



5TH INTERNATIONAL CONFERENCE ON MULTI-DISCIPLINARY RESEARCH STUDIES AND EDUCATION (ICMDRSE-2022)

26th -27th May 2022

Conference Report

Virtual Conference

ORGANIZED BY
INSTITUTE FOR ENGINEERING RESEARCH
AND PUBLICATION (IFERP)

5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022) $26^{th}~\&~27^{th}~January~2022-Virtual~Conference\\ Past~Conference~Report$

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1. Event Summary

Conference Name : 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022)

Date : 26th & 27th May 2022

Conference Theme: Fostering and bringing together multidisciplinary research studies on a single, indivisible platform

Mode/Place : Virtual Conference

No of Delegates: 85 Delegates for the conference

1.1 OVERVIEW

One of the primary motives of the 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022) to be held in Kuala Lumpur, Malaysia on the 26th - 27th May 2022 is to spur unique discoveries in terms of countering conventional challenges faced in everyday engineering activities and technologies. Technology is progressing at a very fast pace, which currently is weighing heavily on the earth's bounty of natural resources and causing serious damage to the environment. The price for this large-scale and mass expansion in all forms of daily life is being paid for in the form of climate change.

Today, dangerous pollution levels and global environmental degradation endangers the very existence of life on our planet. Now, more than ever, there is an urgent need for professionals from all sectors of engineering and science to come together and work together to find sustainable solutions to sustain economic growth without harming the environment in any way whatsoever. It is unquestionably necessary to devise new strategies and improved technologies that are environmentally self-sustaining. Scientific discoveries and technological innovations to meet the demands of the waste management, energy sector, the manufacturing sector, industrial automation, transportation and other sectors, must now focus on the ecological footprint. The conference will cover topics from diverse disciplines to bestow their innovative schemes for sustainable growth.

1.2 Conference Theme

The theme of this conference revolves around bringing engineering, technology, and management research areas synchronically on an indivisible platform. This conference will draw collectively research fellowships from diverse fields in unitedness, to share their research findings and latest ideas. The main intention of this conference is to integrate interdisciplinary inquiry to deliver the best applications.

2. ABOUT THE CONFERENCE

The 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022), scheduled to take place on the 26th - 27th of May 2022, in the beautiful city of Kuala Lumpur, Malaysia, is an international platform for all sorts of researchers and scholars, practitioners and academicians, students and scientists, to discuss interdisciplinary research and training in engineering and technology. This conference is also intended for researchers, decision-makers, educators, senior managers, practitioners, and others, to serve as a comprehensive platform to present and discuss the latest discoveries, drifts and interests, as well as practical difficulties and resolutions in sectors such as engineering and technology.

The 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022) aims to give researchers, students, and delegates and the occasion to communicate and share their expertise and understanding of technology utilization. This event will also serve as an excellent international forum for sharing expertise and results on recent challenges in engineering technology. The goal of the conference is to provide a stage for scientists and practitioners from academia and industry to address issues with development in the field.

3.CONFERENCE SCOPE

ICMDRSE 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, Guest Speaker 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 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022).

Keynote Speakers



Prof. Michalis Toanoglou
Professor in Hospitality & Tourism
Development of International Programs
Jeonju University, South Korea



Prof. Dr. S. NagaRajan
Principal & Professor
Department of Electrical Engineering,
Surendra Institute of Engineering and
Management Dhukuria, West Bengal



Dr. Bhanu Pratap Singh
Vice Chancellor
Maharishi University of Information
Technology-MUIT,
Lucknow, India



Dr. Noor Zaman Jhanjhi
Director & Associate Professor
Center for Smart Society 5.0 [CSS5]
Cluster Head – Cyber Security Cluster
Taylor's University, Malaysia.

Followed by welcoming our session chair 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022).

Session chairs



Dr Jugindar Singh
Senior Lecturer and Editor School of
Business
Asia Pacific University of Technology and
Innovation Kuala Lumpur



Ts. Ir. Dr. King Kuok Kuok
Associate Professor
Department of Civil engineering
Swinburne University of Technology
Sarawak Campus, Kuching, Malaysia



Mr. Patel Chintan Ashwin kumar
Assistant Professor
Electronics and Communication
Engineering,
Gandhinagar Institute of Technology,
India.



Mr. I PUTU TEDY INDRAYANA

Lecturer

Faculty of Mathematics and Natural

Sciences,

Universitas Udayana,

Bali, Indonesia.

Guest Speaker



Dr. Jihane Benmassoud

Professor & Journal Reviewer, Guest Editor

Department of Tourism and Management Cadi Ayyad University ESTE Essaouira, Morocco

4.2 Opening Session _Conference Proceedings.

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



5.CONFERENCE ORGANIZING COMMITTEE

Lead Name	Designation	Department	College/Universities Name	Country
Prof. Dr. Sathish Kumar Selvaperumal, C.eng (u.k)	Program Leader	Telecommunication Engineering	Asia Pacific University Of Technology And Innovation	Malaysia
Dr Jugindar Singh	Associate Professor	School Of Business	Asia Pacific University Of Technology And Innovation	Malaysia
Ts. Ir. Dr. King Kuok Kuok	Senior Lecturer	Civil Engineering	Swinburne University Of Technology	Malaysia
Dr. Lokesh C	Associate Professor	Electrical And Electronics Engineering	Vidyavardhaka College Of Engineering	India
Patel Chintan Ashwinkumar	Assistant Professor	Electronics And Communication Engineering	Gandhinagar Institute Of Technology	India
Dr. Jaydeep Patil	Assistant Professor	Computer Science	D. Y. Patil Agriculture And Technical University	India
Dr Mounir Gouiouez	Professor	Faculty Of Arts And Sciences	Université Sidi Mohammed Ben Abdellah	Morocco
Zohaib Hassan Sain	Quality Officer	Quality Department	Horivert Atm	Pakistan
Dr. S.china Venkateswarlu	Professor	Electronics And Communication Engineering	Institute Of Aeronautical Engineering	India
Dr. Ghazalah Yasmin	Professor	Botany	Govt Post Graduate College For Women Jhelum	Pakistan
Dr. Prabin Shakya	Program Management And M&e Expert	Public Health Research And Education	Social Audit And Research Centre	Nepal
Dr. Razwan Mohmed Salah Najimaldeen	Hod	Computer Science	Cihan University - Duhok	Iraq
Dr. Wan Adibah Wan Ismail	Head Of Faculty / Associate Professor	Faculty Of Accountancy	Universiti Teknologi Mara	Malaysia
Dr Soubhagya Ranjan Mallick	Assistant Professor	Computer Science & Engineering	Trident Academy Of Technology	India
Dr. Hassan Falah Fakhruldeen	Lecturer	Faculty Of Information Technology	Imam Jaafar Al-sadiq University	Iraq
Dr. Shashikumar G. Totad	Professor	School Of Computer Science	Kle Technological University	India
Dr. Geeta R. Bharamagoudar	Professor	Department Of Computer Science & Engineering	Kle Institute Of Technology	India

		Donartment Of		
		Department Of Information Systems		
Du Vasain Gauldi	Assistant	And Computer	Ahmed Bin Mohammed	
Dr. Yaseein Soubhi Hussein	Professor	Science	Military College	Qatar
Husselli	110103501	Department Of	winitary contege	Quitai
		Electronics &		
	Associate	Communication	Holy Mary Institute Of	
Y. David Solomon Raju	Professor	Engineering	Technology & Science	India
1. David Bolomon Raja	110103501		Shri Madhwa Vadiraja	maia
		Department Of Mechanical	Institute Of Technology And	
Dr.sudarshan Rao K	Professor	Engineering	Management	India
Di.sudaisiiaii Rao R	110103301		Wanagement	maia
		Department Of Computer Science	Sri Krishna Collogo Of Enga 8	
Du C Bololysishman	Professor	And Business System	Sri Krishna College Of Engg & Technology	India
Dr. S. Balakrishnan	Professor	,		IIIuia
	1	Department Of	Shri Kalidas Degree College	1 - 12 -
Gayatri Sunkad	Lecturer	Political Science	Badami	India
		Department Of		
	Assistant	Computer Science	Sant Baba Bhag Singh	
Dr. Saurabh Sharma	Professor	And Applications	University	Punjab, India
		Department Of		
	Associate	Computer Science		
Dr.Umesh Sehgal	Professor	And Applications	Sbbs University	Phagwara, India
	Professor &	Department Of		
Dr. Jihane Benmassoud	Reviewer	English	Cadi Ayyad University	Morocco
			Informerics Valuation And	
Dr. Manoranjan Sharma	Chief Economist	Economic Analysis	Rating Private Limited	India
		Journalism And		
		Mass	Guru Gobind Singh	
Prof.dr. Dilip Kumar	Hod & Dean	Communication	Indraprastha University	India
	Deputy Campus			
	Director &	Department Of		
	Associate	Management &		
Dr. Sevenpri Candra	Professor	Business	Binus University	Indonesia
-	Assistant	Department Of Civil	Jecrc Engineering College	
Yogesh Kumar Agarwal	Professor	Engineering	And Research Centre	India
1811 1 11 811		Faculty Of Marine		
Dr. Tien Anh Tran	Lecturer	Engineering	Vietnam Maritime University	Vietnam
			,	Victioni
Dr Ahmed Mohamed Abdel	Locturor	Department Of Science	Higher Technological Institute	Egypt
Aal Abdallah	Lecturer		montate	Egypt
		Department Of		
D. D 177	Drofosser	Aeronautical	Mir Inctitute Of Technology	India
Dr. Pramod Kumar Dash	Professor	Engineering	Mlr Institute Of Technology	India
	Chief &	Graduate School	Bulling the state of the state	
D D . D	Associate	Research And	Polytechnic University Of The	Distilia et e e
Dr Arvin Roxas De La Cruz	Professor	Extension	Philippines	Philippines

