**10<sup>TH</sup> INTERNATIONAL** GRADUATE CONFERENCE ON ENGINEERING, SCIENCE AND HUMANITIES

## " TOWARDS SUSTAINABLE FUTURES: INNOVATIONS AND COLLABORATIONS IN A CHANGING WORLD "

DGRAN

## 27<sup>TH</sup> & 28<sup>TH</sup> AUGUST 2024 ICGESH 2024

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## UNIVERSITI TEKNOLOGI MALAYSIA

Organised by:

**IGCESH 2024** 

Sponsored by:

Coz



MALAVSIA

\* TOWARDS SUSTAINABLE FUTURES: INNOVATIONS AND COLLABORATIONS IN A CHANGING WORLD \*

## **ABOUT IGCESH 2024**

International Graduate Conference on Engineering, Science and Humanities (IGCESH) is a biennial postgraduate conference organized by the UTM Postgraduate Student Society (PGSS-UTM) in collaboration with the School of Graduate Studies, UTM. It provides a forum for accessing the most up-to-date and authoritative knowledge from graduate students' research findings covering both the industrial and academic world's thereby sharing best practices in the fields of Engineering, Sciences and Humanities. With the conference theme "Towards sustainable Futures: Innovations and Collaborations in a Changing World", IGCSEH 2024 aims to provide an avenue to highlight recent developments and to identify emerging and future areas of growth in these exciting fields. The conference was held at Universiti Teknologi Malaysia (UTM), Johor Bahru, Johor, Malaysia from 27th to 28th August 2024 and participated by all postgraduate students and researchers across different sectors.

#### VISION

Our vision is a world where sustainability is at the core of every decision, innovation, and collaboration. We envision a future where global communities work together to create and implement solutions that not only meet the needs of the present but also protect and enhance the prospects of future generations. Through this conference, we aspire to contribute to a global movement that prioritizes environmental stewardship, social equity, and economic vitality, ensuring a sustainable and thriving world for all.

#### MISSION

- To create a platform for communication and collaboration of researchers from different universities
- To explore and promote sustainable solutions that address the pressing challenges of our changing world among researchers by sharing knowledge and findings
- To inspire action and empower researchers to drive transformative change towards a more sustainable and resilient future.
- To enhance presentation skills and provide publication opportunities to researchers

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## FOREWORD

#### VICE-CHANCELLOR

#### UNIVERSITI TEKNOLOGI MALAYSIA

Assalamualaikum wm. wbt, Salam Sejahtera, and Salam UTM Sanjungan Bangsa.

Welcome to the 10th International Graduate Conference on Engineering, Science & Humanities (IGCESH) 2024. Organized by the UTM Postgraduate Society, this event highlights our dedication to sharing knowledge and working together on research.



We are honoured to have Yang Berhormat Nik Nazmi Nik Ahmad, Minister of Natural Resources and Environmental Sustainability, here to officiate the conference. Your presence emphasizes the importance of our shared commitment to a sustainable future.

This year's theme, "Towards Sustainable Futures: Innovations and Collaborations in a Changing World," is not just a title but a call to action. It reflects the challenges and opportunities we face today. To address these, we need new ideas and teamwork across different fields.

At UTM, we believe in the power of collaboration. This conference is an excellent example of how we bring together engineering, science, and the humanities to solve global problems.

One of the conference's strengths is the diversity of participants. Researchers, practitioners, and students from various fields and countries have come together to enrich the deliberation of ideas. Your contributions are vital to tackling the challenges ahead.

As we participate in the sessions, let's remember the broader impact of our work. Every piece of research presented here has the potential to benefit society and promote sustainability. I sincerely thank the organizing committee, speakers, and each and every participant for their efforts in making this conference possible.

Your time here is productive and inspiring, leading to innovative solutions and lasting partnerships.

