



SCHOOL OF
COMPUTER
SCIENCES

UNIVERSITI SAINS MALAYSIA

2024 ANNUAL REPORT

School of Computer Sciences

Universiti Sains Malaysia



ABOUT

School of Computer Sciences

The School of Computer Sciences at Universiti Sains Malaysia was officially established on 1 March 1995, after operating for 20 years as a division under the School of Mathematical and Computer Sciences. It has since grown into a leading institution in computer science education and research.

The School is organized into three key research clusters:

1. Enabling Technologies & Infrastructure
2. Data to Knowledge
3. Service Computing



These clusters support multidisciplinary and transdisciplinary research aligned with global trends.

The School maintains strong industry linkages, engages in consultancy (especially in software development), and collaborates with industries through national and international grants.

It also has global academic partnerships with institutions in North America, Europe, Australia, Japan, Singapore, and the Middle East, including joint research and postgraduate supervision.

Moving forward, the School is committed to strengthening its curriculum and research, aiming to produce quality graduates and contribute to national sustainable development.



UPPER MANAGEMENT TEAM



Professor Dato' Dr. Bahari Belaton
Dean of School of Computer Sciences



Assoc. Prof. Dr. Nurul Hashimah
Ahamed Hassain Malim
Deputy Dean (Academic, Career
& International)



Assoc. Prof. Dr. Cheah Yu-N
Deputy Dean (Research,
Innovation & Industry Community
Engagement)

PROGRAMME MANAGERS



Ts. Dr. Chew Xin Yin
Computer Science



**Assoc. Prof. Dr. Ahmad Sufril
Azlan Mohamed**
Industrial Training, Student Activities, &
Community Engagement



Assoc. Prof. Dr. Wong Li Pei
Postgraduate



Assoc. Prof. Dr. Manmeet Kaur Mahinderjit Singh
Research Ecosystem, Development & Innovation

PROGRAMME COORDINATORS FOR POSTGRADUATE STUDIES



Assoc. Prof. Dr. Cheah Yu-N
Master of Science & Doctor of
Philosophy
(Research Mode)



**Assoc. Prof. Dr. Ahmad Sufril
Azlan Mohamed**
Master of Informatics &
Master of Science
(Coursework Mode)



Assoc. Prof. Dr. Wong Li Pei
Masters of Science in
Digital Transformation
(Coursework Mode)



**Assoc. Prof. Dr. Manmeet Kaur
Mahinderjit Singh**
Masters of Science (Computer Science)
(Mixed Mode)

PROGRAMME COORDINATORS FOR POSTGRADUATE STUDIES



Dr. Mohd Adib Haji Omar
Bachelor of Computer Science (Hons)
(Computing Infrastructure)



Ts. Dr. Mohd Heikal Husin
Bachelor of (Hons)
(Software Engineering)



Ts. Dr. Chew Xin Yin
Bachelor of Computer Science (Hons)
(Intelligent Computing)

ADMIN STAFFS



Mahfuzah Othman
Senior Assistant Registrar



Izam Fairus Kamaruddin
Deputy Registrar

TECHNICAL SUPPORT LEAD



Nor Azman Shahiran
Senior Information Technology Officer



Amran Abd Samad
Information Technology Officer

Academic Staff

1.	Ahmad Sufril Azlan Mohamed Associate Professor	B IT (Hons), Multimedia Technology. MSc, Computing Science. PhD	Multimedia University, University of Manchester, UK University of Salford, UK	Image Processing, Computer Vision
2.	Aman Jantan Associate Professor	BSc, Computer Science. MSc, Computer Sciences. PhD.	USM USM USM	Computer & Network Security, Cybersecurity
3.	Anusha Achuthan Senior Lecturer	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM USM	Computer Vision, Image Processing, Medical Image Analysis
4 .	Azizul Rahman Mohd Shariff Senior Lecturer	BEng (Hons), Electrical & Electronics. MSc, Personal, Mobile & Satellite Communicati onsPhD.	University of Plymouth, UK, University of Bradford, UK University of Bradford, UK	Mobile & Cellular Networks, Vehicular Networking
5 .	Azleena Mohd Kassim, Senior Lecturer	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM USM	Knowledge Engineering & Management, Artificial Intelligence, Metaheuristics Algorithm, Evolutionary Computing, Health Informatics, Group/Coalitio n Formation

Academic Staff

6.	Azman Ab Malik, Senior Lecturer	B Tech (Hons), Electric & Electronics. MSc, Electrical & Electronics Engineering. PhD.	UNIKL USM UITM	Internet of Things, Embedded System, Microcontroller, Machine Learning, Artificial Intelligent, Robotic
7.	Bahari Belaton Professor	B App Sc, Computer Science. B Sc (Hons), Computer Science. PhD.	South Australia Institute of Business & Technology (SAIT) Flinders University South Australia University of Leeds, UK	Scientific Data Visualization, Computer Graphics, Network
8.	Chan Huah Yong Associate Professor	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM University of Franche-Comté, France	Parallel & Distributed Processing, Grid Computing
9.	Cheah Yu-N Associate Professor	PhD	USM	Knowledge Management, Intelligent Systems, Health Informatics
10.	Chong Yung Wey	BEng (Hons), MSc, PhD	UM USM USM	Cyber physical system, cloud computing, artificial intelligence, cyber security

Academic Staff

11.	Chew XinYing Senior Lecturer	B IT (Hons) ,Information Technology. PhD.	UKM USM	Natural Language Processing, Data Mining
12.	Fadratul Hafinaz Hassan Senior Lecturer	BSc (Hons), Interior Design. MSc, Information Technology. PhD.	USM USM Brunel University London, UK	Optimization, Heuristic Search, Evolutionary Algorithm
13.	Gan Keng Hoon Associate Professor	BSc (Hons), Information Technology. MSc, Computer Science. PhD.	UKM USM UM	Information Retrieval, Semantic Web Search, Query Optimization
14.	G.C. Sodhy Senior Lecturer BSc (Hons),	Computer Science. MSc, Computer Science.	USM USM	IParallel & Distributed Processing, Grid Computing
15.	Hazrina Binti Yusof Hamdani	B.Tech (Hons), Information Technology M.Sc PhD	UTP USM UKM	Sequential and Parallel Algorithms Applied Graph Theory Health Informatics Predictive Analytics in Machine Learning Web Services
16.	Jasy Liew Suet Yan Senior Lecturer	Diploma, Computer Science (Information Technology). BSc (Hons), Computer Science. MSc, Information Management. PhD, Information Science.	UTM USM Syracuse University, USA Syracuse University, USA	Sentiment & Text Analysis, Natural Language Processing, Machine Learning

Academic Staff

17.	Lim Chia Yean Senior Lecturer	BSc (Hons), Computer Science. MBA, Software Engineering. PhD	USM INTI COLLEGE USM	Contextualizati on (Knowledge Acquisition), Customer lifetime value, Data Analytics, E-Commerce UX Design
18.	Manmeet Kaur Mahinderjit Singh Associate Professor	BSc (Hons), Computer Science. MSc, Computer Science.	PhD. USM USM University of Queenland s, Australia	Data Security, Security & Privacy
19.	Mohammad Ali Sarvghadi Senior Lecturer	BSc in Computer Hardware. MSc, Computer Science. PhD	Khayyam University, Iran USM USM	Wireless Sensor Network MAC protocols, Internet of Things, Routing in LEO Satellite Constellations
20.	Mohd Adib Omar Senior Lecturer	BSc, Computer Science. MSc, Computer Science. PhD.	American University, Washingto n DC, USA USM USM	Collaborative Computing, Distributed Computing
21.	Mohd. Azam Osman Associate Professor	BSc (HONS), Computer Science. MSc, Computer Science	USM USM	Distributed Shared Memory Systems, Multicore Programming