	Assistant	Department Of		
Khem Raj Subedi	Professor	Economics	Far Western University	Nepal
Chandra Shekhar Joshi	Guest Faculty	Department Of Tourisam & Hospitality Faculty Of Business	State Institute Of Hotel Management	India
Prof. Dr. Burhan Uluyol	Associate Professor	And Management Sciences	Istanbul Sabahattin Zaim University	Turkey
Prof. Dr. Froilan D. Mobo	Associate Professor Ii / Assistant Director	Department Of Research Development And Extension	Philippine Merchant Marine Academy	Philippines
Dr. B. Latha Lavanya	Associate Professo	Department Of Management	Measi Institute Of Management	India
Arpita Rani Khamrai	Professor	Department Of Human Physiology With Community Health	Vidyasagar University	India
Chef Sukhminder Singh	Assistant Professor	Department Of Hospitality	Chandigarh University	India
Dr. Kanwalvir Singh Dhindsa	Professor & Head	Department Of Computer Science & Engg	Baba Banda Singh Bahadur Engineering College	India
Dr Kazi Md Salim Newaz	Professor	Department Of Mechanical Engineering	University Of Malaya	Malaysia
Dr C.senthilpari	Senior Lecturer	Faculty Of Engineering	Multimedia University - Mmu Cyberjaya	Malaysia
Dr Rajesh @ Nithyanandam Rajasekaran	Associate Professor	Department Of Chemical Engineering	Sri Venkateswara College Of Engineeringq	India
S.sathyanarayanan	Systems Consultant	Department Of Computer Science	Sri Sathya Sai University For Human Excellence	India
Dr. Sandeep Hwankhade	Associate Professor	Department Of Mechanical Engineering	Aissms College Of Engineering	India
Dr. Ajith Padyana	Associate Professor And Head	Department Of Artificial Intelligence And Machinelearning	Acharya Institute Of Technology	India
Dr.s.govindarajan	Professor	Department Of Civil Engineering	Aditya Engineering College	India
Dr. Fazilah Binti Razali	Senior Lecturer	Faculty Of Educational Studies	Universiti Putra Malaysia	Malaysia

Dr. Sheeba Khalid	Assistant Professor	Department Of Humanities	The Neotia University	India
Dr Chandra Mouli Darapaneni	Assistant Professor	Department Of Civil Engineering	Acharya Nagarjuna University	India
Dr. Por Lip Yee	Associate Professor	Department Of Computer System And Technology	Universiti Malaya	Malaysia
Dr. Ng Yin Hoe	Senior Lecturer	Faculty Of Engineering	Multimedia University	Malaysia
Datin Dr. Sameem Binti Abdul Kareem	Dean/professor	Department Of Artificial Intelligence	University Of Malaya	Malaysia
Dr. Suhana Binti Koting	Senior Lecturer	Department Of Civil Engineering	University Of Malaya	Malaysia
Dr. Othman Omran Khalifa Ir. Ts. Dr. Parvathy	Professor Head/ Associate	Electrical And Computer Engineering Department School Of Aerospace	International Islamic University Malaysia	Malaysia
Rajendran	Professor	Engineering	Universiti Sains Malaysia	Malaysia
Dr. Abdul Hafaz Ngah	Senior Lecturer	Faculty Of Business, Economy And Social Development Department Of	Universiti Malaysia Terengganu	Malaysia
Dr. Ahmad Rasmi Albattat	Senior Lecturer	Tourism And Hospitality	Management And Science University	Malaysia
Mohamad Anuar Bin Kamaruddin	Lecturer	School Of Industrial Technology	Universiti Sains Malaysia	Malaysia
Dr. Vengadesh Periasamy	Associate Professor	Department Of Physics	University Of Malaya	Malaysia
Aidanazima Abashah	Lecturer	Faculty Of Applied And Human Sciences	University Malaysia Perlis	Malaysia
Dr. Nur Amalina Binti Mohd Amin	Senior Lecturer	Faculty Of Science And Technology	Universiti Sains Islam Malaysia	Malaysia
Dr. Syamsuriana Binti Sidek	Senior Lecturer	Faculty Of Entrepreneurship And Business	Universiti Malaysia Kelantan	Malaysia
Dr. Nurnadiah Binti Zamri	Lecturer	Faculty Of Informatics And Computing	University Of Sultan Zainal Abidin	Malaysia
Ts. Dr. Duratul Ain Binti Tholibon	Lecturer	School Of Civil Engineering	Universiti Teknologi Mara	Malaysia
Dr. Tan Siok Yee	Senior Lecturer	Faculty Of Information Science And Technology	Universiti Kebangsaan Malaysia	Malaysia
Ts. Dr. Norsaidatul Akmar Mazelan	Founder & Ceo		Think Plus Consulting Sdn Bhd	Malaysia

	Dean & Associate	Centre For Graduate		
Dr. Setyawan Widyarto	Professor	Studies	Universiti Selangor	Malaysia
Dr.wong Wei Kitt	Senior Lecturer	Computer Engineering	Curtin University Malaysia	Malaysia
Dr.low Siew Chun	Associate Professor	Chemical Engineering	Universiti Sains Malaysia	Malaysia
Ts. Dr. Mohd Khalid Awang	Associate Professor	Department Of Computer Science	Universiti Sultan Zainal Abidin(unisza)	Malaysia
Saifulnizan Bin Jamian	Associate Professor	Department Of Mechanical Engineering	Universiti Tun Hussein Onn Malaysia	Malaysia
Mr.raguraman Raman	Senior Lecturer	Faculty Of Engineering & Computer Technology	Aimst University	Malaysia
Dr. Zainab Binti Ngaini	Professor	Faculty Of Resource Science And Technology	Universiti Malaysia Sarawak (unimas)	Malaysia
Dr. Ng Eng Poh	Associate Professor	Material Chemistry	Universiti Sains Malaysia	Malaysia
Ts Dr Firdaus Mohamad Hamzah	Associate Professor	Department Of Engineering Education	Universiti Kebangsaaan Malaysia	Malaysia
Dr. Mannur Ismail Shaik	Lecturer	Faculty Of Fisheries And Food Science	Universiti Malaysia Terengganu,	Malaysia
Dr. Amirrudin Bin Kamsin	Senior Lecturer	Department Of Computer Science And Technology	Universiti Malaya	Malaysia
Dr Ir Julie Juliewatty Mohamed	Lecturer	Materials Engineering	Universiti Malaysia Kelantan	Malaysia
Dr Prem Adheesh Lekhi	Doctor	Mbbs	Ssiom Ingo	Malaysia
Dr. Sagar Suryakant Gaddamwar	Assistant Professor	Mechanical Engineering Department	Jawaharlal Darda Institute Of Engineering And Technology	India
Dr. P. Mary Jeyanthi	Associate Professor	Decision Science & Analytics	Jaipuria Institute Of Management	India
Dr.rodriguez Barboza Jose Ulises	Main Professor	Civil Engineering Program	Universidad Peruana De Ciencias Aplicadas	Peru
Dr.hazhar Talaat Abubaker Blbas	Lecturer	Department Of Statistics	University Of Salahaddin	Iraq
Dr. Kailash Chandra	Assistant Professor	Plant Breeding And Genetics	College Of Agriculture (sri Karan Narendra Agriculture University)	India

		Department Of Data Science And		
	Assistant	Intelligent Systems	Indian Institute Of	
Dr Ramesh Athe	Professor	(statistics)	Information Technology	India
Dr. Prashant Mani	Associate Professor	Department Of Ece	Srm Ist	India
Dr. Khalaf Salloum Gaeid Alshammery	Lecturer	Control System And Electrical Networks	University Of Tikrit	Iraq
Dr. Subrata Saha	Assistant Professor	Dept. Of Mathematics	Tripura University	India
Dr. Sheila Shamuganathan	Senior Lecturer	Chemistry Unit	Penang Matriculation College	Malaysia
Dr Mohd Khir Bin Mohd Nor	Associate Professor	Universiti Tun Hussein Onn Malaysia	Universiti Tun Hussein Onn Malaysia	Malaysia
Dr.muhammad Iqbal	Assistant Professor	Faculty Of Mechanical Engineering Technology	University Malaysia Perlis	Malaysia
Dr.t.geethapriyan	Assistant Professor	Department Of Mechanical Engineering	Srm Institute Of Science And Technology	India
Dr. Carmen Bizzarri	Associate Professor	Environmental Policies In Economics Degree	Università Europea Di Roma	Italy
Dr. Achala Pallegedara	Senior Lecturer	Department Of Manufacturing And Industrial Engineering	University Of Peradeniya,	Srilanka
Dr Hj. Abu Bakar Bin Mohd Sheikh	Senior Lecturer	Faculty Of Education And Social Sciences	The University Of Selangor	Malaysia
Dr. Anudeeparora	Associate Professor		Kamal Institute of Higher Education & Advance Technology	India
Dr. Imtiyaz Ahmad Wani	Academic Counsellor IGNOU	Department of Sociology	Maulana Azad National Urdu university	Hyderabad
Dr.abdullah Hussein Abdullah Alamoodi (a.h. Alamoodi)	Senior Lecturer	Faculty of Art, Computing and Creative Industry	Sultan Idris Educational University (UPSI)	Malaysia
Dr. M. Gurusamy	Professor and Head	Department of MBA	Brindavan College	Banglore
Dr.olufemi Adebayo Johnson	Assistant Professor	School of Energy, Geoscience, Infrastructure and Society	Heriot-Watt University	United Kingdom

Dr. Hanh Pham Thi	Lecturer	The Tourism Department	Vietnam Women's Academy	Vietnam
Dr.k.thamizhmaran	Assistant Professor	Electronics And Communication Engineering	Government College of Engineering	India
Dr.arsalan Mujahid Ghouri	Senior Lecturer	Marketing Management	Universiti Pendidikan Sultan Idris	Malaysia
Dr. Alzgool, Mahmoud R.	Associate Professor	Human Resource Management	Gulf University	Bahrain
Dr. Shahin Salarvand	Assistant Professor	Department of Nursing	Lorestan University of Medical Sciences	Iran
Dr. Seah Choon Sen	Assistant Professor	International Business	Universiti Tunku Abdul Rahman	Malaysia
Dr. Hamed Taherdoost	Faculty	Department of Computer Science	University Canada West	Canada
Dr. Fathmath Muna	Director General	Department of Management	Maldives Media Counci	Maldives
Dr. Mohammad Noor Alam	Assistant Professor	Department of Accounting	University of Bahrain, Zallaq, Bahrain	UAE
Dr. Norhidayah Binti Azman	Lecturer	Faculty Business Administration And Profesional Studies	Management & Science University	Malaysia
Izatul Husna Zakaria – Dr	Senior Lecturer	School of Technology Management and Logistics (STML	University Utara Malaysia	Malaysia
Ts. Adlan Ali	Lecturer	Department of Electrical Engineering Technology	University Technical Malaysia Malacca	Malaysia

Conference - Day 1

6. Guest Speaker



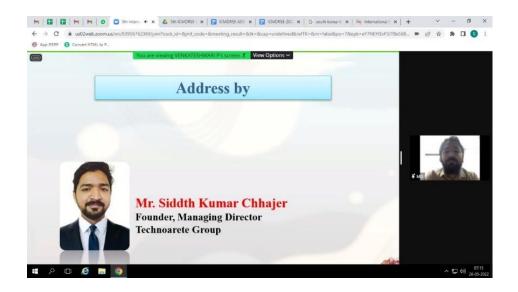
Mr. Siddth Kumar Director, MD Founder of Technoarete Groups

Biography:

Mr. Siddth Kumar Chhajer is an entrepreneur, investor, philanthropist, founder & Samp; Managing

Director of Technoarete Group. He had 8 years of experience in organizing scientific conferences. He completed his education in Engineering from SRM university, Chennai and MBA from ST.Peter's University, Chennai. He is interested in doing several socio-academic activities for the welfare of the society. Under his guidance IFERP became one of the fastest growing organizations in Asia. His organization received the "Best Scientific Conference Production House of 2018" From ABP. With success knowing no limit Mr.Siddth attribute his fame to team work and the entrepreneur spirit which together have enable transform to risk to opportunities to handle for ever changing environment in education & Camp; technologies.