#### Thank you.

In the Name of God for Mankind

#### PROF. DATUK IR. TS. DR. AHMAD FAUZI BIN ISMAIL

Vice-Chancellor

TOWARDS SUSTAINABLE FUTURES: INNOVATIONS AND COLLABORATIONS IN A CHANGING WORLD "

# WELCOMING MESSAGE, GENERAL CHAIR, IGCESH 2024

Assalamualaikum w.b.t and Warm Greetings,

It is with great pleasure that I extend my warmest welcome to all the esteemed researchers, postgraduate students, and participants from around the globe to the 10th International Graduate Conference on Engineering, Science, and Humanities (IGCESH 2024). This biennial event is a significant platform for knowledge exchange, fostering collaboration, and inspiring innovation across various fields of study.

The theme for this year, "Towards Sustainable Futures: Innovations and Collaborations in a Changing World," reflects our collective commitment to addressing the pressing challenges of our time while paving the way for a brighter future through interdisciplinary research. As we gather to share our insights and discoveries, I am confident that the discussions and exchanges that will take place here will contribute significantly to advancing our understanding and practices in these critical areas.

I would like to take this opportunity to express my heartfelt gratitude to our organizing committee, the School of Graduate Studies, Universiti Teknologi Malaysia (UTM), our keynote speakers, session chairs, and all participants for their dedication and hard work in making this conference a reality. Your contributions are invaluable, and I am certain that IGCESH 2024 will be a rewarding experience for all.

May this conference be a catalyst for new ideas, meaningful collaborations, and impactful research that will shape the future of education and beyond. I wish you all a productive and enriching conference.

#### Thank you.

#### Dr Norah Binti Md Noor

General Chair, 10th International Graduate Conference on Engineering, Science, and the Humanities (IGCESH)



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# WELCOMING MESSAGE, CHAIRPERSON, IGCESH 2024

Assalamualaikum wbt and warm greetings,

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On behalf of the committee, I would like to extend my sincere gratitude and appreciation to the Honourable YB Nik Nazmi Nik Ahmad, Minister of Natural Resources and Environmental Sustainability, for officiating IGCESH 2024, and to the Honourable Professor Datuk Ir. Ts. Dr. Ahmad Fauzi bin Ismail, Vice-Chancellor of Universiti Teknologi Malaysia (UTM), for his insightful welcoming remarks. I would also like to thank our keynote speakers, Dr. Pramila Tamunaidu, Research Fellow at the Malaysia-Japan Advanced Research Centre (MJARC) and Malaysia-Japan International Institute of Technology (MJIIT), and Associate Professor Ts. Dr. Azanizawati Ma'aram, Deputy Dean (Academic & Student Affairs), Faculty of Mechanical Engineering UTM and also not forgetting the backbone of IGCESH 2024, IGCESH 2024 General Chair, Dr Norah Md Noor. Additionally, I extend my appreciation to our Main Sponsor, Proofreading by a UK PhD, the School of Postgraduate Studies Universiti Teknologi Malaysia (SPS UTM), the Postgraduate Student Society (PGSS UTM), IGCESH 2024 committee members, and all conference attendees who have contributed directly or indirectly to the organization of the 10th International Graduate Conference on Engineering, Science, and the Humanities (IGCESH).

It is a great pleasure to warmly welcome graduate students, researchers, and distinguished guests from across the globe to this 10th IGCESH conference, where we gather to discuss and explore the theme, "Towards Sustainable Futures: Innovations and Collaborations in A Changing World." This theme has been chosen to emphasize the critical importance of sustainability in our rapidly evolving world and the need for innovative solutions and collaborative efforts to secure a better future for all.

This conference is a unique platform where knowledge from various disciplines converges to foster creativity, inspire innovation, and promote sustainable practices. The diverse insights and perspectives shared by keynote speakers, presenters, and participants will undoubtedly contribute to advancing our collective understanding and efforts toward sustainable and innovative collaborations.

As we gather in this virtual space, it is important to recognize that the success of IGCESH 2024 has been made possible by the generous support of our sponsors, the commitment of the IGCESH General Chair, the steadfast assistance from the UTM School of Graduate Studies (SPS UTM), and the dedication of the IGCESH 2024 committee members. I am truly thankful for their ongoing support, which has been crucial in bringing this event to fruition.