Academic Staff

22.	Mohd Halim Mohd Noor Senior Lecturer	BEng, Computer & Information Engineering. MSc., Electrical & Electronic Engineering. PhD.	UIAM USM University Of Auckland, New Zealand	Machine learning and deep learning for computer vision and pervasive computing
23.	Mohd Heikal Husin Senior Lecturer	BA (Hons), Multimedia Computing. Master of E- Commerce. PhD.	Coventry University, UK University of South Australia, Australia University of South Australia, Australia	Government 4.0, Policy Development, Enterprise 4.0
24.	Mohd Nadhir Ab Wahab Senior Lecturer	BEng (Hons), Mechatronics Engineering. MSc, Mechatronics Engineering. PhD.	UNIMAP UNIMAP University Of Salford, UK	Computer Vision, Deep Learning, Machine Learning, Meta- heuristics, Mobile Robotics, Swarm Intelligence, Path Planning, IoT
25.	Mohd Najwadi Yusoff Senior Lecturer	B. Tech (Hons) ICT. MSc, Computer Science. PhD.	UTP USM UPM	Digital Forensic, Cybersecurity, Blockchain

Academic Staff

26	Nasuha Lee Abdullah Senior Lecturer	B Eng, Computer Engineering . MSc Informatic. PhD (Doctor of Engineering)	UPM USM UTM	Information Systems/IT, Technopreneurship, Engineering Business Management, Quality Management
27	Nibras Abdullah Ahmed Faqera Senior Lecturer	BSc, Computer Science. MSc, Computer Science. PhD.	University of Science and Technology , Hadhramout, Yemen USM USM	Computer Networks, Wireless Networks, Optimization, Internet Of Things (IoT), Artificial Intelligence, Cyber Security
28	Noor Farizah Ibrahim Senior Lecturer	B Tech (Hons), Information Technology. MSc, Information Management. PhD.	UTP UiTM University Of Bristol, UK	Data/Text Analytics, Data Mining, Machine Learning, and Social Media Research
29	Nor Athiyah Abdullah Senior Lecturer	B IT (Hons), Software Engineering. MSc, Computer Science. PhD.	UMT USM Iwate University, Japan	Social Media, Human-Computer Interaction
30	Nur Hana Samsudin Senior Lecturer	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM University of Birmingham, UK	Natural Language Processing, Speech Processing

Academic Staff

31.	Nur Intan Raihana Ruhaiyem Senior Lecturer	BMM (Hons), Multimedia. MSc, Computer Science. PhD.	UUM USM University Of Queensland Australia	Image Analysis, Computer Vision
32.	Nursakirah Binti Ab Rahman Muton Senior Lecturer	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM UUM	Information Systems
33.	Nurul Hashimah Ahamed Hassain Malim Associate Professor	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM The University of Sheffield, UK	Cheminformatics, Bioinformatics, Data Mining
34.	Putra Sumari Professor	BSc (Hons.), Computer Science. MSc, Computer Science. PhD.	USM Liverpool University, UK Liverpool John Moores University, England	Distributed Multimedia & Communication
35.	Siti Hazyanti Binti Mohd Hashim Senior Lecturer	BSc (Hons), Multimedia Computing. Msc, Computer Science. PhD.	UiTM UiTM UiTM	Multimedia , Game Technology, Virtual reality

Academic Staff

36.	Sukumar Lecthmunan Senior Lecturer	BSc (Hons) Computer Science. MSc, Computer Science. PhD.	UPM UPM University of Strathclyde, UK	Software Engineering, Software Metrics
37.	Suzi Iryanti Fadilah Senior Lecturer	BSc (Hons.), Computer Science. MSc, Computer Science. PhD.	UTeM UTeM USM	Wireless Networks, Vehicular Ad- Hoc Networks
38.	Syaheerah Lebai Lutfi Senior Lecturer	BSc (Hons), Information Computing. Master, Software Engineering. PhD.	Bolton Institute of Technology, England, UK UM Universid ad Politécnica De Madrid, Spain	Human Computer Interaction (HCI), Affective Computing
39.	Tan Tien Ping Associate Professor	BSc (Hons), Computer Science. MSc, Computer Science. PhD.	USM USM Universite Joseph Fourier, University, France	Automatic Speech Recognition, Natural Language Processing

Academic Staff

40.	Vaithegy A/P Doraisamy Senior Lecturer	BSc,Computer Science. Msc, Computer Science. PhD.	UTM USM USM	Computer Networking, Metaverse, Internet Of Things (IoT), Cyber Security, Cloud Computing
41.	Wan Mohd Nazmee Wan Zainon Associate Professor	BSc (Hons)., Computer Science. MSc, Computer Science. PhD.	USM USM USM	Information Visualization, Multimedia Information Retrieval
42.	Wong Li Pei Associate Professor	BSc (Hons)., Computer Science. MSc, Computer Science. PhD.	USM USM Nanyang Technologi cal University, Singapore	Operations Research, Scheduling and Timetabling
43.	Zarul Fitri Zaaba Senior Lecturer	BA (Hons.) IT. MSc, Computer Information Security. PhD, Data Security, 2014	UUM Royal Holloway University London,U K University Of Plymouth , UK	Information Security, Security & Usability



CS ACADEMICS

In 1974, the Computer Science program at USM began with a course focused on programming. Over time, it evolved into a specialization within the Bachelor of Science (Mathematics) honours degree, and later became the Bachelor of Science (Computer Science) (B.Sc. (Comp.Sc.)) degree with honours.

USM's B.Comp.Sc. (Hons.) program has been highly successful in producing well-qualified graduates who are widely sought after by both public and private sectors. One of the key factors contributing to this success is its robust curriculum, which strives to strike a balance between theoretical instruction in computing and practical exposure.

In the 1992/93 academic session, a new and updated curriculum was implemented, followed by further modifications in the 1994/95 session to align with the University Academic System (SPU). Starting from the 1996/97 session, the curriculum was revised to reduce the minimum graduation period from 4 years to 3 years under the Three Year Academic System (SPTT). In the 2000/01 session, a new curriculum aligned with the recommendation of the National Higher Education Council on SPTT (SPTT(M)) was introduced.

A revised curriculum was introduced for the 2006/07 session, and in 2009/2010, the degree program was adjusted to restore the minimum graduation period to 4 years under the Four Year Academic System (Sistem Pengajian Empat Tahun) (SPET).

In the 2019/20 academic session, a new revised curriculum was introduced, which involved restructuring the degree program to allow students to specialize in three areas: intelligent computing, computing infrastructure, and software engineering.

The School of Computer Sciences at USM was the first within the university to collaborate with private colleges at the diploma level starting from 1995. Additionally, it pioneered the USM external degree program in 1997.



BSC COMPUTER SCIENCES

The 4-year Bachelor of Science (Computer Science) degree program comprehensively covers all aspects of computing as an academic discipline. The primary objective of the program is to produce highly competent graduates equipped with the necessary professional skills to succeed as computing professionals and effectively compete in a rapidly evolving technological landscape. As a result, the program encompasses both the theoretical and scientific foundations of computing, as well as its practical applications in various industries and commerce. Throughout the curriculum, there is a strong emphasis on problem-based learning, which is achieved through practical, project-based, and training-based courses that are integrated across the years. Moreover, the program instills a research-oriented mindset among students.

The Bachelor of Computer Science (Honours) degree offers students the flexibility to customize their studies according to their individual interests, needs, and circumstances. The program provides specializations in the following areas:

- Intelligent Computing
- Computing Infrastructure
- Software Engineering



MSC COMPUTER SCIENCES

The School of Computer Sciences provides three study options for postgraduate programs: Coursework, Mixed Mode, and Research.

- Mixed Mode Programme – Master of Science (Computer Science)
- Coursework Mode Programme – Master of Science (Data Science & Analytics)
- Coursework Mode Programme – Master of Science (Digital Transformation)
- Research Programme - Ph.D. & M.Sc. by Research

The Mixed Mode Program offers students a strong foundation in Computer Science and a comprehensive understanding of innovative computer technologies. It enables students to establish connections between various disciplines, concepts, and practices within computer science. The program focuses on applying knowledge and skills to meet industry demands and prepares students for research work, encouraging them to pursue a doctoral program.

The Master of Science (Data Sciences & Analytics) program aims to produce professionals in the field of Big Data Analytics who can make informed decisions based on comprehensive data. It provides students with a deep understanding of core concepts, practices, and tools in the domain of data science and analytics. The program equips students with the knowledge and skills to collect and integrate data, perform big data analysis, and apply them across various sectors. It also trains students to proficiently use big data analytical tools in different industries, while fostering social and effective communication skills and nurturing leadership qualities. Graduates are encouraged to be innovative in applying data analytic tools across domains and are prepared for further interdisciplinary research involving ICT.