Mr. Siddth Kumar- DIRECTOR, MD Founder of Technoarete Groups to deliver Guest speech.



6.1 Keynote Speaker



Dr. Bhanu Pratap Singh

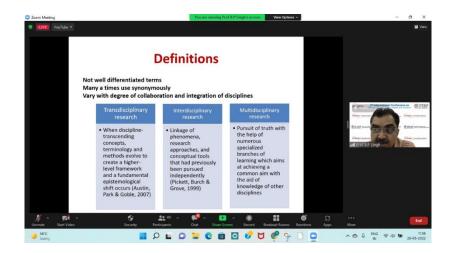
Vice Chancellor

Maharishi University of Information Technology-MUIT, Lucknow, India

Biography:

I am Prof. (Dr.) Bhanu Pratap Singh, currently Vice-Chancellor at Maharishi University of Information Technology, India, since June 2019. Prior to that, I served as Director at Moradabad Institute of Technology (MIT), Moradabad), Director at S.C.E.T Ghaziabad (formerly Shri Ganapati Institute of Technology). I have expertise in Mechanical Engineering, and my area of interest pertains mainly to 3-D printing besides Bio-fuels, Thermodynamic Modeling and VCR Engine. Early in my career, I served as Associate Professor in Mechanical Engineering Department at M.I.T. Moradabad (September 2000 - July 2015) and later as Professor in Mechanical Engineering Department at N.I.E.T Greater Noida (July 2015 - January 2016). I also worked at Assembly & Machine shop at Birla Yamaha Limited for several years (August 1991- August 2000). The varied assignments help me to enrich my experience in teaching and industry and as one of the keynote speakers I would take this opportunity to share my knowledge and experiences with you all here.

Dr. Bhanu Pratap Singh - Vice Chancellor, Maharishi University of Information Technology-MUIT to deliver his keynote speech.





Prof.Dr.S.Nagarajan
Principal & Professor
Department of Electrical Engineering,
Surendra Institute of Engineering and Management
Dhukuria, West Bengal

Biography:

Prof. Dr. S. Nagarajan is the Principal of Surendra Institute of Engineering and Technology, Siliguri, Darjeeling, West Bengal. Before joining this position, he was working as a Professor and Head in the Department of Electrical and Electronics Engineering at Jerusalem college of Engineering, Chennai. He has a vide experience of 21 years in the teaching field in various institutions. He completed his PhD from Anna University in the year 2014. Dr. S. Nagarajan is a leading academic researcher and He was the Professor and Head of the department for the past 10 years, who played a role model for other staff members in the pursuit of academic excellence, leadership and managerial skills.

Prof.Dr.S.Nagarajan- Principal & Professor, urendra Institute of Engineering and Management to deliver his keynote speech.



7.SCIENTIFIC PROGRAM

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

7.1 Technical Session I

- ♣ Neural Network-based Time Series Forecasting of HIV Epidemics: The Impact of Antiretroviral Therapies in the Philippines Presentation by Sales G. Aribe Jr.
- ♣ Forecasting PM 2.5 and PM 10 Air Quality Index using Artificial Neural Network Presentation by Mary Joy D. Viñas
- Quality Management Approach for a Sustainable and Competitive Production and Enterprise Development Services Presentation by Anna Liza M. Mateo
- ♣ Computing Students' Academic Performance Analysis Before and Amidst Pandemic Using Data Analytics Presentation by Ichelle F. Baluis
- ♣ A Review of Enhancement Traditional Wide Band Networks by Using Enhanced WIMAX Technology Presentation by Ali Huzber
- Lived Experiences of Campus Directors as Managers in a Philippine State University Presentation by Cristina Marie M Juanzo Balderama
- ♣ Influence of Religiosity on Ethical Decision-Making Among Filipino Auditors in Public Practice Presentation by Sherryll Fetalvero
- ♣ The Relationship Of Intrapreneurship Practices In The Workplace and The Company's Competitive Advantage Presentation by Dr Limuel P Pavico
- ♣ Internationalization of Education in the Post-Pandemic: A Model forSustainable Education Presentation by Leoncio Peralta Olobia
- ♣ Relationship of Operating Segments (IFRS 8) and Profitability of Universal Banks in the Philippines Presentation by Henry D Rufino

- ♣ Failure Analysis Of Ex-spool 16" Mol: An Insight Of Machine LearningAnd Experimental Result Presentation by Taufik Aditiyawarman
- ♣ Saving Employee Engagement Through Work Life Balance and JobSatisfaction Presentation by Heni Kesumayani
- ↓ Language Use in Distance Education: Basis for Policy Formulation Presentation by Lynn M Besa
- ♣ Urban Design Competitions In Asia and Its Impact From Students Perspective Presentation by Job Tabamo Barallas
- ♣ Work from Home Experience and Work-life Balance of Accounting Business Process Outsourcing Employees Presentation by Derick Suba Figueroa

7.2 Technical Session II

- ♣ Language of Pandemic: An Impression of Filipino Character Presentation by Lynn M Besa.
- ⁴ "Hulun Hyang" Farmer Group Asset Mapping Using Asset-Based Community Development Methode as an Ex-situ Edelweiss Flower Conservation in the Bromo Tengger Semeru National Park Area (Case Study: Edelweiss Park, Wonokitri Village) Presentation by Melati Julia Rahma
- ♣ Field Oriented Control of Induction Motor Based Parameters Estimation for PV System with MPPT Presentation by Omer N Mahmmoud
- ♣ Exploring drivers of service quality in higher education: Periods in the pandemic in Mongolia Presentation by Amarjargal Sukhragchaa
- ♣ The study of Waste Rice Husk as a Novel Green Corrosion Inhibitor in Aluminum under 1M HCl solution Presentation by Agus Paul Setiawan Kaban
- ♣ Safety Leading Indicators for Malaysian Construction Industry Presentation by Lee Wei Xian
- ♣ The Effect Of Gender Toward Student Attitude On Using Interactive Multimedia Ipad Presentation by Nunu Mahnun
- Removal of Turbidity and Total Organic Carbon from Contaminated Water

- by Mixing Two Coagulants in Coagulation Process Presentation by Suha Mahdi Salih
- ♣ An IoT Based Self Defensive Wearable Device for Women Safety Presentation by Malathi Acharya
- ♣ Impact of Recruitment and Selection Practices on Teaching Faculties Satisfaction at Community Colleges of Nepal Presentation by Hari Lal Mainali
- ♣ Developing a sequential data migration method for document-based database and key value database. Presentation by Lim Fung Ji
- Design of An Active element-based Class-J Power Amplifier for 5G Wireless Communication Applications Presentation by Nagisetty Sridhar
- Film Industry Development: A Systematic Literature Review and Future Research Directions Presentation by Patar Sotarduga Simatupang
- → A qualitative study on the characteristics of micro franchise business models in Selangor, Malaysia Presentation by Nurbani Md Hassan
- ♣ South China Sea Maritime Disputes and Malaysia International Integrative Relations as a Jihad Strategy in Balancing the World's Authoritative Powers Presentation by Mohd Harris Sadi RMN
- ♣ A Deep Learning Framework For Auto Detection Of Hate Speech On Social Media Presentation by Malika CHIKHI
- ♣ Effectiveness of Job Placement Cell for Graduates of Dhaka Mohila Polytechnic Institute Presentation by Arifa Parvin
- Robotic for automation of operational asset in Oracle application in e-AM system. Presentation by Haitham Al Rawahi
- ♣ Web-based GIS Application for Mapping of management and monitoring
 of Fisheries Biosecurity Activities in Malaysia Presentation by Eleanor Daniella binti
 Lokman
- ♣ GIS Application: Ornamental Fish Farming and Off-Farm Employment Distribution in Perak, Malaysia Presentation by Eleanor Daniella Lokman
- ♣ Investigating Social Relationships and Skills of The Homeless People Presentation by Rishetra Vamalatithan

7.3 Most Enjoyed Presentations

7.3.1 Best Paper



Title: FAILURE ANALYSIS OF EX-SPOOL 16" MOL: An insight

of Machine Learning and Experimental Result

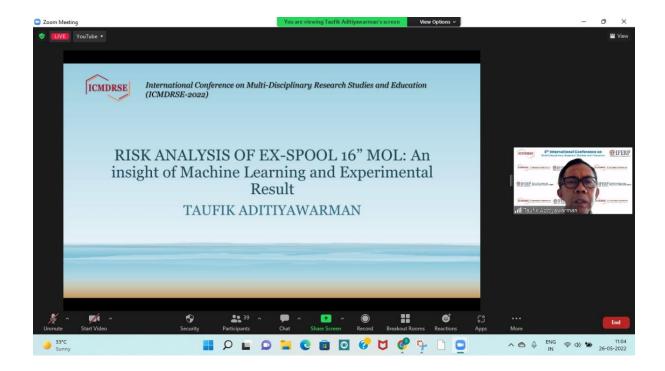
Name: Taufik Aditiyawarman

University/Organization: PhD Student, Materials and Metallurgical Engineering, Engineering Faculty, University of

Indonesia.

