

# FCI Postgraduate Research Colloquium Cycle 1 / 2024

**Date:** 5 June 2024  
**Room:** 1  
**MS. Team Link:** <https://teams.microsoft.com//meetup->

Time (use 12-hour format)	Student Name	Program	Research Title
11.00 am - 11.25 am	MOUSUMI AHMED MIMI	Ph.D. (I.T.)	Machine Learning Approaches in Detecting and Preventing Spyware Attacks
11.25 am - 11.50 am	CHONG WING KIN	M.Sc. ( I.T.)	OBJECTIVITY AND SUBJECTIVITY CLASSIFICATION FOR SENTIMENT ANALYSIS
11.50 am - 12.15 pm	RITHESH KANNAN	M.Sc. ( I.T.)	Prediction of Infectious Disease Outbreaks using Machine Learning Techniques
12.15 pm - 12.40 pm	ARSHAD JAMAL	Ph.D. (I.T.)	Improved Algorithm for Source Signal Separation in Auscultation: Advancing Diagnosis of Pulmonary and Cardiovascular Diseases
<b>Break-time</b>			
2.00 pm - 2.25 pm	NURUL AQMA BINTI SALLEH	M.Sc. ( I.T.)	Design and Analysis of Effective Instructional Design Strategies for
2.25 pm - 2.50 pm	MOHAMMAD HARIS	M.Sc. ( I.T.)	Classification Model for Predicting Project Cost and Schedule Slippage Using Machine Learning Techniques
2.50 pm - 3.15 pm	SAJIDA QURESHI	Ph.D. (I.T.)	Digital Targeted Advertising Using Machine Learning Techniques
3.15 pm - 3.40 pm	JIANG ZHENG	Ph.D. (I.T.)	Business Rule Management Framework for Internet of Vehicles (IoV) Applications
3.40 pm - 4.05 pm	YOGESWARI A/P SHABADURAI	Ph.D. (I.T.)	Personalized Gamified Microlearning Framework for Online Training and Development
4.05 pm - 4.30 pm	CHONG SHIN YAN	M.Sc. ( I.T.)	Personalised Microlearning Resources Generation And Delivery In Mobile Learning Environment
4.30 pm - 4.55 pm	MAHMOUD YEHIA EMAM SELIM REHAN	M.Sc. ( I.T.)	AI-DRIVEN NATURAL DISASTER RESILIENCE: PREDICTIVE MODELLING AND RESPONSE OPTIMIZATION
4.55 pm - 5.20 pm	SHAHBE BINTI MAT DESA	Ph.D. (I.T.)	Shadow Detection and Removal on Aerial Images
5.20 pm - 5.45 pm	AMALINA BT IBRAHIM	Ph.D. (I.T.)	UNDERWATER CORROSION RECOGNITION USING COLOUR ILLUMINATION MAPPING

**Date:** 5 June 2024  
**Room:** 2  
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Time	Student Name	Program	Research Title
11.00 am - 11.25 am	LI AORAN	Ph.D. (I.T.)	Encouraging Physical Exercise with Smartphone Games
11.25 am - 11.50 am	LEE WING SHUM	M.Sc. ( I.T.)	StreetSAFE - Smartphone Assisted Fault Examination: A Collaborative Road Condition Monitoring System
11.50 am - 12.15 pm	ARPITA BHATTACHARIJEE	M.Sc. ( I.T.)	Retail Site Recommendation: AI Approach for Location Analytics
12.15 pm - 12.40 pm	BAN KAR WENG	Ph.D. (I.T.)	Automated Tactical Analysis of Broadcast Badminton Match Videos
<b>Break-time</b>			
2.00 pm - 2.25 pm	ELDAR YESKUATOV	M.Sc. ( I.T.)	Suicidal Thoughts Detection in Social Media Forums
2.25 pm - 2.50 pm	PARSA SALEHI	M.Sc. ( I.T.)	Adaptive Novelty Detection System for Continual Learning of Human Activity
2.50 pm - 3.15 pm	AHMED ELSAYED MOSTAFA ABDLEREHIM ABOUELNAGA SANAD	M.Sc. ( I.T.)	Predictive Modeling For Personalized Product Recommendations In E-Commerce
3.15 pm - 3.40 pm	MD RAKIBUL HASAN	M.Sc. ( I.T.)	Exploring the Potential of Machine Learning for Enhancing Job Recommendation Systems
3.40 pm - 4.05 pm	NURULHUDA BINTI MOHAMAD ALI	M.Sc. ( I.T.)	Malay Language Corpus: Enabling POS-Tagging in Korpus Dewan Bahasa dan Pustaka (DBP)
4.05 pm - 4.30 pm	MAW MAW	Ph.D. (I.T.)	An Enhanced Churn Prediction Framework in Telecommunication Sector using Data Mining and Machine learning Techniques
4.30 pm - 4.55 pm	TAN KAI YUAN	Ph.D. (I.T.)	A Correlational Analysis of Fast-Converging Reinforcement Learning Design for Software-Defined Networking Migration in Dynamic Networks
4.55 pm - 5.20 pm	NG DAN D	M.Sc. ( I.T.)	Modified Principal Component Analysis on Hamming Cube for Action Recognition
5.20 pm - 5.45 pm	WAFAA SALIM ALI KHAMIS AL MAQBALI	Ph.D. (I.T.)	Incorporating Multi-Agent Systems with Deep Neural Nets for Distributed Modelling of Smart Parking Systems