The Master of Science (Informatics) program aims to develop graduates with a comprehensive understanding of theoretical and practical aspects of informatics and their interconnections. It equips graduates with scientific, engineering, and advanced analysis skills in ICT, which can be applied in various fields, particularly in business, technopreneurship, and biomedical sectors. The program produces highly skilled ICT users for industries such as biomedical, healthcare, marketing, and business.



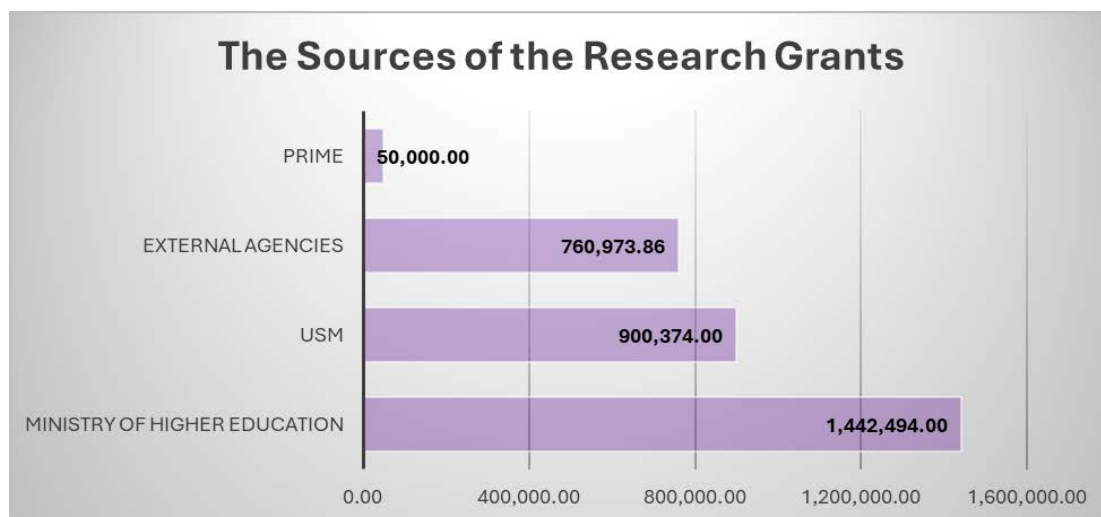


RESEARCH AND INNOVATIONS

Computer Science highlights in research

The school is currently in a leading position in research and development, supported by three dedicated research clusters: Enabling Technologies & Infrastructure (ETIC), Data to Knowledge (D2K), and Service Computing (SC). These clusters facilitate collaboration among academics, particularly in Fundamental, multidisciplinary and transdisciplinary research.

Research and innovation at the School of Computer Sciences continued to strengthen in 2024, with a total of 35 active research grants. These grants are funded by various sources, including USM, the Ministry of Higher Education, industry partners, and external agencies (both local and international). USM provides grants such as the Research University Team (RU Team) Transdisciplinary RU (RUTRANs), Short-Term Grant, and Bridging Grant. The Ministry of Higher Education supports research through schemes like the Fundamental Research Grant Scheme (FRGS), Long-Term Research Grant Scheme (LRGS), and Transdisciplinary Research Grant Scheme (TRGS). Meanwhile, industry and external agencies contribute through programs such as the Collaborative Research in Engineering, Science and Technology Center (CREST), Product Innovation and Industry Matching Engagement (PRIME), and the Micron Technology Foundation.



Statistical summary of the number of Active Grants

Grant Type	Number of Active Grants
FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS)	11
TRANSDICIPLINARY RESEARCH GRANT SCHEME (TRGS)	1
RESEARCH UNIVERSITY TEAM (RU TEAM)	8
TRANSDISCIPLINARY RESEARCH UNIVERSITY GRANT SCHEME (RUTRANS)	2
SHORT TERM	5
PRODUCT INNOVATION AND INDUSTRY MATCHING ENGAGEMENT (PRIME)	1
COLLABORATIVE RESEARCH IN ENGINEERING, SCIENCE AND	1
OTHER EXTERNAL AGENCIES	6



Fundamental Research Grant Scheme (FRGS)

No	Project Title	Project Leader	Period	Amount (RM)
1	Formulation of Spine Curve Bending Techniques to Improve AI-Driven Multi-Camera Markerless Motion Capture	AHMAD SUFRIL AZLAN BIN MOHAMED, PROFESOR MADYA DR.	2024-08-01 2027-07-31	121,014.00
2	A deep learning hybrid algorithm to predict mutations and high-risk assessment in zoonotic RNA virus	HAZRINA BINTI YUSOF HAMDANI, DR.	2024-08-01 2027-07-31	117,500.00
3	Elucidation of Brain Tumor Detection in Cerebrovascular Segmentation of Magnetic Resonance Angiography (MRA) Images by Channel Attention with Spatial Kernel Filtering Model.	NUR INTAN RAIHANA BINTI RUHAIYEM, DR.	2024-08-01 2027-07-31	115,580.00
4	Formulation of a Filter-Wrapper and Grey Wolf Optimization Approach for Feature Selection and Ranking in Multi-Class Text Classification	CHEAH YU-N, PROFESOR MADYA DR.	2023-10-01 2025-09-30	89,400.00
5	Formulation of Self-attention and Boundary-aware Modules for Deep Learning Medical Image Segmentation	MOHD HALIM BIN MOHD NOOR, PROFESOR MADYA DR.	2023-10-01 2026-09-30	147,000.00
6	Formulating Systemic Lupus Erythematosus (SLE) correlation with associated features using hybrid Machine Learning Classification Model for National Registry	NUR HANA BINTI SAMSUDIN, DR.	2023-10-01 2026-09-30	146,100.00
7	Investigating the Bystander Influence in deriving a Fusion of Bystander and BERT Model to Enhance Cyberbully Classification.	SYAHEERAH BINTI LEBAI LUTFI, PROFESOR MADYA DR.	2023-10-01 2025-09-30	80,500.00

No	Project Title	Project Leader	Period	Amount (RM)
8	Optimal Hate Speech Meta-classification for Cyber-Hate Detection Based on Enhanced Machine Learning Heterogeneous Stacked Ensembles (HSE) Algorithm	WAN MOHD NAZMEE BIN WAN ZAINON, PROFESOR MADYA DR.	2023-10-01 2026-09-30	118,050.00
9	Machine Learning Model of Fine-grained Components Identification for Privacy Policy Compliance under Malaysian Personal Data Protection Act 2010 (PDPA)	ZARUL FITRI BIN ZAABA, DR.	2023-10-01 2026-09-30	105,600.00
10	Efficient Joint Process Monitoring using a New Robust Variable Sample Size and Sampling Interval Run Sum Scheme	CHEW XINYING, PROFESOR MADYA TS. DR.	2022-09-01 2025-08-31	92,750.00
11	Incorporating Domain and Informal Language Features towards Efficient Word Embeddings for English-Malay Code-Switching Opinionated Text	GAN KENG HOON, PROFESOR MADYA DR.	2022-09-01 2024-08-31	68,100.00

Transdisciplinary Research Grant Scheme (FRGS)

No	Project Title	Project Leader	Period	Amount (RM)
1	Prediction of Multi-Hazards using Machine Learning and Route Management Optimization for Disaster Management using Hybridised Evolutionary Algorithm	AZLEENA BINTI MOHD KASSIM, DR.	2022-12-01 2025-11-30	160,900.00

