ACADEMIC STAFF

+ Fakulti Teknologi Kejuruteraan Kimia Dan Proses (104)
+ Fakulti Teknologi Kejuruteraan Awam (83)
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+ Fakulti Komputeran (85)
+ Fakulti Teknologi Kejuruteraan Mekanikal Dan Automotif (92)
+ Fakulti Sains Dan Teknologi Industri (78)
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ACADEMIC QUALIFICATION

. 2018 : IJAZAH KEDOKTORAN (DOCTORAL DEGREE), UNIVERSITI TEKNOLOGI MALAYSIA, SKUDAI
. 2007 : IJAZAH SARJANA (MASTERS DEGREE), UTM
. 2002 : IJAZAH SARJANA MUDA (BACHELOR DEGREE), UTM
. 1996 : SPM, SEK.MEN(P) METHODIST, KUANTAN

EXPERTISE

EXPERT AREA	MAJOR	YEARS OF EXPERTISE	LEVEL
ARTIFICIAL INTELLIGENCE	COMPUTATIONAL MACHINE LEARNING	10	TINGGI
SOFT COMPUTING	DATA MINING AND ANALYSIS	10	TINGGI
SOFT COMPUTING, DATA MINING, ARTIFICIAL INTELLIGENCE (KOHONEN NEURAL NETWORK), ADAPTIVE HYPERMEDIA LEARNING SYSTEM.	-	0	-

EMPLOYMENT HISTORY

EMPLOYER	POST	JOIN DATE	RESIGN DATE	STATUS
Faculty Of Computer Science And Information Systems	Pembantu Penyelidik	02/09/2002	29/10/2004	Kontrak
Research Management Centre, Utm Skudai	Pegawai Penyelidik	02/07/2007	31/12/2007	Kontrak
Faculty Of Engineering, Uniten, Selangor	Pembantu Penyelidik	01/02/2008	29/06/2008	Kontrak

RESEARCH

NO.	TITLE	ROLE	START DATE	END DATE	STATUS
1.	PATHFINDING ALGORITHM USING PARTICLE SWARM OPTIMIZATION IN DEFEND-ATTACKER GAMES (UIC241516)	Leader	15-DEC-2024	14-DEC-2026	Sedang Berjalan
2.	PATHFINDING ALGORITHM USING PARTICLE SWARM OPTIMIZATION IN DEFEND-ATTACKER GAMES (RDU242714)	Leader	15-DEC-2024	14-DEC-2026	Sedang Berjalan
3.	IMPLICIT USER PROFILING FOR STUDENT PERSONALIZATION IN ADAPTIVE HYPERMEDIA LEARNING SYSTEM	Leader	15-DEC-2019	14-MAR-2022	Tamat (Tutup Projek)
4.	Improved Salp Swarm Algorithm using Levy Probability Distribution for Time Series Prediction	Member	01-SEP-2019	31-MAY-2022	Selesai (Tidak Mencapai KPI)
5.	ENHANCEMENT OF SPARSE-FILTERED CONVOLUTIONAL NEURAL NETWORK WITH LAYER-SKIPPING STRATEGY METHOD IN FEATURE SELECTION PHASE FOR VEHICLE TYPE CLASSIFICATION	Member	15-MAR-2019	14-JUN-2021	Selesai (Mencapai Semua KPI)
6.	INTERACTIVE VIRTUAL ENVIRONMENT FOR ENDANGERED SPECIES IN ZOO NEGARA MALAYSIA	Leader	15-MAR-2019	14-JUN-2021	Tamat (Tutup Projek)
7.	A New Hexagonal Lattice Structure in Kohonen's Supervised Neural Network Learning Algorithm for Dataset Classification Problem	Leader	01-JAN-2019	30-SEP-2021	Selesai (Tidak Mencapai KPI)
8.	An adaptive modeling of dengue disease from multiple sources of data using ensemble of neural network and seasonal autoregressive moving average	Member	01-JAN-2019	30-SEP-2021	Selesai (Tidak Mencapai KPI)
9.	Improving The Integrity Of Halal Supply Chain Management Through Blockchain Technology	Member	28-JUN-2017	27-JUN-2019	Selesai (Mencapai Semua KPI)
10.	AN ARTIFICIAL INTELLIGENCE BASED EFFICIENT RECOMMENDER SYSTEM FOR ACADEMIC LITERATURE	Member	15-MAY-2017	14-MAY-2019	Selesai (Mencapai Semua KPI)
11.	Spiking Neural Network for Anomaly Detection in Time Series Data	Leader	20-JUL-2016	19-JUL-2018	Selesai (Mencapai Sebahagian KPI)

12.	Heavy precipitation forecasting using hybrid Artificial Neural Network (ANN) and Auto Regressive Integrated Moving Average (ARIMA)	Member	29-JUN-2016	28-FEB-2018	Selesai (Mencapai Sebahagian KPI)
13.	FLOOD MITIGATION MECHANISMS IN MINIMIZING FLOOD CALAMITIESï¿½Flood Hazard Map (FHM) and early Flood Warning System (FWS) for Kuantan River Basin	Member	25-NOV-2015	24-NOV-2017	Tamat (Tutup Projek)
14.	Development of a Bahasa Malaysisa Chatbot for Diabetes Management Activities	Member	01-AUG-2010	31-JUL-2011	Tamat (Perlu hantar laporan akhir)
15.	A Study on Wood Species Recognition for Malaysian Timber	Member	01-JUL-2010	30-JUN-2011	Tamat (Perlu hantar laporan akhir)
16.	A Study on Digital Image Processing for Machine Vision Inspection System	Member	01-MAY-2010	30-APR-2012	Tamat (Perlu hantar laporan akhir)
17.	Bluetooth User Driven M-Advertising Using Pull-Based Approach	Member	01-MAY-2010	30-APR-2012	Tamat (Perlu hantar laporan akhir)
18.	Data Analysis For Tsunami Formulation	Leader	01-JAN-2010	01-JAN-2012	Tamat (Perlu hantar laporan akhir)
19.	A Study and Development of Internet Literacy Self-Learning Toolkit: Enhancement using Multi Dialect in Voice Assisted Intruction	Member	01-MAY-2009	31-DEC-2010	Tamat (Tutup Projek)

PUBLICATION

TYPE	PUBLICATION	TARIKH PENERBITAN	TYPE OF CONTRIBUTION
REFEREED PUBLICATION			
BOOK CHAPTER	Banking Deposit Number Recognition Using Neural Network	22/08/2011	15

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