## • TOWARDS SUSTAINABLE FUTURES: INNOVATIONS AND COLLABORATIONS IN A CHANGING WORLD "

I hope that IGCESH 2024 provides you with valuable insights, knowledge, and experiences that will be beneficial both professionally and personally. We also look forward to welcoming you to future editions of IGCESH. Thank you, and may this conference be a fruitful and inspiring experience for all.

Evarina Amiron,

Chairperson, 10th International Graduate Conference on Engineering, Science, and the Humanities (IGCESH)



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## **BIOGRAPHY OF KEYNOTE SPEAKER**

Dr. Azanizawati Ma'aram is a distinguished academic and expert in Supply Chain Management, Lean Manufacturing, Ergonomics, and Safety. She currently serves as an Associate Professor at the Faculty of Mechanical Engineering, Universiti Teknologi Malaysia (UTM), where her contributions to both academia and industry have been widely recognized.

Dr. Azanizawati holds a PhD in Operations and E-Business Management from the University of Liverpool, UK (2011), a Master of Engineering in Advanced Manufacturing Technology (2003), and a Bachelor of Engineering in Mechanical-Industrial (2000), both from Universiti Teknologi Malaysia. Her academic journey reflects a commitment to advancing engineering and management disciplines, with a particular focus on optimizing operational processes and cutting-edge manufacturing techniques.



Since October 2022, Dr. Azanizawati has been the Director of the Department of

Materials Manufacturing & Industrial Engineering at UTM, leading strategic initiatives, research projects, and academic programs. Her excellence in education has earned her numerous accolades, including the Supply Chain Management Teaching Excellence Award at the 3rd Asia Pacific IEOM Conference in 2022 and the Best Paper Award at iMedist 2021.

In addition to her academic roles, Dr. Azanizawati has made significant impacts in industry through her consultancy work. She has led key projects, such as those with ASEAN NCAP, where her focus on safety and ergonomic designs has enhanced automotive safety standards across the region. Her research is internationally acclaimed, and she is a sought-after keynote speaker at global engineering and manufacturing conferences. Dr. Azanizawati also contributes as an editor and reviewer for prestigious journals and conferences, further advancing knowledge in her field.

Dr. Azanizawati Ma'aram's work seamlessly integrates academic rigor with practical application, establishing her as a leader in her field. Her ongoing contributions to Supply Chain Management, Lean Manufacturing, Ergonomics, and Safety continue to shape the future of both engineering education and industry practices worldwide.

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## **BIOGRAPHY OF KEYNOTE SPEAKER**

Dr. Pramila Tamunaidu is a distinguished researcher, educator, agrarian and sociopreneur at the Malaysia-Japan International Institute of Technology (MJIIT), Universiti Teknologi Malaysia (UTM). With the support from MJIIT and Ministry of Higher Education (MoHE), she set up Malaysia Japan Advanced Research Center (MJARC) in Eduhub Pagoh in 2018, where she leads numerous ground breaking research initiatives focused on

specializing in transitioning waste into products and energy, circular bioeconomy, championing organic farming and sustainable development goals. She and her team concentrate in efforts towards zero hunger and zero waste. Being born and bred in a rubber plantation, agriculture and sustainable development runs in her blood with strong belief on cradle-to-cradle concept and shared prosperity.



Dr. Pramila's academic credentials include a Doctorate in Energy Science from Kyoto University, Japan, a Master of Science in Chemical Engineering, and a Bachelor of Engineering in Chemical Engineering, both from Universiti Sains Malaysia. Her education laid the foundation for a career dedicated to addressing some of the most pressing

environmental challenges of our time, particularly in the areas of waste-to-energy conversion, sustainable palm oil production, and biodegradable packaging. Her academic and professional journey is marked by a commitment to innovation, sustainability, and the advancement of knowledge in her field with numerous academic papers, book chapters and IP. Besides MJARC, she is also an associate fellow of Disaster Preparedness and Prevention Centre (DPPC) assisting in areas of food security and post disaster waste management.