RU Team

No	Project Title	Project Leader	Period	Amount (RM)
1	Modelling Multimodal Cues for Bribery Tendencies	SYAHEERAH BINTI LEBAI LUTFI, PROFESOR MADYA DR.	2024-05-01 2027-04-30	79,690.00
2	Automated Drone Surveillance for Port Monitoring & Inspections	AHMAD SUFRIL AZLAN BIN MOHAMED, PROFESOR MADYA DR.	2024-04-01 2026-03-31	0
3	Object & Person Detection for Automated Drone Surveillance	AHMAD SUFRIL AZLAN BIN MOHAMED, PROFESOR MADYA DR.	2024-04-01 2026-03-31	85,000.00
4	Water Quality Sensors Integration and Monitoring System for Duckweed Production in Fish Ponds	NURUL HASHIMAH BINTI AHAMED HASSAIN MALIM, PROFESOR	2024-01-01 2025-12-31	78,258.00
5	Design and Adaptation of Digital Technologies to Deliver an Evidence-, Needs-based Health Care Services System for Ageing Malaysian (ENHance-M) Using A Gig Economy	ANUSHA A/P ACHUTHAN, TS. DR.	2023-01-01 2024-12-31	60,080.00
6	Smart Integrated Temperature Control System for the Pyrolysis Process (SITCSP2)	MOHD AZAM BIN OSMAN, PROFESOR MADYA	2022-07-01 2024-06-30	63,600.00
7	A Multi-actor Energy Distribution Model Based on Blockchain for Nationwide Solar Power Adoption	MOHD NAJWADI BIN YUSOFF @ ABDUL RAHMAN, TS. DR.	2022-06-01 2024-05-31	59,050.00
8	Vehicles Classification Using Deep Learning Method to Produce a Data Set for Analytics Process	MOHD NADHIR BIN AB WAHAB, DR.	2022-05-01 2024-04-30	66,447.00

RU Trans

No	Project Title	Project Leader	Period	Amount (RM)
1	Fully Automated Segmentation of Tumor Regions on Different MRI Image-weighted Using 2D Convolutional Neural Networks in Osteosarcoma	ANUSHA A/P ACHUTHAN, TS. DR.	2024-03-01 2027-02-28	116,306.00
2	AN IMPROVED DEEP LEARNING ARCHITECTURE FOR BREAST CANCER SEGMENTATION	MOHD HALIM BIN MOHD NOOR, PROFESOR MADYA DR.	2024-12-01 2027-11-30	109,500.00

Short Term Grant

No	Project Title	Project Leader	Period	Amount (RM)
1	Enhanced Metaverse Network Architecture for Smart Agriculture.	VAITHEGY A/P DORAISAMY, DR.	2024-12-01 2026-11-30	38,624.00
2	Enhanced Distributed and Efficient Slot Assignment Alignment (DESAA) Algorithm for Internet of Things	MOHAMMAD ALI SARVGHADI, DR.	2024-11-01 2026-10-31	39,810.00
3	Modelling Immersive Educational Learning via Virtual Reality Game	SITI HAZYANTI BINTI MOHD HASHIM, DR.	2024-04-01 2026-03-31	32,399.00
4	Developing IoT-Based Irrigation Optimization System for Sustainable Agriculture	MOHD ADIB BIN OMAR, DR.	2024-02-01 2026-01-31	34,810.00
5	The Usability Evaluation Framework for Malaysia Higher Education Institution's Learning Management Systems (LMS)	LIM CHIA YEAN, DR.	2023-07-01 2025-06-30	36,800.00

Collaborative Research in Engineering, Science and Technology (CREST)

No	Project Title	Project Leader	Period	Amount (RM)
1	DEVELOPMENT OF A SUPERIOR MODULAR PRODUCTION SOLUTION COMPLIANCE WITH INDUSTRY 4.0 WITH 3-DIMENSIONAL SIMULATION AND DIGITAL TWIN TOOLKIT WITH ARTIFICIAL INTELLIGENT AND AUGMENTED REALITY CAPABILITIES	AZMAN AB MALIK, DR.	2024-10-01 2025-09-30	105,000.00

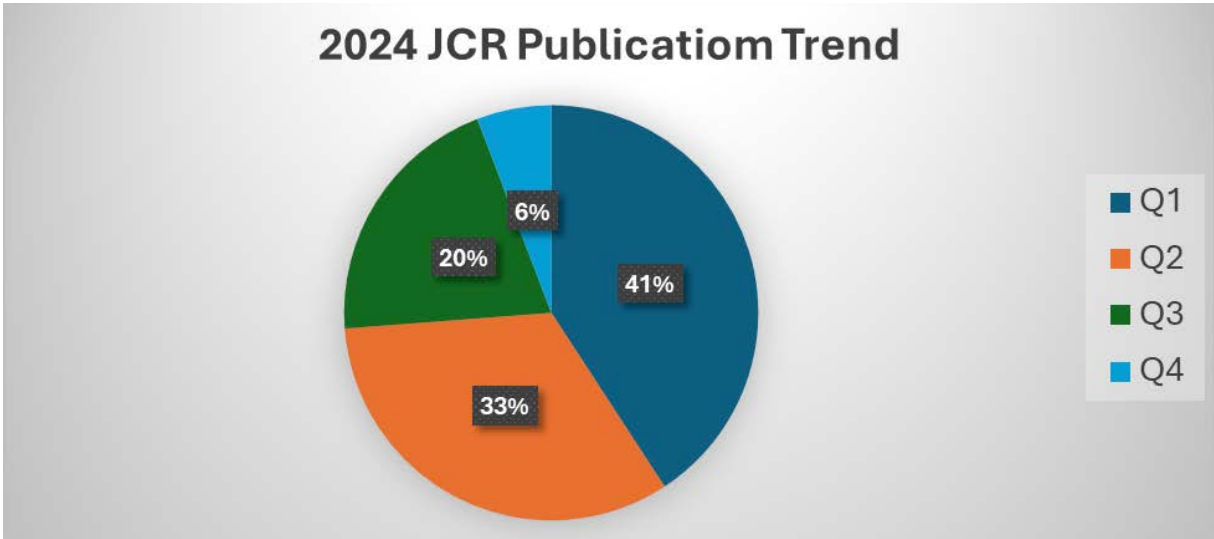
External Agency Funding Research Projects

No	Project Title	Project Leader	Period	Amount (RM)
1	HOSTING AND OPERATING THE APIE CAMP #07 AT USM IN 2025	CHONG YUNG WEY, PROFESOR MADYA DR.	2025-04-14 2025-12-14	58,903.98
2	ADVANCED PREDICTIVE ANALYTICS FOR TEMPERATURE AND HUMIDITY MANAGEMENT IN IoT-INTEGRATED SYSTEMS	MOHD NADHIR BIN AB WAHAB, DR.	2024-10-01 2025-07-31	10,250.00
3	AUTOMATIC QUATATION GENERATOR BASED ON DYNAMIC PARAMETER SETTING USING MODIFIED ARTIFICIAL INTELLIGENCE APPROACH	MOHD NADHIR BIN AB WAHAB, DR.	2024-09-01 2025-02-28	50,000.00
4	IMPLEMENTATION AND EXPERIMENT OF THE RESEARCH PLATFORM IN SOUTHEAST ASIA FOR "DDoS ATTACK DETECTION FRAMEWORK USING MACHINE LEARNING IN SOFTWARE DEFINED NETWORK"	MOHD NAJWADI BIN YUSOFF @ ABDUL RAHMAN, TS. DR.	2023-07-01 2025-06-30	131,479.88
5	DIMENSIONALITY REDUCTION FOR SMART MANUFACTURING	CHEW XINYING, PROFESOR MADYA TS. DR.	2022-04-01 2025-03-31	325,340.00
6	A DATA-DRIVEN APPROACH FOR END-TO-END ADAPTIVE PRODUCTION SCHEDULING IN SEMICONDUCTOR MANUFACTURING	WONG LI PEI, PROFESOR MADYA DR.	2020-11-30 2023-11-29	80,000.00

PRODUCT INNOVATION AND INDUSTRY MATCHING ENGAGEMENT (PRIME)

No	Project Title	Project Leader	Period	Amount (RM)
1	AUTOMATIC QUATATION GENERATOR BASED ON DYNAMIC PARAMETER SETTING USING MODIFIED ARTIFICIAL INTELLIGENCE APPROACH	MOHD NADHIR BIN AB WAHAB, DR.	2024-09-01 2025-02-28	50,000.00