Abstract:

The paper reports the development of a Risk-Based Inspection (RBI)-Machine Learning perspective to mitigate the future and unprecedented risk of API 5L Grade X42 subsea pipeline leakage. The investigation found that the pipe was internally coated with greencoloured material. The Optical Emission Spectrometry (OES), Tensile Test, Scanning Electron Microscope (SEM), Energy Dispersive X-Ray Spectroscopy (EDS) and X-Ray Diffraction (XRD) were used to analyze the root cause of the pipeline's failure. Corrosion attack is seen at the cross-section microstructure based on SEM results. The chemical composition of Carbon, Manganese, Phosphorous, and Sulfur has dramatically lower than the standard API 5L Grade X42. Siderite and hematite dominate the composition of the corroded area as a result of CO2 dissolving in water. In contrast, hematite is generated due to the pipe and outdoor atmosphere reaction. Severe local wall thinning causes the degradation of the material's mechanical properties and increases the corrosion rate. This result is amplified by the development of Machine Learning (ML) to estimate the corrosion rate of material. Flow acceleration, turbulence, chemical composition, hardness, and tensile test data are used as input data to predict the PoF. The corrosion rate and predicted PoF are the output data to mitigate future failure. Our result shows the prediction accuracy is 98%, with a lower percentage loss of approximately 0.052 and depicts the agreement between experimental and modelling results. This work can be used to reduce the analysis time, minimize human bias, and serve as a reliable reference mitigation plan to maintain the integrity of the subseapipelines based on Artificial Intelligent.





Title: Design of An Active element-based Class-J Power Amplifier for 5G Wireless Communication Applications

Name: Nagisetty Sridhar

University/Organization: Ph.D. Research Scholar, Faculty of

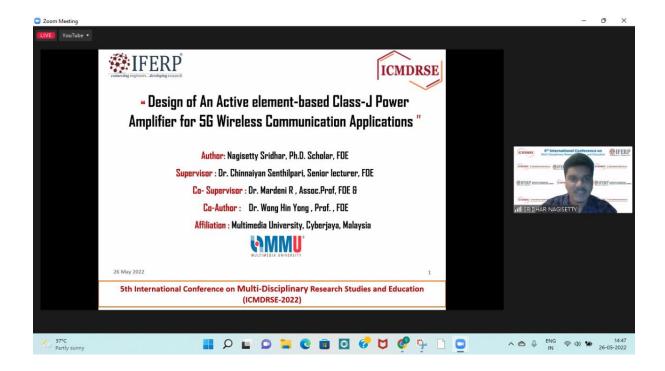
Engineering(FOE), MULTIMEDIA University,

Cyberjaya, Selangor, Malaysia.

Abstract:

This paper presents the analysis and design of an active element-based class-J Power Amplifier (PA). A proper PA needs to be designed to achieve the required power output over a bandwidth (BW) that supports the emerging 5G applications without sacrificing linearity. Among different PAs, class-J mode PA will be more suitable for linear and broadband applications. Therefore, a class-J PA design that operates at 5GHz (i.e., sub-6GHz 5G frequency band) with an active element-based approach using Silterra 130nm CMOS process technology to estimate its feasibility for integration without compromising on the performance is described in this paper. The simulation results show that the saturated power output (Psat) of 27dBm with a maximum value of 13.73dB power gain and power output at 1dB compression point (P1dB) of 26.2dBm are obtained with a BW of approximately 500 Hz by supplying the PA with 5V to deliver into 50 Ω load. The PA's layout with the estimated chip size of (13.8X20.0) um2 reveals its feasibility for the integration.

Keywords- 5G, Sub-6GHz, Class-J, Power Amplifier, OMN



7.3.2 Best Paper Presentation



Title: Urban Design Competitions in Asia and its Impact from

Students Perspective

Name: Job Tabamo Barallas

University/Organization: Master's Student School of Design and

Arts King Mongkut's University of Thonburi

Abstract:

Urban design competitions have been a valuable tool for professionals and cultural phenomena targeting to increase human understanding of spatial interaction concerning decision-making manners for the development of communities. Ever since the Council of Athens invited architects and sculptors, they drive up quality, spur creativity and innovation, and generate a range of ideas improving choice which is a highly successful procurement model that brings out the best in a given case study or issue. It often provides a platform to showcase new and emerging talent.

This paper will look at various international Urban Design Competitions for students in Asia by viewing the structure, strategy, and impacts of the selected case studies from Australia, the

European Union, Designing Resilience of Asia (DRIA) and UNHabitat Initiatives. The researcher aims to find apparent differences in the organization's use of these types of competitions accordingly and ask the students' feedback in terms of how to improve the modality of which and turn it to action or implementation. The outcome may indicate that some processes for programming, assessing, and organizing these kinds of competitions affect the perception and motivation of the students to advance an idea to implementation that needs guidance and support from various stakeholders. The organizational factors significantly include sponsorship and conclusion, programming time, jury composition, and implementation resources.

Keywords- Urban Design, Design-Development Competitions, Students, and Collaboration.





Title: A Deep Learning Framework for Auto Detection of Hate

Speech On SocialMedia

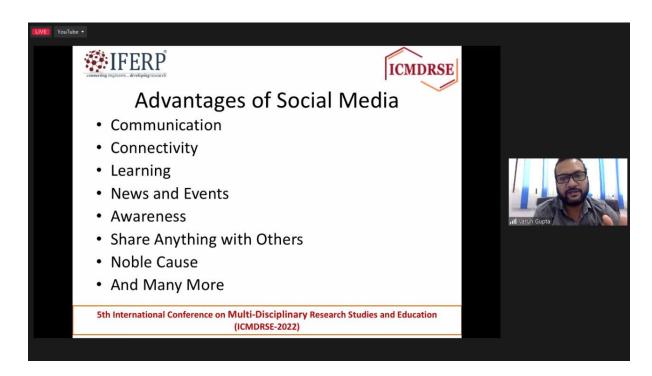
Name: Mr. Varun Gupta

University/Organization: Research Scholar, Sant Baba Bhag

Singh University, Computer Science & Applications

Abstract:

Hate speech on social media may spread quickly through online users and subsequently, may even escalate into vile violence and heinous crimes. This paper proposes a hate speech detection model by means of machine learning and text mining feature extraction techniques. In this study, the authors collected the hate speech of English- Odia code mixed data from a face book public page and manuallyorganized them into three classes. In order to build binary and ternary datasets, the data are further converted into binary classes. The modeling of hate speech employs the combinations of a machine learning algorithm and features extraction. support vector machine (SVM), native bayed (NB) and random forest (RF) models were trained using the whole dataset, with the extracted feature based on word unigram, bigram, trigram, combined n-grams, terms frequency- inverse document frequency (TF-IDF), combined n- grams, weighted by TF-IDF and word2vec for both the datasets. Using the two datasets, we developed two kinds of models with each featurebinary models and ternary models



Conference - Day 2

8. Guest Speech

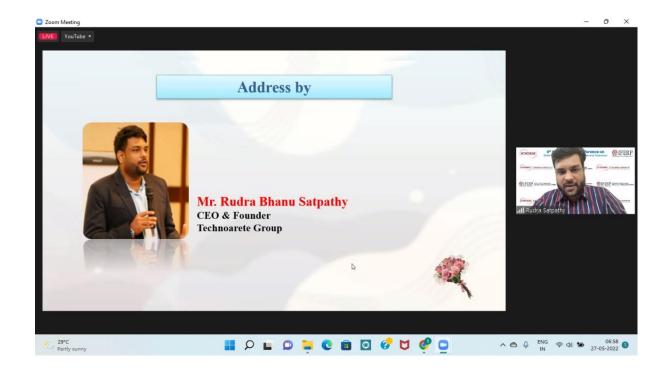


Mr. Rudra Bhanu SatpathyCEO of Technoarete Groups

Biography:

Mr. Rudra Bhanu Satpathy is an entrepreneur, investor, philanthropist, founder & EO of Technoarete Group. He had 10 years of experience in organizing scientific conferences. He completed his education in Engineering from SRM university, Chennai, ME from ST.Peter's University, Chennai and he is pursuing his PhD in St.Peter's University, Chennai. His research interests include image processing, antennas and wireless networks. He is interested in doing several socio-academic activities for the welfare of the society. Under his guidance IFERP and BioLeagues Worldwide became one of the fastest growing organization in Asia. His organization received the "Best Scientific Conference Production House of 2018" From ABP. With success knowing no limit Mr.Rudra attribute his fame to team work and the entrepreneur spirit which together have enable transform to risk to opportunities to handle for ever changing environment in education & Echnologies. His research interests include image processing, antennas and wireless networks. Climate Change & Ecology, Drug Discovery & Econogy, Communal Medicines, Cancer and our Battle, Oral Health, Allied Health Sciences, Technology for Humanity are some of my concerns.

Mr. Rudra Bhanu Satpathy - CEO of Technoarete Groups to deliver Guest speech.





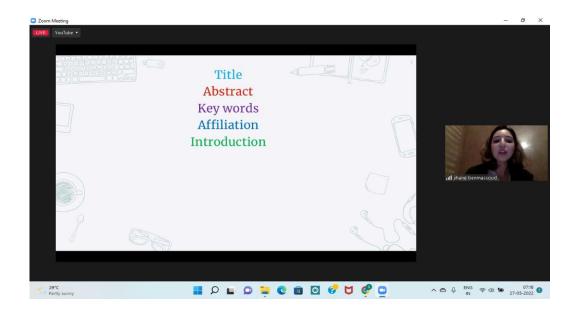
Dr. Jihane Benmassoud

Professor & Department of Tourism and Management
Cadi Ayyad University
ESTE Essaouira, Morocco

Biography:

Jihane Benmassoud is a professor at the School of Technology in Essaouira, Cadi Ayyad University, Morocco, and an associate member of Tanit, a multi-disciplinary research group on gender at Moulay Ismail University, Morocco. She is also a professor in the Global Understanding Program at East Carolina University. She is a Reviewer in different international journals such as English Language Pedagogy Journal and a guest editor in REila Journal of Research and Innovations in Language. She has participated in many national and international conferences as an organizer and a participant, and her previous studies are related to different disciplines including Applied Linguistics, Gender and Media.

Dr. Jihane Benmassoud- Guest Editor Cadi Ayyad University to deliver Guest speech.