Throughout her career, Dr. Pramila has held various roles that underscore her expertise and leadership. She has been actively involved in teaching, research, and consultancy, contributing significantly to the university's reputation in research-development-innovation- commercialization-economy (RDICE). Her prior tenure at Kyoto University as a Postdoctoral Fellow with successful collaborations with industry leaders like Kansai Electric Power Company and the Japan Science and Technology Agency helped to grow as a researcher today.

Dr. Pramila's professional experience extends beyond academia. She has served as a Senior Process & Safety Engineer playing crucial roles in oil and gas sector and involved in key contributions to feasibility studies for Qatar Petroleum.

Her research portfolio is extensive and impactful, with significant projects including being the Chair of the upcoming Asia Pacific Landfill Symposium in Association with AUN/SEED-Net Regional Conference (APLAS 2024) and the promotion of regional waste management research under the Japan-ASEAN Science Technology and Innovation Platform (JASTIP). She has also been a leading figure in sustainable campus initiatives at UTM, including her role as the Head of SDG 12 for the UTM Campus Sustainability Blueprint.

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In addition to her research, Dr. Pramila is a sought-after speaker and expert panelist. She has delivered numerous invited talks in media, international conferences, webinars, and symposiums, sharing her insights on diverse topics from sustainability to collaborations and networking. Her contributions have earned her several prestigious awards, including the Leaders in Innovation Fellowships by the Royal Academy of Engineering, UK.

Dr. Pramila is also an active member of several professional organizations, including the International Solid Waste Association, the Waste Management Association of Malaysia, and Institution of Chemical Engineers. Her work continues to inspire and lead the way towards a more sustainable future, both in Malaysia and globally.

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#### PUBLICATION

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Norliyana binti Md Aris

Nur Syahirah Faiha Shawalludin

Abdullahi Yusuf

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## **PROGRAM TENTATIVE**

#### Day 1: 27th AUGUST 2024 (Tuesday) 9.30 AM to 4.15 PM (MYT) Online via WEBEX

9.15 AM- 9.30 AM : Participant / Audience Online Registration **OPENING CEREMONY** 9.30 AM - 9.35 AM : Welcoming Remarks by Master of Ceremonies (MC), Ms. Sumita Thiyagarajan 9.35 AM - 9.40 AM : Recitation of Du'a by IGCESH Committee, Mr Muhammad Widad bin Sabab 9.40 AM – 9.45 AM : Malaysian National Anthem - Negaraku 9.45 AM - 10.00 AM : Opening Ceremony Welcoming Remarks Video Professor Datuk Ir. Ts. Dr. Ahmad Fauzi bin Ismail, Vice Chancellor, Universiti Teknologi Malaysia (UTM) 10.00 AM - 10.15 AM : Opening Ceremony Officiating Speech Video YB Nik Nazmi Nik Ahmad, Minister of Natural Resources and Environmental Sustainability 10.15 AM - 11.15 AM : Keynote Speech 1 Dr Pramila Tamunaidu Research Fellow, Malaysia-Japan Advanced Research Centre (MJARC), Malaysia Japan International Institute of Technology (MJIIT). Universiti Teknologi Malaysia 11.15 AM -11.20 AM : Group Photo End of Opening Ceremony Program 11.20 - 11.30 AM : Short Break Participants' entry into Parallel Session rooms PARALLEL SESSION 11.30 AM - 12.45 PM : Parallel Session 1 : Engineering Parallel Session 2 : Science & Technology Parallel Session 3 : Social Science 12.45 PM - 2.30 PM : Lunch Break and Zuhr Prayer

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2.30 PM - 4.15 PM	: Parallel Session 1 : Engineering
	Parallel Session 2 : Science & Technology
	Parallel Session 3 : Social Science
	End of 1st Day IGCESH 2024