**Date:** 5 June 2024  
**Room:** 3  
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Time	Student Name	Program	Research Title
11.00 am - 11.25 am	SHATISWARAN A/L VIGIAN	M.Sc. ( I.T.)	Novel Algorithm Based on Artificial Intelligence-Assisted Analysis of Heart Sounds Auscultation for Acute Cardiovascular Illnesses in Noisy Environments
11.25 am - 11.50 am	NISHAN MD ABU	Ph.D. (I.T.)	Model-Based Clustering and Classification Strategies for Diagnosis of Diabetes
11.50 am - 12.15 pm	MOHAMMED AL HAEK	Ph.D. (I.T.)	Novel AI-based Model for Change Detection on Malaysian Landscape using Google Satellite Images
12.15 pm - 12.40 pm	CHAI MING XUAN	M.Sc. ( I.T.)	Hybrid Learning Model for Plant Condition Assessment
<b>Break-time</b>			
2.00 pm - 2.25 pm	INJAMUL HAQUE SUVON	M.Sc. ( I.T.)	LOCATIC 2.0: Retail-to-Site Recommender
2.25 pm - 2.50 pm	LIM CHOON CHEN	Ph.D. (I.T.)	Deep Neural Network for Concurrent Low-light Image Enhancement and Object Classification
2.50 pm - 3.15 pm	KHALEDUZZAMAN	M.Sc. ( I.T.)	Natural Language Processing and Machine Learning Approaches to Improve Requirements Specification in Software Requirements Engineering
3.15 pm - 3.40 pm	NEVEEN IBRAHIM ABDELHAMID ABDRABOH	Ph.D. (I.T.)	Clinical Decision Support To Assist Osteoporosis Disease Treatment Using Data Mining
3.40 pm - 4.05 pm	CHONG LIANG ZHE	M.Sc. ( I.T.)	UNIVERSITY STUDENT BURNOUT PREDICTION USING MACHINE LEARNING
4.05 pm - 4.30 pm	TEH SEK KIT	Ph.D. (I.T.)	Leveraging Machine Learning Techniques for Multimodal Personalized Learning In Programming
4.30 pm - 4.55 pm	CHITURU CHINWE MIRACLE	Ph.D. (I.T.)	INVESTIGATING THE QUALITY INFORMATION SYSTEM IN BUSINESS DECISION MAKING PROCESS
4.55 pm - 5.20 pm	NUR AZYATI AHMAD	M.Sc. ( I.T.)	Framework For Optimising Data Analytics With E-Learning Recommender Model
5.20 pm - 5.45 pm	RESHMA SREEJITH	Ph.D. (I.T.)	NOVEL ALGORITHM BASED ON ARTIFICIAL INTELLIGENCE-ASSISTED ANALYSIS OF LUNG SOUNDS AUSCULTATION FOR ACUTE RESPIRATORY ILLNESSES IN NOISY ENVIRONMENTS

**Date:** 5 June 2024  
**Room:** 4  
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Time	Student Name	Program	Research Title
11.00 am - 11.25 am	OWIS KWEDER	Ph.D. (I.T.)	Multimodal Sentiment Analysis
11.25 am - 11.50 am	MUHAMMAD AFIQ BIN ABDULLAH	M.Sc. ( I.T.)	ANOMALY DETECTION FOR ABNORMAL SURFACE DEFECT
11.50 am - 12.15 pm	SHAABAN, MOHAMMED NAJIB AHMED	M.Sc. ( I.T.)	Spatio-Temporal Analysis and Modeling of Disease Outbreak with Satellite Images
12.15 pm - 12.40 pm	MAJIDIN BIN ABDULLAH	Ph.D. (I.T.)	Space Debris Identification Deep Learning Techniques
<b>Break-time</b>			
2.00 pm - 2.25 pm	SHUBAR, ABDUELHAKEM G ABDUSALAM	M.Sc. ( I.T.)	Machine Learning Models For Early Prediction And Management Of Dementia Related Disorders
2.25 pm - 2.50 pm	ZAFAR ALI	Ph.D. (I.T.)	Machine Learning Approaches for the Analysis and Detection of Obfuscated Malware
2.50 pm - 3.15 pm	ABDULLAHI KABIRU	Ph.D. (I.T.)	Big Data Analytics and Evaluation for Cancer Prognosis and Diagnosis
3.15 pm - 3.40 pm	THIVAAGAR A/L S.THAMIL SELVAN	M.Sc. ( I.T.)	Hybrid Compression-Encryption Models on Biomedical Signals for Telemedicine and Storage Applications
3.40 pm - 4.05 pm	MOESFA SOEHEILA BINTI MOHAMAD	Ph.D. (I.T.)	Provable Security For Interactive Cryptographic Schemes
4.05 pm - 4.30 pm	JIAO LIXIAN	Ph.D. (I.T.)	Key Theories and Technology of Digital Image Blind Forensics: Copy-move Forgery Detection
4.30 pm - 4.55 pm	NEOH HOO THYE	Ph.D. (I.T.)	Interpreting Machine Learning Model for Generic Needs on Marital Satisfaction
4.55 pm - 5.20 pm	AN, DA	Ph.D. (I.T.)	Intelligent Inspection of Manufacturing Workpiece Based on Parallel Processing of Machine Vision
5.20 pm - 5.45 pm	HARLINA BINTI HARUN	Ph.D. (I.T.)	MACHINE LEARNING FOR AUTOMATIC CODE GENERATION FOR SOFTWARE DESIGN