8. Keynote Speaker



Prof. Michalis Toanoglou
Professor in Hospitality & Development of International Programs,
Jeonju University South Korea

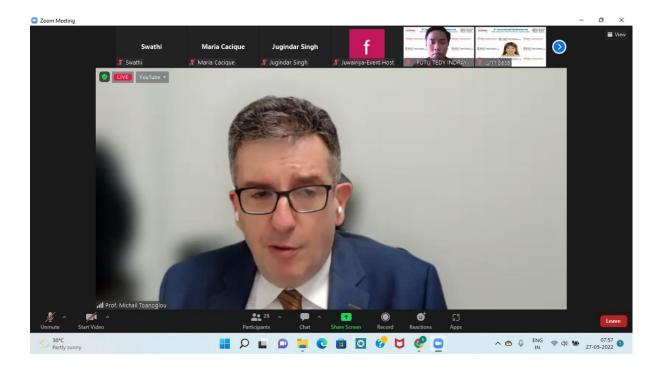
Biography:

I am an experienced tourism and hospitality professional with extensive private and public sector involvement. I havebeen actively involved as a General Manager or Consultant in Destination Sustainable Management and Marketing for regional organizations. I have more than 25 years in managing 4 & 5-star hotels in Greece and I have provided competitive added value in various tourism and hospitality development projects. I also have an academic and research background with fifteen years of teaching experience in tertiary and secondary tourism and hospitality education and being involved in projects in sustainable tourism development and destination management & branding. With significant consulting contribution in private and public sectors, I implemented strategic development projects for regional public authorities and hotel companies. Having essential publications in sustainability and carrying capacity and with a further contribution to international tourism and hospitality conferences I keep an active bond with the global tourism and hospitality academia.

From 2015-April 2021 Head of Department & Assistant Professor, managing and developing the international department of Hospitality and Tourism of Sol International School of Woosong University in Korea. There I developed and launched three postgraduate programs

(MSc and PhD) in International Hospitality, Tourism and Events Management. Recently appointed as Professor of Hospitality and Tourism in Jeonju University with the aim to support the Internationalization of the Hospitality and Tourism undergraduate majors and develop new graduate programs in the related fields.

Dr. Bhanu Pratap Singh - Vice Chancellor, Maharishi University of Information Technology-MUIT to deliver his keynote speech.





Dr. Noor Zaman Jhanjhi

Director & Director & Professor

Center for Smart Society 5.0 [CSS5],

Cluster Head – Cyber Security Cluster,

Taylor #39;s University, Malaysia

Biography:

Prof. Dr Noor Zaman Jhanjhi (NZ Jhanjhi) is currently working as Associate Professor, Director Center for Smart society 5.0 [CSS5], and Cluster Head for Cybersecurity cluster, at School of Computer Science and Engineering, Faculty of Innovation and Technology, Taylor's University, Malaysia. He is supervising a great number of Postgraduate students, mainly in cybersecurity for Data Science. The cybersecurity research cluster has extensive research collaboration globally with several institutions and professionals. Dr Jhanjhi serves as Associate Editor and Editorial Assistant Board for several reputable journals, such as PeerJ Computer Science, Frontier in Communication and Networks. He received Outstanding Associate Editor for IEEE ACCESS for 2020, PC member for several IEEE conferences worldwide, and guest editor for the reputed indexed journals. Active reviewer for a series of top-tier journals has been awarded globally as a top 1% reviewer by Publons (Web of Science). He has high indexed publications in WoS/ISI/SCI/Scopus, and his collective research Impact factor is more than 400 points as of 2021. He has international Patents on his account, edited/authored more than 35 plus research books published by world-class publishers. He has great experience supervising and co-supervising postgraduate students. An ample number of Ph.D. and Master's students graduated under his supervision. He is an external Ph.D./Master thesis examiner/evaluator for several universities globally. He has completed more than 22 internationally funded research grants successfully. He has served as Keynote speaker for several international conferences, presented several Webinars worldwide, chaired international conference sessions, provided Consultancy on several projects internationally. His research areas include Cybersecurity, IoT security, Wireless security, Data Science, Software Engineering, UAVs.

Dr. Noor Zaman Jhanjhi- Director & Samp; Associate Professor Center for Smart Society 5.0 [CSS5], Cluster Head – Cyber Security Cluster, Taylor #39;s University, Malaysia to deliver his keynote speech.



8.SCIENTIFIC PROGRAM

Day	Session	Topic
		Applied Science,
Day 2	Technical Session I	Engineering, Technology
		and other related topics
		Applied Science,
Day 2	Technical Session II	Engineering, Technology
		and other related topics

8.1Technical Session I

- ♣ Biophilic design as an adaptive reuse of the built environment strategy and its impact on people's health and well-being perception. Presentation by Maria Cacique
- ♣ An Analysis of innovative postgraduate training system of international tutor auxiliary education system taking material Science as an example Presentation by Yanan Liu
- ♣ Aesthetic Norms Of Femininity And The Issue Of Colorism In India Presentation by Debbie lalrinawmi
- ♣ Prevalence and factors associated with vitamin D deficiency among Moroccan women of reproductive age Presentation by Lhilali Ilham
- ♣ Investigation of wax deposition driving factors on Crude Oil transportation Pipelines. Presentation by Ballo Mwendapole Lonje
- ♣ Automated Subjective Answer Evaluation System Presentation by Prof Sharayu Ashishkumar Lokhande
- Aknaf Website Presentation by Renad Alrabeea
- ♣ Subsidy and Organizational Performance Post COVID-19 by Yuen Yee Yen
- ♣ An Efficient Architectural Framework For Autonomous Cloud Computing Under Deployment: An User Prospective For Cloud Based E-Learning Presentation by Tanmaya Kumar Das
- ♣ Innovative technologies of mass media materials in learning foreign languages and cultures Presentation by Tazhibaeva Gulsina Tokhtomatovna
- ♣ Key Success Factors of Petrol Subsidy in Malaysia Presentation by Yuen Yee Yen

- ♣ A Study Of Attitude Of Faculty Towards Implementation Of Total Quality Management Practices In The Management Educational Institutes Presentation by Kumud Ranjan
- → Design Analysis Of Hydro-fracture With Reference To the Sandstone Porous Media Of The Upper Assam Basin Presentation by Dr Dhrubajyoti Neog
- ♣ Towards A Service Oriented On-demand Cloud Computing Paradigm for Smart Cities Presentation by Dillip Kumar Mahapatra
- ♣ Surviving In Vicious Cycle of Poverty Presentation by Mohamad Lusfi Yaakob

8.2 Technical Session II

- Clothing Comfort Performance With Relation To Fabric Physical Properties Of Selected Knitted Fabrics Presentation by Suzaini Binti Abdul Ghani
- ♣ Social Security via Takaful Ijtima'i: Beyond Basic Needs Presentation by Noor Ashikin Mohd Rom
- Humanising Working Environment for Sustainable Job Satisfaction: A Case Study of Teaching Engineers in A Malaysian Technical University Presentation by Pratish Mohan
- ♣ Waqf Management For Poverty Alleviation In Bangladesh Towards
 Achieving Sustainable Development Goals Presentation by Dr. Mohammad
 Habibullah "Blended Learning Design of English Language Course in Higher
 Education: A Systematic Review Presentation by Chen Yajie
- Recent improvements in the longitudinal shear resistance in composite slabs: A review by Ali Ibrahim Mohammad Alsarayreh
- → ESL Undergraduates' Perceptions towards the Role of English Subtitles on Vocabulary Learning Presentation by Shafika Zulaikha Mohd Hashim
- ♣ Participants' impact towards Digital Literacy and Competency program: A study on Klik Dengan Bijak (KDB) Program organized by Malaysian Communications and Multimedia Commission by Nurul Nisa Omar
- ♣ An exploration of the effects of Emotional Intelligence, Depression,

- Anxiety and Stress on Work-Life Balance in Royal Malaysia Air Force Presentation by Rogis Baker
- ♣ Effectiveness of Safety Management System for Construction Project in Malaysia Heavy Industry Presentation by Ng Siang Yun
- ♣ Estimating the influence of obsolete curricula on the effective tourism education Presentation by Gaby Khoury
- ♣ Descriptive Study of digital transformation in university education institutions Islamic University of Perlis Malaysia as a model Presentation Dr.Abdulrasheed Olatunji Abdussalam
- ♣ Sentimental Analysis In Healthcare Using Bi-level Feature Extraction with LSTM and TCN Hybrid Model Presentation by Ankit kumar
- ♣ Raindrop Size Distribution Using Photogrammetric Technique Presentation by Samuel Law Lik Ging
- ♣ Potrayal of women in Kyrgyz and American literature is as a reveal of linguaethnic culture by Gulzat Aipova
- ↓ Impact of Perceived usefulness and Service quality on Customer Satisfaction towards Digital Wallet during Covid-19 Pandemic in Nepal Presentation by Raju Bhai Manandhar
- → Synergistic Effect Of Partial Replacement Of Carbon Black (Cb) By Palm Kernel Shell Biochar (Pksbc) In Xnbr Composites Presentation by Zafirah Binti Zainal Abidin
- Learning Elements for Digital Literacy Among Elderly: A Scoping Review Presentation by Najmi Najiha Mohd Zaid
- → Influence of Activated Palm Kernel Shell (APKS) on Curing and Mechanical Properties of Carboxylated Butadiene Rubber (XNBR) Vulcunizates Presentation by Syazwani Aqilah binti Zainal Rashid
- ♣ A Systematic Literature Review on the Usage of Digital Photography at Crime Scene Investigation Process Presentation by Farihan Zahari
- ♣ Sms Spam Detection With Deep Learning Model Presentation by S. Nyamathulla
- Wi-Fi Network Analysis Presentation by Ayush Joshi

- ♣ A Study On Perception Of Working Women Towards Domestic Workers Presentation by Shubha shastri
- ♣ The Effectiveness Of "National Prosperity And Unity Module" Among University Students Presentation by Samsudin Wahab
- HOW WELL EDUCATORS PERFORM: An Analysis of the Licensure Examination for Teachers Results of Education Graduates of Romblon State University Main Campus Presentation by Ruth Mary P. Fallesgon
- ♣ Psychological Needs Satisfaction and Emotional Intelligence of the Maranao Intermediate Pupils Presentation by Jacquelyn Rose A. Fajilagutan

8.3 Most Enjoyed Presentations

8.3.1. Best Paper



Title: Automated Subjective Answer Evaluation System

Name: Prof. Sharayu Lokhande

University/Organization: Computer Engineering

Army Institute Of Technology

Pune, Maharashtra

Abstract:

Abstract—In this paper, we have studied LSTM (Long Short- Term Memory) network and presented a siamese adaptation of it for labelled data composed of variable-length pattern and pairs. Our model first takes in right answer and then assesses semantic similarity between the right answer and the given answer. In order to accomplish these we use word embedding vectors which are supplemented with synonymic information to the LSTMs. These vectors encode the expressed underlying meaning of the sentence which is of fixed size. The wording and syntax are also taken care of. We limit subsequent operations that rely on the simple Manhattan metric. The model's learned sentence representations are compelled to a highly structured space. The geometry of this space represents complex semantic relationships. Our results show that LSTM's can be really powerful language models and are especially suited to tasks which require intricate understanding.