### Day 2: 28th AUGUST 2024 (Wednesday) 9.30 AM to 3.30 PM (MYT) **Online via WEBEX**

9.00 AM - 9.30 AM	:	Participant Online Registration
PARALLEL SESSION 9.30 AM – 12.00 PM	:	Parallel Session 3 : Social Sciences
12.00 PM – 2.00 PM	:	Lunch Break and Zuhr Prayer
CLOSING CEREMONY		
2.00 PM – 3.00 PM	:	Welcoming Remarks by Master of Ceremonies (MC), Ms. Nur Aqila binti Kadir Hussein Keynote Speech 2 Associate Professor Ts. Dr Azanizawati Ma'aram Deputy Dean (Academic & Student Affairs), Faculty of Mechanical Engineering, Universiti Teknologi Malaysia
3.00 PM – 3.10 PM	:	Closing Speech Dr Norah Md Nor, IGCESH 2024 General Chair
3.10 PM – 3.30 PM	:	Closing Remarks and Announcement of Winners for Best Presenter and Best Paper in Engineering, Social Sciences and Science & Technology categories Ms Evarina Amiron, IGCESH 2024 Chairperson
3.30 PM	:	Group Photo Session UTM Song End of IGCESH 2024 Conference

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## PARALLEL SESSION SCHEDULE (IGCESH 2024)

### First Day: 27th August 2024 (Tuesday)

#### Venue: Online (Cisco Webex)

FIRST PARALLEL SESSION (11.30am - 12.45pm)

#### a) Engineering

Chairperson : Nur Ilyana binti Kamis

Timekeeper : Ms Natasya Izswani Zairulnizam

Technical : How Chee Yang

Time	Paper ID	Presenter	Title	Evaluator(s)
11:30 am – 11:45 am	13	Muhammad Ilham Ahmad Zaini	Sensitivity Of Graphene Oxide Coated Tapered No-Core Fibre Sensor For Uric Acid Detection	Ir. Ts. Dr. Wan Fahmin Faiz bin Wan Ali
11:45 am – 12:00 pm	14	Oday Abdulsattar	Implementation Of A Hybrid PID Controller Based On Genetic Algorithms For Modular System Position Control	
12:00 pm – 12:15 pm	31	Puteri Mawardati Yasir	Relationship Between Safety Culture And Safety Performance In SME Malaysia	

#### b) Science and Technology

Chairperson : A'faf A'qilah binti Ismail

Timekeeper : Nisriin Shabira

Technical : Faiqah Batrisyia/ Muhammad Aqil

Time	Paper ID	Presenter	Title	Evaluator(s)
11:30 am – 11:45 am	2	Tharushana Chandra Segaran	Automated Pre-Screening Method for Production Enhancement Using Electrical Submersible Pump in Malaysia's Offshore Brown Field	Dr. Naqiyatul Amirah binti Mohd Said
11:45 am – 12:00 pm	4	Mohammed Nsaif Mustafa	The Impact of Artificial Intelligence on Cybercrime: Analysis	
12:00 pm – 12:15 pm	5	Mohammed Nsaif Mustafa	Challenges and Solutions in Ad Hoc Wireless Networks: A Survey	
12:15 pm – 12:30 pm	21	Luthfia S Jasmine	A Review of Post COVID-19 Indoor Air Quality in Tropical Climate	

#### c) Social Science and Humanities

Chairperson : Noor Erlia Nasha binti Samsuria

Timekeeper : Wan Nura'in Nabilah binti Noranuar

Technical : Nur Sara Batrishia

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Time	Paper ID	Presenter	Title	Evaluator(s)
11:30 am – 11:45 am	45	Vivian K Adegoke	Architectural Design Intervention As A Solution To The Problem Of Lack Of Sustainable And Equitable Housing In Nigeria	Dr Fazlur Rahman
11:45 am – 12:00 pm	11	Chen Susu	Work-Life Balance Among Malaysian Female Engineers: Bibliometric Review	
12:00 pm – 12:15 pm	15	Samuel Lee Han Lau	Conceptual Model On The Adoption Of Chinese Mobile Operating System With Rogers' Diffusion Of Innovations Theory And Animosity	