Research Publication



No	Q1 Publication
1	Liu, Z., & Letchmunan, S. (2024). Enhanced fuzzy clustering for incomplete instance with evidence combination. <i>ACM Transactions on Knowledge Discovery from Data</i> , 18(3), Article 72:1–72:20. https://doi.org/10.1145/3638061
2	Hong, T., & Ibrahim, N. F. (2024). Group recommendation fueled by noise-based graph contrastive learning. <i>Journal of King Saud University – Computer and Information Sciences</i> , 36(5), Article 102063. https://doi.org/10.1016/j.jksuci.2024.102063
3	Manoharam, G., Kassim, A. M., Abdeen, S., Mohd Kasihmuddin, M. S., Rusdi, N. A., Romli, N. A., Zamri, N. E., & Mansor, M. A. (2024). Special major 1, 3 satisfiability logic in discrete Hopfield neural networks. <i>AIMS Mathematics</i> , 9(5), 12090–12127. https://doi.org/10.3934/math.2024591
4	Liu, Z., Qiu, H., & Letchmunan, S. (2024). Self-adaptive attribute-weighted neutrosophic c-means clustering for biomedical applications. <i>Alexandria Engineering Journal</i> , 96, 42–57. https://doi.org/10.1016/j.aej.2024.03.092
5	Luo, Q., & Tan, T.-P. (2024). Improved learning efficiency of Deep Monte-Carlo for complex imperfect-information card games. <i>Applied Soft Computing</i> , 150, 111545. https://doi.org/10.1016/j.asoc.2024.111545
6	Zhang, H., Cheah, Y.-N., Alyasiri, O. M., & An, J. (2024). Exploring aspect-based sentiment quadruple extraction with implicit aspects, opinions, and ChatGPT: A comprehensive survey. <i>Artificial Intelligence Review</i> , 57(2), Article 17. https://doi.org/10.1007/s10462-023-10633-x
7	Akhtom, D. M., Singh, M. M., & Chew, X. Y. (2024). Enhancing trustworthy deep learning for image classification against evasion attacks: A systematic literature review. <i>Artificial Intelligence Review</i> , 57(7), Article 174. https://doi.org/10.1007/s10462-024-10777-4
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14	Eikhosrokiani, P., Isomursu, M., Korhonen, O., & Sean, T. T. (2024). Intelligent mental workload mobile application in personalized digital care pathway for lifestyle chronic disease. <i>Communications in Computer and Information Science</i> , 2083, In M. Särestöniemi et al. (Eds.), <i>Digital Health and Wireless Solutions. NCDHWS 2024</i> . Springer, Cham. https://doi.org/10.1007/978-3-031-59080-1_24
15	Premkumar, M., Sowmya, R., Kumar, J. S. V. S., Jangir, P., Abualigah, L., & Ramakrishnan, C. (2024). Optimal co-ordination of directional overcurrent relays in distribution network using Whale Optimization Algorithm. <i>Soft Computing Applications in Modern Power and Energy Systems. EPREC 2023. Lecture Notes in Electrical Engineering</i> , 1107. https://doi.org/10.1007/978-981-99-8007-9_17
16	Ahmed, M. A., Shariff, A. R. M., & Abubakar, S. (2025). Long term traffic congestion detection method based on speed-threshold. <i>Lecture Notes in Computer Science</i> , 15427. Springer, Cham. https://doi.org/10.1007/978-3-031-77003-6_3
17	Ainul Hizriadi, Herriyance, Romi Fadillah Rahmat, & Ainul Husna. (2024). Early identification of gastric pains through the tongue images using radial basis function. <i>AIP Conference Proceedings</i> , 3081(1), 040009. https://doi.org/10.1063/5.0200115
18	Kadry, S., Abualigah, L., González Crespo, R., Verdú, E., & Kadry, S. (2024). COVID19 detection in chest x-ray using vision-transformer with different patch dimensions. <i>Procedia Computer Science</i> , 235, 3438–3446. https://doi.org/10.1016/j.procs.2024.04.324
19	Sultana, N., & Hasan, M. K. (2024). CNN segmentation of skin melanoma in pre-processed dermoscopy images. <i>Procedia Computer Science</i> , 236, 2315–2323. https://doi.org/10.1016/j.procs.2024.04.262
20	Rajalakshmi, R., Vijayarani, S., & Arunkumar, N. (2024). Automatic liver-vessel examination from CT slice using Kapur's thresholding and watershed algorithm. <i>Procedia Computer Science</i> , 235, 1385–1393. https://doi.org/10.1016/j.procs.2024.04.173
21	Zhao, H., & Suet Yan, J. L. (2024). Comparing human and BERT-Siamese network (BertSNN) in product domain similarity ranking for cross-domain sentiment analysis. <i>2024 IEEE 36th International Conference on Tools with Artificial Intelligence (ICTAI)</i> , 122–127. https://doi.org/10.1109/ICTAI62512.2024.00026

No	WoS and Scopus Indexed Conference Proceedings
22	Biryukov, A., Teh, J. S., & Udovenko, A. (2024). Advancing the Meet-in-the-Filter Technique: Applications to CHAM and KATAN. In B. Smith & H. Wu (Eds.), <i>Selected Areas in Cryptography. SAC 2022. Lecture Notes in Computer Science</i> (Vol. 13742, pp. 314–336). Springer, Cham. https://doi.org/10.1007/978-3-031-58411-4_16
23	Pandya, S. B., Patel, O. S., Kumar, A., Kalita, K., Jangir, P., Chohan, J. S., & Abualigah, L. (2024). Design optimization of safety transformer using decomposition-based multi-objective heat transfer search algorithm. <i>AIP Conference Proceedings</i> , 3217(1), 040014. https://doi.org/10.1063/5.0234601
24	Pandya, S. B., Patel, O. S., Kumar, A., Kalita, K., Jangir, P., Chohan, J. S., Rathee, S., & Abualigah, L. (2024). Design optimization of BLDC motor using multi-objective plasma generation algorithm. <i>AIP Conference Proceedings</i> , 3217, 030008. https://doi.org/10.1063/5.0234593
25	Lai, Y. L., Khaw, Y. M. J., Lim, S. P., & Tan, T. P. (2024). Text normalization of Penang Hokkien dialect leveraging adapted Soundex algorithm. <i>2024 5th International Conference on Artificial Intelligence and Data Sciences (AiDAS)</i> , 48–54. https://doi.org/10.1109/AiDAS63860.2024.10730327
26	Raman, V., Sumari, P., & Prabhavathy, M. (2024). Swimming pools, basketball courts, and badminton courts using CNN and transfer learning. <i>Grenze International Journal of Engineering and Technology</i> , 10(1), 2907–2913. https://grenzejournal.org/engineering-journals/GIJET/vol-10-issue-1
27	Yu, C., Chong, Y.-W., & Yusoff, M. N. (2024). Crowd sensing for public transport terminals using Bluetooth Low Energy (BLE) beacons. <i>2024 International Conference on Platform Technology and Service (PlatCon)</i> , 50–55. https://doi.org/10.1109/PlatCon63925.2024.10830736
28	Zhang, H., Cheah, Y.-N., He, C., & Yi, F. (2024). An instruction tuning-based contrastive learning framework for aspect sentiment quad prediction with implicit aspects and opinions. <i>Findings of the Association for Computational Linguistics: EMNLP 2024</i> , 7698–7714. https://doi.org/10.18653/v1/2024.findings-emnlp.453
29	Alla Alidmat, O. K., Abuowaida, S., Alhenawi, E., Khattab Awwad, H., Al-Momani, A., Yusof, U. K., & Elrashidi, A. (2024). A novel cellular automaton model for optimized multi-exit crowd evacuation in high-density environments. <i>2024 25th International Arab Conference on Information Technology (ACIT)</i> , 1–10. https://doi.org/10.1109/ACIT62805.2024.10877170
30	Alidmat, O. K. A., Abuowaida, S., Alhenawi, E., Khattab Awwad, H., Al-Momani, A., Yusof, U. K., & Elrashidi, A. (2024). Dynamic exit selection and counting area adjustment for efficient crowd evacuation in asymmetrical layouts. <i>2024 25th International Arab Conference on Information Technology (ACIT)</i> , 1–10. https://doi.org/10.1109/ACIT62805.2024.10877032
31	Aburomman, A., Abuowaida, S., Al-Momani, A., Al Henawi, E., Abu Elsoud, E., Salah, Z., Alzoubi, H., Chan, H. Y., & Khouj, M. (2024). Automated detection of Alzheimer’s disease using EfficientNet-B3 architecture with transfer learning. <i>Proceedings of the 2024 25th International Arab Conference on Information Technology (ACIT)</i> , 1–6. https://doi.org/10.1109/ACIT62805.2024.10876916