Keywords-RNN, LSTM, NLP





Title: Raindrop Size Distribution Using Photogrammetric Technique

Name: Samuel Law Lik Ging

University/Organization: Faculty of Engineering, Computing and Science, Swinburne University of Technology Sarawak Campus, Jalan Simpang Tiga, 93400, Kuching, Sarawak, Malaysia;

Abstract:

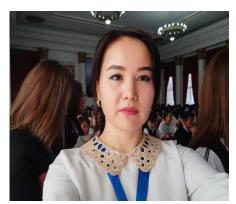
Rainfall erosivity and rainfall kinetic energy are predominantly affected by the rainfall droplet size distribution characteristics. This paper aims to determine the raindrop size distribution with different rainfall intensities in East Malaysia using photographic method and MATLAB image processing tools. A total of five natural rainfall intensities of different ranges were analysed: 5.51 mm/hr, 14.20 mm/hr, 28.80 mm/hr, 32.41 mm/hr and 58.11 mm/hr. A digital camera with fast capturing mode was used to capture falling raindrops and the droplets were then processed in MATLAB to determine the raindrop size distribution. It was found that the captured raindrop diameters were within the range of 0.1 mm and 5.0 mm, and a higher portion of the raindrops fell between 0.1 mm and 1.0 mm. The results also showed that higher rainfall intensities would promote the formation of larger raindrop sizes, i.e., from 1.0 mm to 5.0 mm, and lower rainfall intensities tended result in higher drop counts in smaller raindrop sizes of <1.0 mm. The modified image processing tools of MATLAB had proven the shorter analysis duration and higher accuracy of the raindrop size

determination than the human visual system. The findings have demonstrated the capability of photogrammetric techniques for determinations of raindrop size distribution.

Keywords- Processing, Photogrammetry, Rainfall Intensity, Rainfall Kinetic Energy.



8.3.2Best Paper Presentation



Title: Innovative Technologies of Mass Media Materials

in Learning Foreign Languages and Cultures

Name: Tazhibaeva Gulsina

University/Organization: Osh State University

Abstract:

The Article Discusses Modern Innovative Technologies of Mass Media such as an Electronic Library, Online Testing Project Methodology, The Use of New Information Technologies, Internet Resources Help to Implement a Student-Centered Approach in Teaching a Foreign Language For Self-Taught. In English Lessons With The Help of Innovative Technologies, it is Possible to Solve a Number of Didactic Tasks: to Form Reading Skills and Abilities Using the Materials of the Global Network; Improve the Writing Skills of Students; Replenish Students' Vocabulary; to Form Students' Motivation to Learn English on their

own, to Broaden the Horizons of Students, to Establish and Maintain Business Connections and Contacts With Their Colleagues in English-Speaking Countries.

Keywords— Urban Design, Design-Development Competitions, Students, and Collaboration.





Title: The Need Analysis Of The Development Of Tri Hita Karana-Based Biological Learning Modules In Secondary Schools: A

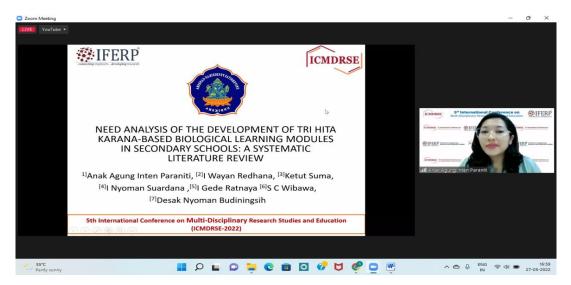
Systematic Literature Review **Name:** Anak Agung Inten Paraniti

University/Organization: Ganesha University of Education

Abstract:

The characteristics of biology learning that study living things and their environment are closely related to the wisdom of the Balinese people, especially Tri Hita Karana in an effort to achieve harmony. Preservation of local wisdom values of Balinese people needs to be developed and integrated into the Tri Hita Karana (THK) perspective biology learning module to be used as a companion teaching material by teachers and students who can motivate students to learn independently outside the classroom. This journal analysis study uses the PRISMA (Preferred Reporting Item for Systematic Review and Meta-Analysis) Systematic Literature Review (SLR) method through the ERIC, Springer, Wiley, and BASE search engines from 2017 to 2021. Articles that meet the inclusion and exclusion criteria are reputable articles at international and national levels, namely articles included

in the journals Q1, Q2, Sinta 1, and Sinta 2. 13 quality journals were analyzed in the full text further to support the purpose of this study. The results of the full-text SLR journal state that 1) various types of development of innovative biology learning modules have been carried out in high school; 2) PBL is mostly used as a module development approach and the 4D model is the most dominant development model chosen. The most widely developed biological material in the module is material with environmental topics. Materials that can be further developed are biological materials that are integrated with community culture, such as Tri Hita Karana, because from the SLR results, no module development is found that is integrated with culture.



9.VALIDICTORY

In the Valedictory best paper and best paper Presentation of 5th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2022) was announced.

9.1 Best paper award

Conference Day	Paper Title	Author Name
Day 1	FAILURE ANALYSIS OF EX-SPOOL 16" MOL: An insight of Machine Learning and Experimental Result	Taufik Aditiyawarman
Day 1	Design of An Active element-based Class-J Power Amplifier for 5G Wireless Communication Applications	Nagisetty Sridhar
Day 2	Automated Subjective Answer Evaluation System	Prof. Sharayu Lokhande
Day 2	Raindrop Size Distribution Using Photogrammetric Technique	Samuel Law Lik Ging

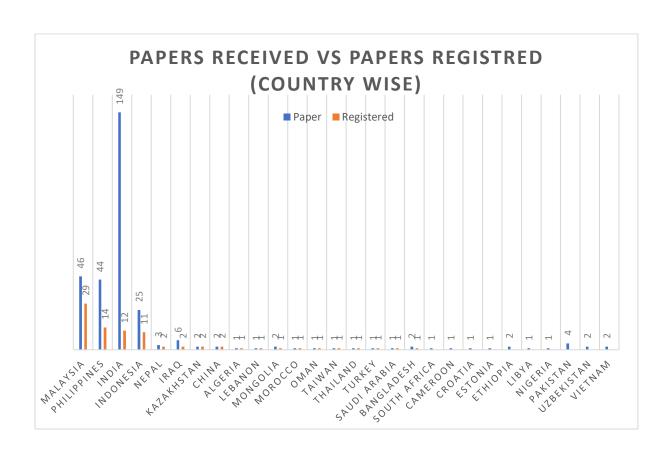
9.2 Best paper Presentation award

Conference Day	Paper Title	Author Name
Day 1	Urban Design Competitions in Asia and its Impact from Students Perspective	Job Tabamo Barallas
Day 1	A Deep Learning Framework for Auto Detection of Hate Speech On SocialMedia	Mr. Varun Gupta
Day 2	Innovative Technologies of Mass Media Materials in Learning Foreign Languages and Cultures	Tazhibaeva Gulsina
Day 2	The Need Analysis Of The Development Of Tri Hita Karana-Based Biological Learning Modules In Secondary Schools: A Systematic Literature Review	Anak Agung Inten Paraniti

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Country	Paper Count	Registered Count
Malaysia	46	29
Philippines	44	14
India	149	12
Indonesia	25	11
Nepal	3	2
Iraq	6	2
Kazakhstan	2	2
China	2	2
Algeria	1	1
Lebanon	1	1
Mongolia	2	1
Morocco	1	1
Oman	1	1
Taiwan	1	1
Thailand	1	1
Turkey	1	1

Saudi Arabia	1	1
Bangladesh	2	1
South Africa	1	
Cameroon	1	
Croatia	1	
Estonia	1	
Ethiopia	2	
Libya	1	
Nigeria	1	
Pakistan	4	
Uzbekistan	2	
Vietnam	2	
Total	305	84



11.VOTE OF THANKS:

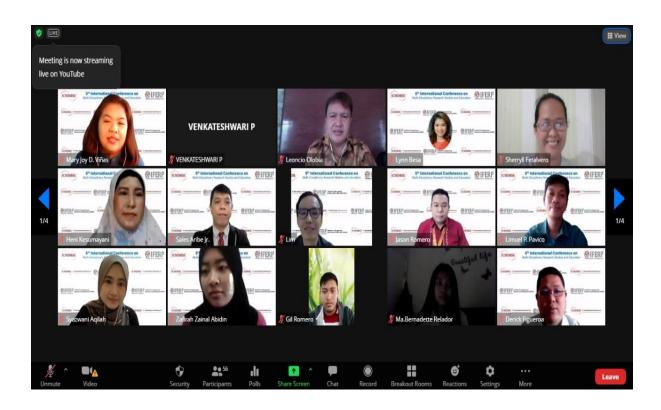
On behalf of IFERP I heartily thank all the delegates and students who have contributed to the conference success. The conference, which focused on Discover the Difference and Exceeding the Vision in multidisciplinary research studies and it was a great success where eminent keynote speakers from various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

We take this opportunity to thank all of the speakers, delegates, and participants for your vital support and time for the ICMDRSE-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 of 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.