#### SECOND PARALLEL SESSION (2.30pm - 4.15pm)

#### a) Engineering

Chairperson : Wan Nura'in Nabilah binti Noranuar

Timekeeper : Nur Ilyana binti Kamis

Technical : How Chee Yang

Time	Paper ID	Presenter	Title	Evaluator(s)
2:30 pm – 2:45 pm	33	Ganesan Patmanathan	Thermal-Aware Test Scheduling And Floor Planning For Three-Dimensional Stacked Integrated Circuits	Prof. Ts. Dr. Md. Asri bin Ngad
2:45 pm – 3:00 pm	37	S M Tanvir Hasan	Maximum Power Point Tracking Using Fuzzy Logic Control In Solar PV Systems	
3:00 pm – 3:15 pm	24	Nur Liyana Shafie	Valve Critical Analysis (VCA) In Simultaneous Production And Drilling At Oil And Gas Platform	

#### b) Science and Technology

Chairperson : Muhammad Widad bin Sabab

Timekeeper : Varothini Maharaja

Technical : Faiqah Batrisyia/ Muhammad Aqil

Time	Paper	Presenter	Title	Evaluator(s)
	ID			
2:30 pm – 2:45 pm	12	Siti Hajar	Blockchain Consensus For Resources	Dr. Mohamad Fadhli bin
		Mohd Yusof	Constraint Devices: A Hybrid Approach	Rashid
			Using PoA, DPoS And Threshold	
			Cryptography	
2:45 pm – 3:00 pm	23	Yikun An	Evaluation Of China's Rural Agricultural	
			Development Response To Foreign	
			Intelligent Agriculture Experience	
3:00 pm – 3:15 pm	36	KW Teo	Ai-Driven Polycrisis Mitigation	
			Strategies In Residential High-Rise	
			Buildings: A Critical Literature Analysis	



#### INNOVATIONS AND USTAINABLE FUTURES: OWARDS

2.15 2.20	4.1	4 1 1 11 1	
3:15 pm – 3:30 pm	41	Abdullah	Cross-Cultural Emotion Analysis On X
		Nafis	Using Bidirectional Encoder
			Representations From Transformers
			(BERT)
			(DERT)
3:30 pm – 3:45 pm	42	Jinye CUI	GNSS Data Monitoring Drought:
			Current Applications And Outlook
3:45 pm – 4:00 pm	43	Muhammad	How Does Renewable Energy
5.15 pm 1.00 pm	15	Aidil Bin Mat	
			Technology In The Transportation Sector
		Shah	Impact The Environment? A
			Bibliometric Review
4:00 pm – 4:15 pm	44	Nurul	Virtual Screening By In Silico Molecular
		Syahirah	Docking And Pharmacokinetic Of
		•	e
		Salim	Chalcone Hybrid As A-Glucosidase
			Inhibitor

#### c) Social Science and Humanities

Chairperson : Muneeswary Mohanasundram

Timekeeper : Noor Erlia Nasha binti Samsuria

Technical : Nur Sara Batrishia

Time	Paper ID	Presenter	Title	Evaluator(s)
2:30 pm – 2:45 pm	16	Efa Elfrieda binti Abu Bakar	Integrating Blended Learning In Programming Course: A Comprehensive Systematic Review	Dr. Nisrin Abu Samah
2:45 pm – 3:00 pm	18	Xiao Wang	Visualization Of Collaborative Networks And Topic Trends In Proactive Environmental Strategies Towards Sustainable Development: A Bibliometric Review	
3:00 pm – 3:15 pm	19	Min Xu	A Systematic Review On The Relationship Between Emotion Regulation And Psychological Well- Being In Higher Education	
3:15 pm – 3:30 pm	22	Abdullah bin Abdul Halim	Exploring The Integration And Impact Of Google Sites In Teaching And Learning: A Structured Scoping Review	
3:30 pm – 3:45 pm	26	Edward M Martey	Customer Participation Ethical Review And Value Co-Creation On Sharing Economy Platforms Among Customers Of Green Food	
3:45 pm – 4:00 pm	27	Ruofan Xu	The Effect Of Pyramid Ownership Structure On Corporate Sustainability Performance Of Chinese Public Listed Companies: A Conceptual Review	
4:00 pm – 4:15 pm	28	Siti Nur Farahie	Mastering Art For A Sustainable Future: Evaluating Teacher Proficiency In Visual Arts Education	