CS ACTIVITIES

January 2024

NVIDIA Research Workshop

Speaker : Dr Ettikan Kandasamy Karupiah
(Chief Techologist/ Director of Nvidia Asia Pasific South Region)

Date : 15th January 2024 (Monday)



RESEARCH ENHANCED WORKSHOP SERIES (REWS)

15 JANUARY 2024 (MONDAY) 9.00AM - 12.30 PM

HYBRID : CS MEETING ROOM (LEVEL 7)
WEBEX ONLINE (<https://bit.ly/REWSNVIDIA>) Pwd:REWS2024

NVIDIA RESEARCH WORKSHOP

Synopsis

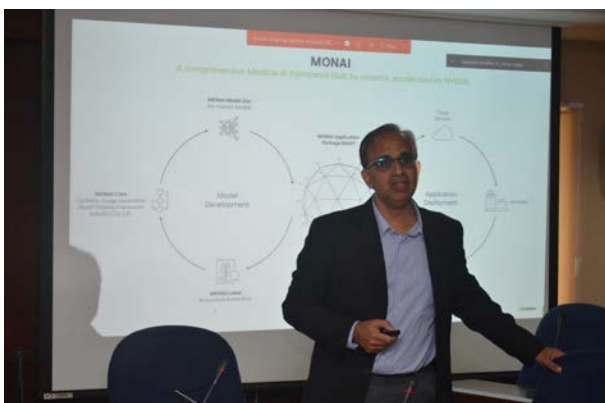
The workshop is designed to achieve multiple objectives. Firstly, it focuses on the exploration of cutting-edge research areas in GPU technology, Parallel Computing, and Generative AI within the broader AI domain. Secondly, it aims to foster collaborative research initiatives by providing a platform for researchers, scientists, and academics to form partnerships and joint projects utilizing NVIDIA technologies. Thirdly, the workshop emphasizes knowledge transfer, aiming to share the latest advancements in GPU technology, parallel computing, and artificial intelligence, including insights into research, best practices, and optimization techniques. Lastly, the workshop serves as a forum for ideating new project proposals that address complex scientific problems using AI. These proposals may be submitted for research grants, further encouraging innovative research and development within the community.

About The Speaker



Ettikan Kandasamy Karupiah (Ph.D), Chief Technologist/Director at Nvidia Asia Pacific South Region works with NVIDIA Platform Technology adopting customers, innovators, researchers, start-ups, and techno-entrepreneurs to accelerate AI & GPU/DPU inclusion for their translational R&D and software development needs. He has direct experience and passionate in accelerated computing, embedded software, autonomous systems, machine learning, deep learning, generative AI, solution design and development covering end-to-end needs in various industry verticals. Currently he guides researchers/developers at NVIDIA customer/partner R&D centres and leading disruptive startups to implement actionable solutions for real world problems meeting specific requirements leveraging Nvidia GPU/DPU software/hardware capabilities. He has published numerous publications, patents and developed software libraries in past. He holds Ph.D in Computer Science with research focus in distributed computing and algorithm optimization.

For inquiries, contact: **AP. Dr. Manmeet** (manmeet@usm.my)



January 2024

Sesi Penilaian & Lawatan Audit Akreditasi Penuh

Sarjana Muda Sains Komputer (Kepujian) (Pengkomputeran Cerdas)
Sarjana Muda Sains Komputer (Kepujian) (Kejuruteraan Perisian)
Sarjana Muda Sains Komputer (Kepujian) (Infrastruktur Komputeran)
Date : 30th January 2024 (Tuesday)



March 2024

Bengkel Penetapan Sasaran KPI 2024 PP Sains Komputer

Date : 7th March 2024 (Thursday)
Venue : Balai Pesiban Agung, PP Seni USM



March 2024

Welcoming Ceremony for Postgraduate Students Semester 2 Academic Session 2023/2024

Date : 15th March 2024 (Friday)



May 2024

Visit from Politeknik Temasek Singapura to the
School Of Computer Sciences, USM

Date : 7th May 2024 (Tuesday)



May 2024

Visit from Keele University to the School Of Computer Sciences, USM

Date : 7th May 2024 (Tuesday)



May 2024

Visit by Universitas Islam Negeri Sunan Gunung Djati, Bandung, Indonesia to School Of Computer Sciences, USM

Date : 8th May 2024 (Wednesday)



May 2024

Bengkel Rombakan Kurikulum Program Ijazah Sarjana Muda dan Sarjana

Date : 13th - 15th May 2024

Venue : Hompton by the Beach Penang



May 2024

CSIF - ICAP 2024

Computer Science Industry Forum & Industry Community
Advisory Panel Meeting

Date : 16th May 2024 (Thursday)

Venue : Olive Hotel Penang



June 2024

INTEL MICROELECTRONICS SDN. BHD EQUIPMENT HANDOVER CEREMONY TO THE SCHOOL OF COMPUTER SCIENCES, UNIVERSITI SAINS MALAYSIA

Date : 20 June 2024 (Thursday)



July 2024

CS MIND 2024

Date : 11th July 2024 (Thursday)



July 2024

LAWATAN RASMI NAIB CANSELOR USM
YBHG PROF. DATO' SERI IR. DR ABDUL RAHMAN
MOHAMED KE PPSKOMPUTER

Date : 22nd July 2024 (Monday)



August 2024

Sesi Penilaian & Lawatan Panel Penilaian Luar

Date : 16th August 2024 (Friday)



August 2024

Visit from the School of Computer Science, Peking University, Beijing, China.

Date : 19th August 2024 (Monday)



August 2024

Majlis Persaraan Dekan PPSKomputer
Profesor Dato' Dr. Bahari Belaton

Date : 23th August 2024 (Friday)



August 2024

Sesi Penilaian dan Lawatan Audit Akreditasi Penuh
Sarjana Sains dalam Transformasi Digital

Date : 26th August 2024 (Monday)



August 2024

Workshop on OCADS

Date : 27th August 2024 (Tuesday)



September 2024

Computer Science Postgraduate Colloquium 2024

Date : 30th Sept, 1st Oct & 3rd Oct 2024

Venue : SAINS@USM



October 2024

New UOW Student Briefing Sem 1 2024/2025

Date : 2nd October 2024 (Wednesday)



October 2024

New Master Student Briefing Sem 1 2024/2025

Date : 4th October 2024 (Thursday)



October 2024

PRAGMA 40

Date : 9th - 10th October 2024



October 2024

Minggu Siswa Lestari

Date : 9th October 2024 (Wednesday)





INDUSTRY AND ENGAGEMENT

January - March 2024

Online Industry Talk Series

Date:

11 January 2024

Topic:

Machine Learning in Industry:
A Practical Synopsis

Speaker:

Mrs. Kashif Fizza, Data Analyst
from Rebtel



**Huawei ICT
Academy - Lab
Session
(14 March 2024)**



**Visitation from Nanyang
Technological University,
Singapore (25 March 2024)**

April - June 2024

Visit from Centific & Microsoft for graduate and internship hiring on 25 April 2024



Visit from University De Lorraine, France on 3 June 2024

April - June 2024

**CODEMAVEN**
MAKERSPACE

#GIRLS2CODE

CODEMAVEN 4.0

DATE:
27 APRIL 2024
(SATURDAY)

TIME:
9:00 AM - 5:00 PM
(GMT +8)

VENUE:
MAKERSPACE@USM,
USM PENANG.

PARTICIPANTS:
10 TO 12-YEAR-OLD PRIMARY
SCHOOL GIRLS IN PENANG STATE ONLY

FEE: FREE OF CHARGE

THEME:
GAME

ACTIVITIES:

- OFFICIAL LAUNCH
- CODING WORKSHOP
- GAME JAM

NOTES:

- SHORTLISTED PARTICIPANTS WILL BE CONTACTED BY THE ORGANISERS.
- REGISTRATION UNTIL 31 MARCH.

REGISTER NOW!