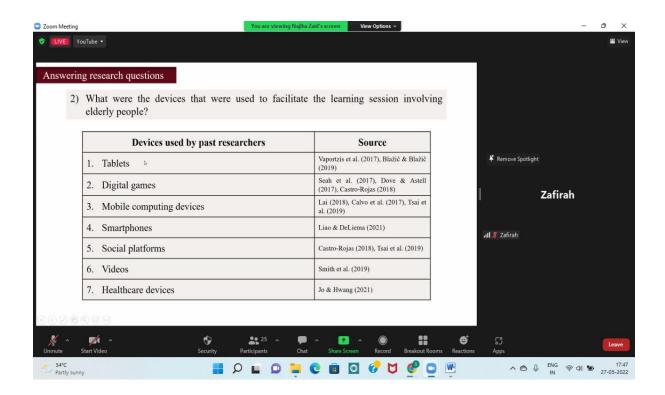
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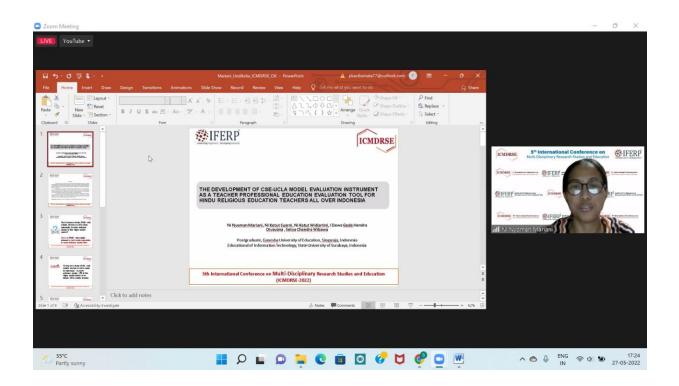