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### Second Day: 28<sup>th</sup> August 2024 (Wednesday)

#### Venue: Online (Cisco Webex)

#### FIRST PARALLEL SESSION (9.30am - 10.50am)

#### a) Social Science and Humanities

Chairperson : Noor Athirah Syazana Mat Noor

Timekeeper : Muneeswary Mohanasundram

Technical : Muhammad Aqil

Time	Paper ID	Presenter	Title	Evaluator(s)
9:35 am – 9:50 am	30	Edward M Martey	Green Marketing Orientation And Sustainable Practice In Fast Food Vendor's Management	Dr. Syed Rafy
9:50 am – 10:05 am	34	Mamon Yousuf Rajab	Intertextuality From The Discourse Linguistics- The Stories Of Badiaa Amin As A Model	
10:05 am – 10:20 am	35	Xin Shen	The Current Situation And Optimization Path Of Legal Rights Protection For College Students In Central China From The Perspective Of Rights Claims	
10:20 am – 10:35 am	6	Nurhafizah binti Yahaya	The Use Of CEFR In English Language Education Reform: Foreign Textbooks And Cultural Issues	
10:35 am – 10:50 am	46	Hadi Shafien Bin Udin	Integration Of Geogebra In Teaching Geometry To Year 5 Pupils In Primary School	
		T	ake 5 mins (Break time)	
10:55 am – 11:10 am	47	Xin Shen	Influencing Factors And Implementation Path Of Tax Compliance In Chinese SMES	
11:10 am – 11:25 am	7	Tanalachumi Karupayah	Digital Storytelling For Enhancing English Language Speaking Skill Among Secondary School Students	
11:25 am – 11:40 am	50	Wang Aidong	The Influence Of Gamification On Student Motivation And Academic Achievement: Insights From A Pre-Experimental Study	
11:40 am – 11:55 am	51	Noor Asmina Binti Mohd Rashid	Enhancing Creative Thinking In Non- Major Computer Science Students Through Interactive Visual Learning Environments	
11:55 am – 12:10 pm	49	Ebrahim Esmaili	A Novel Expert System Framework for Assessing Loan Application Qualifications In Banking Customers	

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#### SECOND SESSION (10.55am - 12.10pm)

#### a) Social Science and Humanities

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Chairperson : Muneeswary Mohanasundram

Timekeeper : Sumita Thiyagarajan

Technical : Muhammad Aqil

Time	Paper ID	Presenter	Title	Evaluator(s)
10:55 am – 11:10 am	47	Xin Shen	InfluencingFactorsAndImplementation Path Of TaxCompliance In Chinese SMES	Dr. Syed Rafy
11:10 am – 11:25 am	7	Tanalachumi Karupayah	Digital Storytelling For Enhancing English Language Speaking Skill Among Secondary School Students	
11:25 am – 11:40 am	50	Wang Aidong	The Influence Of Gamification On Student Motivation And Academic Achievement: Insights From A Pre-Experimental Study	
11:40 am – 11:55 am	51	Noor Asmina Binti Mohd Rashid	Enhancing Creative Thinking In Non- Major Computer Science Students Through Interactive Visual Learning Environments	
11:55 am – 12:10 pm	49	Ebrahim Esmaili	A Novel Expert System Framework for Assessing Loan Application Qualifications in Banking Customers	

# IGCESH 2024

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## TOWARDS SUSTAINABLE FUTURES: INNOVATIONS AND COLLABORATIONS IN A CHANGING WORLD "

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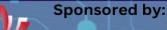


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