<https://bit.ly/CodeMaven4Registration>

**LEARN TO CODE AND
CREATE FUN GAMES
USING SCRATCH!**



ORGANISERS:



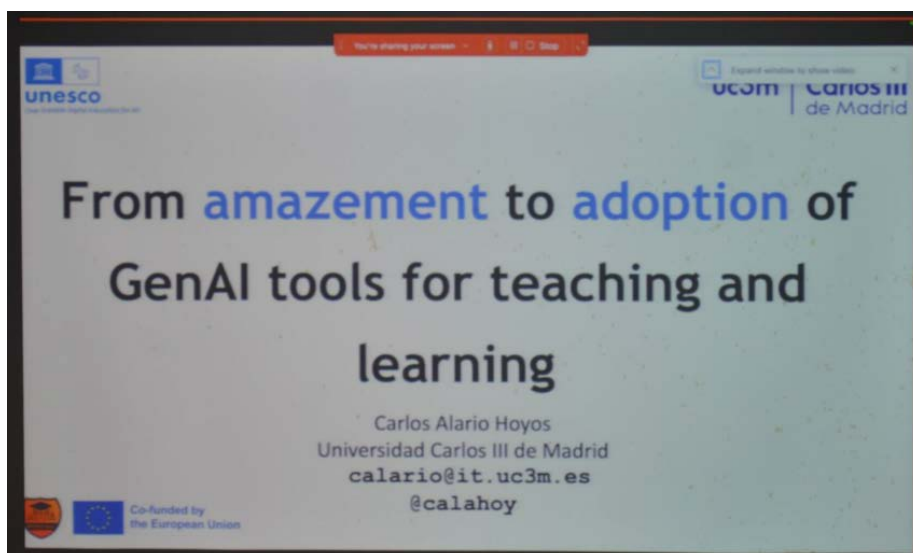
April - June 2024



A guest lecture was conducted on 6th May 2024 for the class CDT543 Systematic & Lean Innovation Management, a course for the Master of Science in Digital Transformation.

The first guest lecture titled “Introduction to Lean Management – Approach & Technique” was delivered by Associate Professor Dr. Sim Hock Kheng, who is a TRIZ Level 3 Trainer and Lean Six Sigma Practitioner.

The second guest lecture was delivered by Associate Professor Dr. Yeap Gik Hong. He introduced the TRIZ history and Malaysia TRIZ Association to the students.



On 7 June 2024, Associate Professor Dr. Carlos Alario Hoyos from Universidad Carlos III de Madrid visited the School of Computer Sciences and delivered a lecture titled "From amazement to adoption of GenAI tools for teaching and learning" to the postgraduate students.

April - June 2024



Visit from Temasek Polytechnic Singapore, 7 May 2024



Visit from Keele University, England on 7 May 2024

April - June 2024

CSIF-ICAP 2024

Computer Science- Industry Forum & Industry-Community Advisory Panel Meeting 16 May 2024

Venue: Olive Tree Hotel, Penang



CSIF focus group discussion

Theme:
“Fostering Strategic
Engagement for Sustainable
University-Industry
Partnership”



ICAP forum



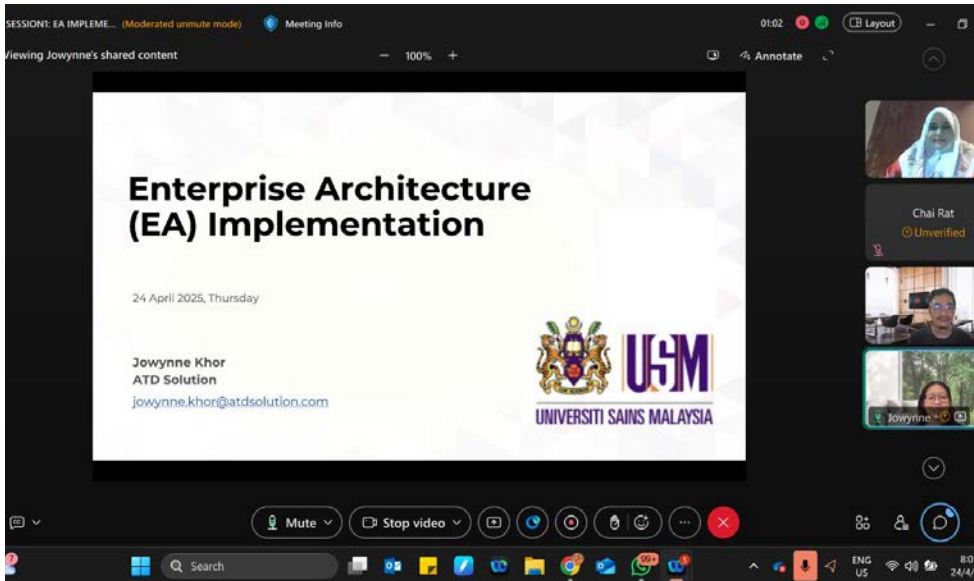
CSIF members



ICAP members

April - June 2024

Online Industry Talk Series



Speaker:

Ms. Jowynne Khor,
TOGAF EA Foundation &
BTABOK Trainer

Session 1:

Date: 24 April 2025

Topic:

Enterprise Architecture
Implementation

Session 2:

Date: 30 May 2024

Topic:

Reskilling and
Upskilling : Why and
How companies are
implementing EA for
Digital Transformation



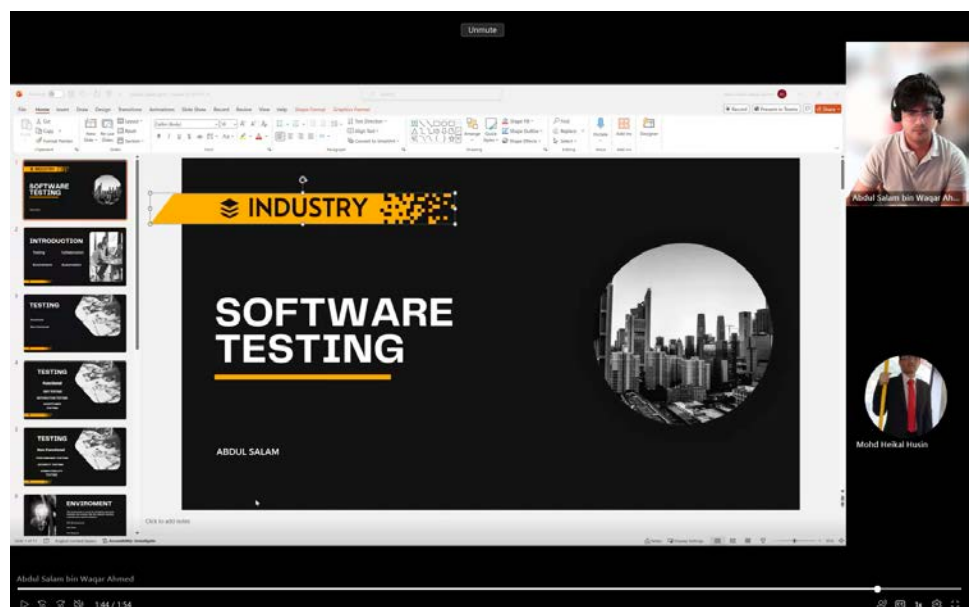
Date: 27 June 2024

Topic:

Software Testing &
Generative AI

Speaker:

En. Abdul Salam bin
Waqar Ahmed, Mobile
Developer, KWSP



July - September 2024



On 2nd July 2024, a guest lecture for CSE443 Real Time Software Engineering was held. Two speakers from NI Malaysia Sdn Bhd participated. The first speaker, Mr. Je Yen Tam, shared insights on real-time operating systems from an industry perspective. The second speaker, Mr. Chris Lian, demonstrated the NI Real-Time Academia myRIO through a video.