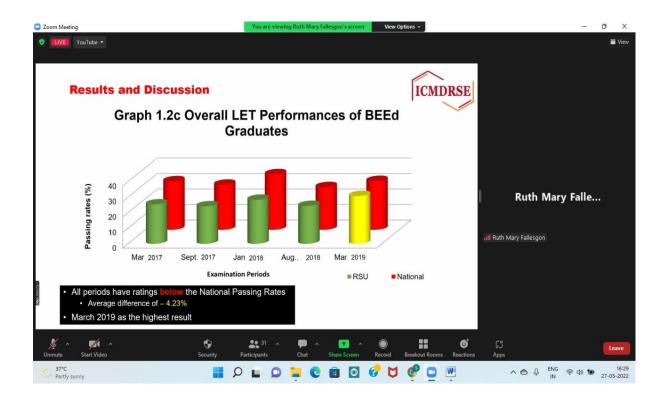


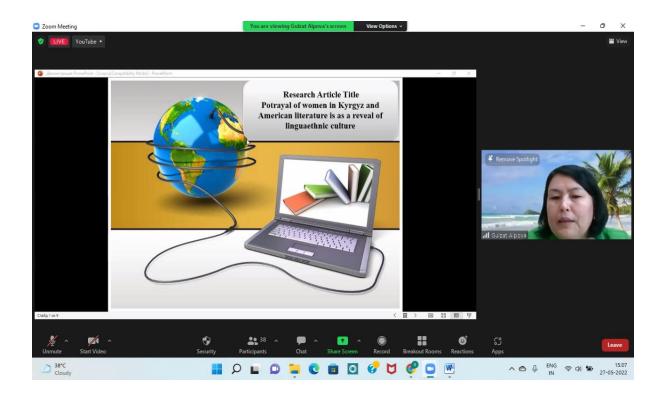


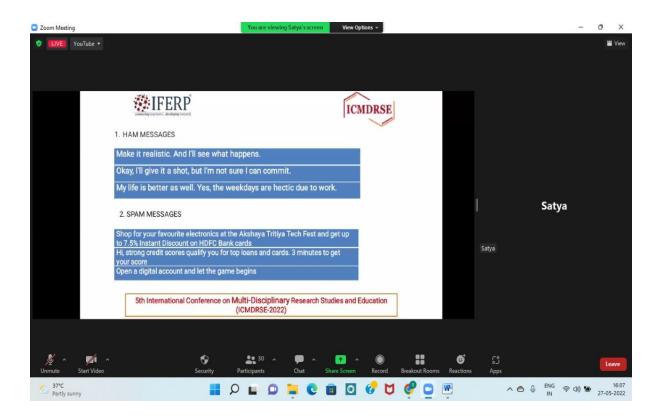


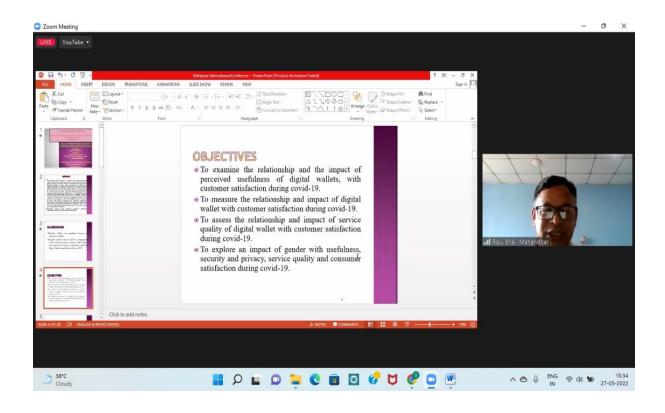




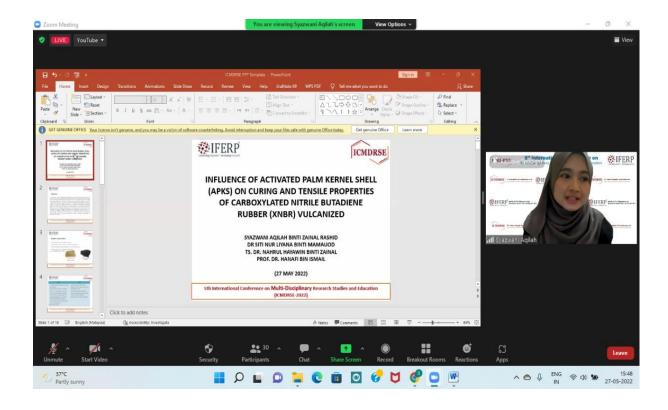


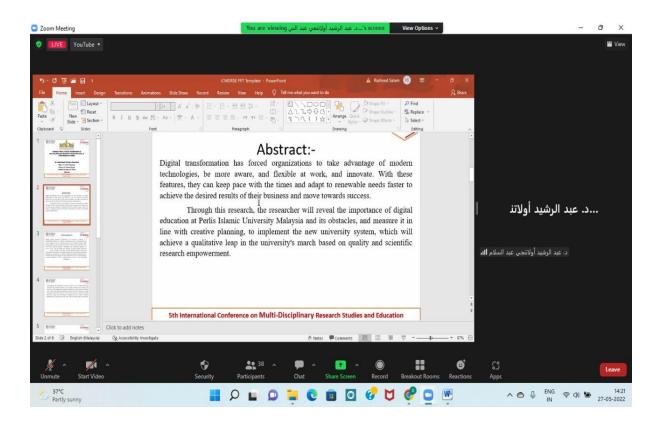






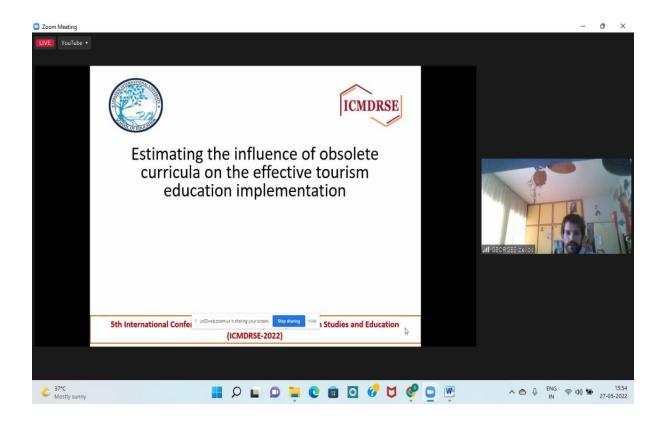


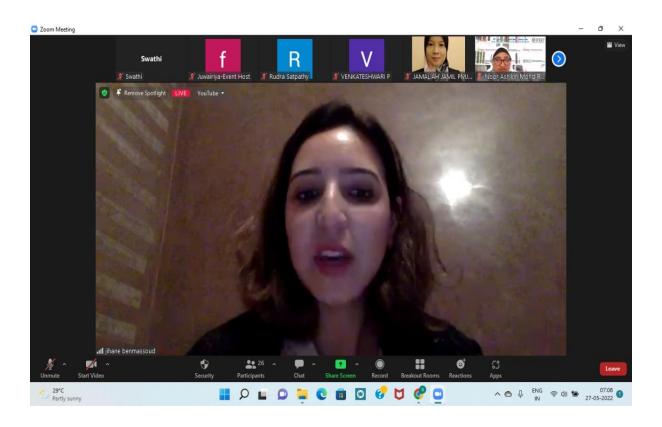


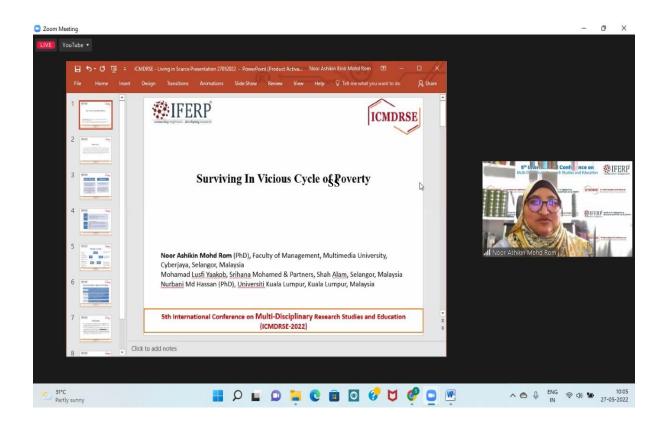


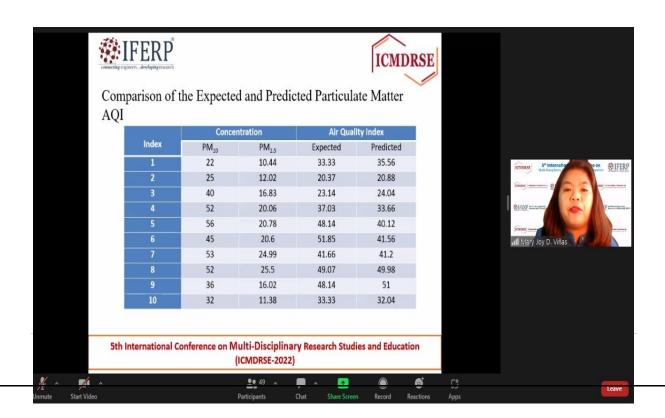


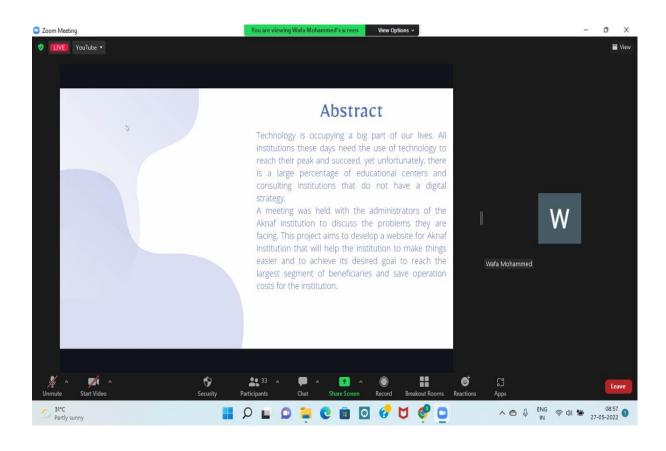






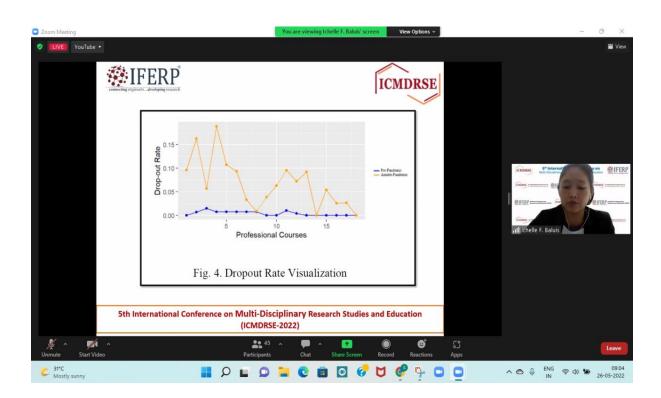




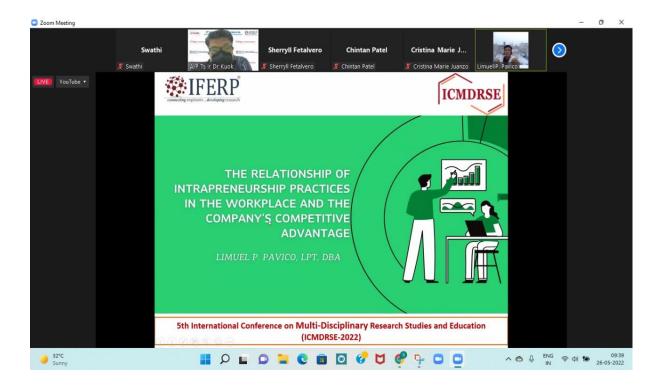


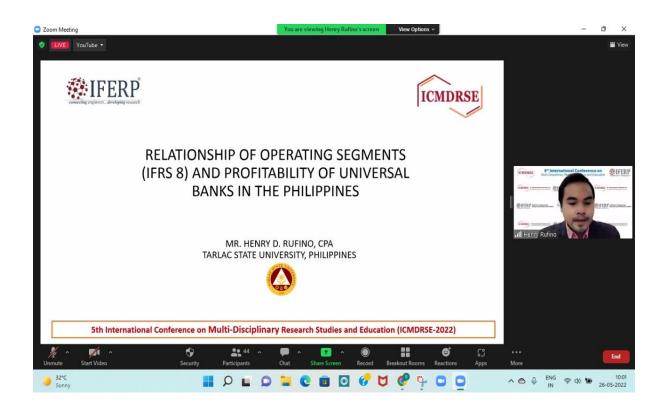












Our Associates





















Conference Documents

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Conference Background



5th International Conference onMulti-Disciplinary Research Studies and Education





















Conference Day Feedback

Name	Universit y	Countr y	overall	Comme nts	Comme nts	Commen ts	Overall Organiz ation	Confere nce Registr ations	Spea ker Qualit y
Jamalia h Jamil	Universiti Teknolog i Malaysia	Malay sia	Yes- definite ly	Good platform for young researc hers to present and publish their researc h work.	Many presente rs possess good talent and decent research aptitude. Wish them all success in their studies.	Excellent platform for young research ers across the world to present and publish their research works. The organize	Very Good	Very Good	Very Good

						r really pays attention by celebrating the ideas of diversity and acknowl edging the need for community inclusive ness regardle ss of their national origin, belief system, cultural differences, values etc. Keep it up ICMDRS E!			
Nunu	Universit y science Islam Malaysia	Indone sia	Yes- definite ly	Overall the confere nce was very good	Overall the speaker s were very interesti ng and next I sugest on of them is from edocatin al ecpert	Comunic ative, informati ve and very well. So all oke	Very Good	Very Good	Very Good

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Job Tabamo Barallas	King Mongkut' s Universit y of Technolo gy Thonburi	Thaila nd	Satisfa ctory	It was good and very producti ve confere nce. Everyon e was given 10 minutes to present. I hope there's people who could really ask question s.	•		Very Good	Very Good	Very Good
Ichelle Baluis	Universit y of the Cordiller as	Philipp ines	Yes- definite ly	More than satisfact ory	More than satisfact ory	More than satisfact ory	Very Good	Very Good	Very Good
Hari Lal Mainali	TU	Nepal	Satisfa ctory	Satisfac tory	Satisfact ory	More than satisfact ory	Very Good	Very Good	Good
PRATIS H MOHA N	Universiti Teknikal Malaysia Melaka	Malay sia	Satisfa ctory	Good	Many interesti ng presenta tions, many things learnt	Well- organize d	Good	Good	Good
Derick Figuero a	Tarlac State Universit y	Philipp ines	Satisfa ctory	Well organiz ed and organiz ers are responsi ve.	Time given is enough for a research presenta tion	Time schedule was not met. Transitio n of the program is not that smooth.	Good	Very Good	Very Good

Amarjar gal Sukhra gchaa	National Universit y of Commer ce and Business	Mongo lia	Yes- definite ly	More than satisfact ory	More than satisfact ory	More than satisfact ory	Very Good	Very Good	Very Good
Heni Kesuma yani	Universit as Negeri Jakarta Indonesi a	Indone sia	Yes- definite ly	The confere nce is very good	Many of them are good speaker s	The conferen ce organizat ion is very good	Very Good	Very Good	Good
Mary Joy D. Viñas	Technolo gical Institute of the Philippin es	Philipp ines	Yes- definite ly	More than satisfact or	More than satisfact ory	More than satisfact or	Very Good	Very Good	Very Good
Henry D. Rufino	Tarlac State Universit y	Philipp ines	Yes- definite ly	Great!	Very Good!	Good!	Very Good	Very Good	Very Good
Ruth Mary Fallesg on	Romblon State Universit y	Philipp ines	Yes- definite ly	None	None	None	Good	Very Good	Very Good
Sherryll Fetalver o	Romblon State Universit y	Philipp ines	Yes- definite ly	very good. it gives opportu nity to researc hers of in the different fields to share and learn at the same time	i learned so much from the different speaker s and paper presenta tions	inclusive. diverse. the best.	Very Good	Very Good	Very Good

Chenyaj ie	UTM	Malay sia	Yes- definite ly	quite informe d and knowleg eable	It is well organize d and informed . It is great honor to have this opportun ity to communi cate with research ers from all over the world. It is really enlighten ing.	Very Good	Very Good	Very Good
Prof. Sharay u Ashishk umar Lokhan de	Army Institute of Technolo gy, Savitribai Phule Pune Universit y	India	Yes- definite ly	Very Good	Very Good	Very Good	Very Good	Very Good
Tazhiba eva Gulsina	Osh State Universit y	Kyrgyz stan	Yes- definite ly	Very well	very good!	Very Good	Very Good	Very Good
PRATIS H MOHA N	Universiti Teknikal Malaysia Melaka	Malay sia	Satisfa ctory	Well done	Okay	Good	Good	Good
Derick Figuero a	Tarlac State Universit y	Philipp ines	Satisfa ctory	Great confere nce.	The conferen ce is too much late than its schedule d time.	Good	Very Good	Good

Raju Bhai Manand har	Tribhuva n Universit y	Nepal	Satisfa ctory	Satisfac tory	More than satisfact ory	Very Good	Good	Good
Ida Bagus Ari Arjaya	Universit as Mahasar aswati Denpasa r	Indone sia	Satisfa ctory	overall its a good confere nce, i had new experie nce here. hopefull y the commite e can focus held educatio n confere nce for the next confere nce	overall its good	Good	Good	Good
Amarjar gal Sukhra gchaa	National Universit y of Commer ce and Business	Mongo lia	Yes- definite ly	More than satisfact ory	More than satisfact ory	Very Good	Very Good	Very Good
Mary Joy D. Viñas	Technolo gical Institute of the Philippin es	Philipp ines	Yes- definite ly	More than satisfact ory	More than satisfact ory	Very Good	Very Good	Very Good
Henry D. Rufino	Tarlac State Universit y	Philipp ines	Yes- definite ly	Great!	Great!	Very Good	Very Good	Very Good
Debbie Lalrina wmi	National Institute of Technolo gy Mizoram	India	Satisfa ctory	satisfact ory	satisfact ory	Fair	Fair	Faire what

Ruth Mary Fallesg on	Romblon State Universit y	Philipp ines	Yes- definite ly	None	None	Good	Very Good	Very Good
Sherryll Fetalver o	Romblon State Universit y	Philipp ines	Yes- definite ly	awesom e	one of the best organizat ions that cater to research growth	Very Good	Very Good	Very Good
Ballo Mwend apole Lonje	China Universit y of Petroleu m	China	Yes- definite ly	more than satisfact ory	more than satisfact ory	Very Good	Very Good	Very Good

Speaker Feedback

Overall , how was the Webina r?	After the event, how inspire d did you feel ?	Would you recommen d a similar event to a friend?	Speaker 1 (Interesting and entertainin g)	Speaker 2 (Interesting and entertainin g)	Speaker 3 (Interesting and entertainin g)	Speaker 4 (Interesting and entertainin g)	Message
10	10	Yes- definitely	Definitely	Definitely	Definitely	Definitely	enlightening
10	10	Yes- definitely	Mostly	Somewhat	Somewhat	Mostly	-
10	10	Yes- definitely	Definitely	Definitely	Definitely	Definitely	Wish you good luck!
7	6	Yes- definitely	Mostly	Mostly	Mostly	Somewhat	Please write all author

7	7	Yes- definitely	Mostly	Mostly	Mostly	Mostly	Thank you for the opportunity to present.
9	7	Yes- definitely	Mostly	Definitely	Definitely	Mostly	It my pressure to present my paper in 5 th International conference. I am really glad to be a part of the organization. Congratulations for successful conducted the conference. Finally, I would like to thank you for giving me opportunity the platform to present paper.
10	10	Yes- definitely	Definitely	Definitely	Mostly	Mostly	Please write all author
9	9	Yes- definitely	Mostly	Mostly	Mostly	Mostly	Thank you for the opportunity! God bless.
8	8	Yes- definitely	Definitely	Definitely	Definitely	Definitely	sir, in my certificate, my name is not written in full. If it can be corrected, i would be really grateful

10	9	Yes- definitely	Definitely	Definitely	Definitely	Definitely	thank you so much for the opportunity. It is my first time to present in you conference. it was really a learning experience that motivated me to conduct more researches to
							help the community

END