Ramanathan

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Email :fatima.ansari19@gmail.com

Message :Please update me regarding future conferences

1. Overall, how was the Conference ? :8 Star
2. After the event, how inspired did you feel ? :8 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Prof. Dr. M. Amr Sadik

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 2 :- Mr. Deepak Shripat Mane

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 3 :- Prof. Ram Ramanathan

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Email :yendy.hendrawan@yahoo.com

Message :Thank you for sharing your insights during presentation sessions.

****END****