Visit by Peking University, China (19 August 2024)

July - September 2024

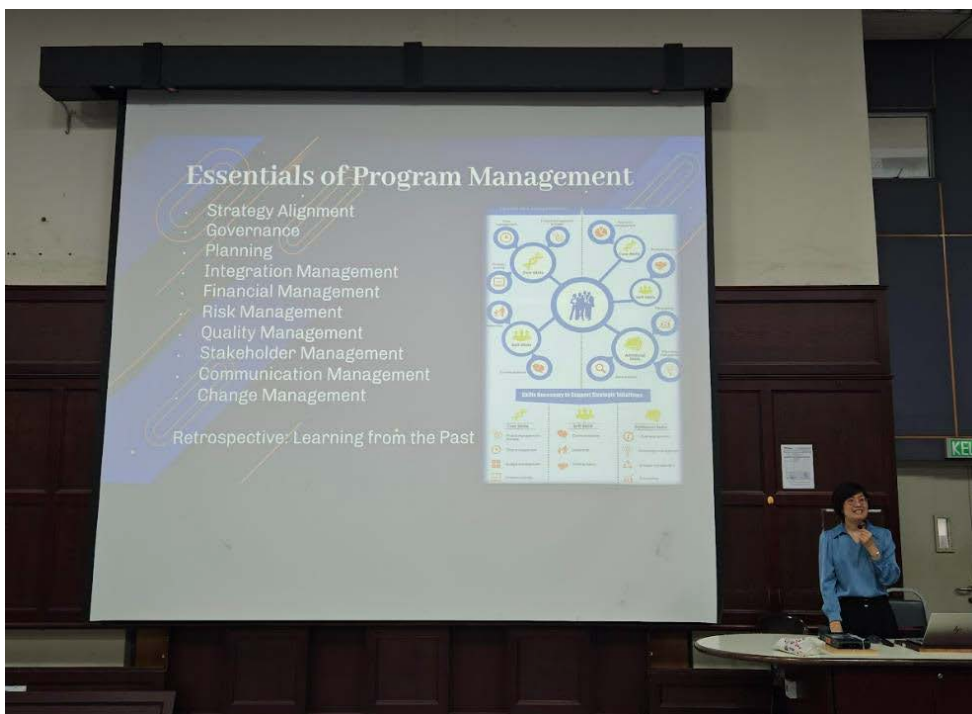


**MDEC Visitation for Premier Digital Tech Institution (PDTI) Assessment
22 August 2024**

October - December 2024



Guest Lecture from Associate Professor Dr. Awinder Kaur, University of Warwick on 3 November 2024.



A guest lecture was conducted on December 13, 2025 for the CSE241/CMM341 Foundations of Software Engineering class. The guest speaker is Ms Teresa Toh Hoon Hoon, the Director of the Program Management Office at Altera, an Intel Company. The lecture topic is "Program Management & Agile Best Practices in the Industry."

October - December 2024

USM, November 9, 2024: The MY Universities Hackathon 2024 was organised by HackQuest, Universiti Sains Malaysia (USM), and Universiti Teknologi Malaysia (UTM). The event, which ran from September to November 2024, was also co-hosted with KIP Protocol and Open Campus. It was also sponsored by the Ethereum Foundation and Road to Devon. The event is also supported by the USM Google Development Student Club.

The judges included Ts. Dr. Mohd Najwadi Yusoff (USM, as judge coordinator), Dr. Jennifer Dodgson from KIP Protocol, Mr. Ching Sue Hok, the CEO of Getcto Sdn Bhd, Ms Venus Khor, the Chief Brand Officer of Masverse, and Mr. Joseph Saw, a Senior Developer from Floki. There are also four industry and academic talks given by Mr. Manish Barnwal, Dev Rel from HackQuest, Dr. Jennifer Dodgson from KIP Protocol, Associate Professor Dr. Manmeet Kaur Mahinderjit Singh from the School of Computer Sciences, USM, and Ts. Dr. Nur Haliza Binti Abdul Wahab, Head of Pervasive Computing Research Group (PCRG), Faculty of Computing, UTM.



October - December 2024



PROGRAM OUTREACH BERSAMA KWSP



1 OKTOBER 2024 (SELASA)
9.00 PAGI - 5.00 PETANG
SAINS@USM, BUKIT JAMBUL



Bawa IC dan Telefon Bimbit!

DAH ADA KWSP i-AKAUN?

- Semak Penyata Caruman
- Tambah Simpanan
- Penamaan
- Pengeluaran Online
- Kemaskini Maklumat
- i-Lindung

i-SARAAN/ i-SURI

Caruman dengan insentif khas daripada pihak kerajaan bagi ahli yang bekerja sendiri/tiada pendapatan tetap



i-SAYANG

Caruman 2% daripada 11% caruman anda kepada pasangan anda

LINDUNGI ORANG TERSAYANG

Mudahkan Agihan Simpanan Kepada Waris atau Benefisiari Anda

Kepentingan Penamaan

- Proses pengeluaran lebih cepat dan mudah
- Mengelakkan sebarang kos dan kerumitan mendapatkan surat kuasa (surat pentadbiran mahkamah/ institusi perundangan/ Amanah Raya Berhad)

Daftar dan kemaskini
PENAMAAN



Muat turun aplikasi mudah alih
KWSP i-Akaun anda



TAMBAH SIMPANAN ANDA SECARA SUKARELA

- Voluntary Contribution (VC)
- Voluntary Excess (VE)
- Produk dan Perkhidmatan KWSP



October - December 2024

Vitrox Visitation 4 December 2024





AWARDS

February 2024

Majlis Anugerah Sijil Dekan, Semester 2, 2022/2023

Date : 20th February 2024 (Tuesday)



Jun 2024

Virtual Innovation Competition (VIC24)



July 2024

PIXEL 2024 Awards & Closing Ceremony

Date : 2nd July 2024 (Tuesday)



July 2024

Majlis Anugerah Sijil Dekan, Semester 1, 2023/2024

Date : 5th July 2024 (Friday)



Desember 2024



Kudos to “Milo Ikat Bawah”.

Three third-year students from the School of Computer Sciences, Universiti Sains Malaysia, Lee Ying Shen, Lim Ting Juin, and Lai Yicheng, proudly emerged as the 2nd runner-up in Datathon 2024. Organised by the Universiti Malaya Data Analytics Club (UMDAC), the competition was held on 27 Dec 2024 at the Faculty of Computer Science and Information Technology, Universiti Malaya. Besides the certificate of achievement, the team’s exceptional performance earned them a cash prize of RM1000. Datathon 2024 focused on the theme of data analytics in cryptocurrency, challenging participants to apply their analytical expertise and innovative thinking to tackle complex issues in the fast-paced digital assets landscape. This achievement reflects their hard work, creativity, and teamwork.

Tarikh/Tempat	Pertandingan/ Program	Anugerah	Penerima
30 Ogos 2024; Singapura	Tech4Good 2024 International Council of Malaysians Scholars (ICMS)	Champion	<u>Pelajar</u> 1. Angel Ang 2. Lim Chin Feng 3. Gwee Per Ming
22nd September to 27th September Shenzhen, China	Huawei Seeds for the Future Program 2024	Top 8 Winner	<u>Staf Akademik</u> Ts. Dr. Mohd Najwadi Bin Yusoff @ Abdul Rahman
13 Oktober 2024 / UiTM Johor	Johor International Innovation Invention Competition and Sysmposium (JIICaS 2024)	1) Gold Award (Category A : Science & Technology) Produk: PINKRIBBON: BREAST HEALTH COMPANION	Pensyarah : Dr. Nor Athiyah Abdullah Pelajar : Nur Alya Mazlan
		2) Gold Award (Category A : Science & Technology) Produk: MYRENO- HOME DECORATION PORTAL	Pensyarah : Dr. Azleena Mohd Kassim Pelajar : Syed Muhammad Haikal Syed Husni
		3) Gold Award (Category A : Science & Technology) Produk: RESOURCE DISTRIBUTION SYSTEM POST- DISASTER	Pensyarah : Dr. Azleena Mohd Kassim Pelajar : Manisha Nadiha Mohd Yusof
		4) Silver Award (Category A : Science & Technology) Produk: UNISHED USM: CLASS TIMETABLE MANAGEMENT SYSTEM	Pensyarah : Ts. Dr. Mohd Heikal Husin Pelajar : Nur Syahirah Norazman
		5) Silver Award (Category A : Science & Technology) Produk: BAKERS' HUB: YOUR DIGITAL BUSINESS BUDDY (HOME BAKERY MANAGEMENT SYSTEM)	Pensyarah : Ts. Dr. Mohd Heikal Husin Pelajar : Nur Irdina Mohamad Irwan