



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

NAME TS. DR. MOHAMAD FANI BIN SULAIMA

FACULTY / CENTRE FAKULTI KEJURUTERAAN ELEKTRIK

DESIGNATION PENSYARAH UNIVERSITI

CURRENT POSITION PENGURUS TENAGA - PEJABAT PENOLONG NAIB CANSOLOR (PEMBANGUNAN & PENGURUSAN FASILITI)

EMAIL fani@utem.edu.my



ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2020	KEDOKTORAN FALSAFAH (PH.D)	UITM, SHAH ALAM
2013	SARJANA (MASTERS)	UNIVERSITI MALAYA
2010	SARJANA MUDA (BACHELOR)	TOKAI UNIVERSITI

FIELD OF INTEREST

POWER AND ENERGY

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2021/2022	BEKG1123 - PRINCIPLES OF ELECTRICAL AND ELECTRONICS
2021/2022	BKKM1921 - ELECTRICAL ENERGY MANAGEMENT
2020/2021	BEKB1131 - ENGINEERING PRACTICE I
2020/2021	BEKG2433 - ELECTRICAL SYSTEMS
2020/2021	BEKP4853 - ENERGY UTILIZATION AND CONSERVATION
2020/2021	BKKM1911 - SUSTAINABILITY OF GREEN PRACTICES
2020/2021	BKKM1921 - ELECTRICAL ENERGY MANAGEMENT
2020/2021	BKKM1931 - ENVIRONMENTAL AND GREEN TECHNOLOGY
2020/2021	BMMA1313 - PRINCIPLES OF ELECTRICAL & ELECTRONIC
2016/2017	BEKU4883 - ENGINEERING ETHICS

LIST OF GRANTS *(last 5 years)*

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2021	EFFECTIVE ELECTRICITY COST IN BUILDING BY OPTIMIZING LOAD MANAGEMENT STRATEGY UNDER DEMAND SIDE INITIATIVE IN MALAYSIA	GERAN FRGS (NATIONAL)	71200	MAIN RESEARCHER
2017	REHABILITATION DEVICE IN SENSORY INTEGRATION THERAPY FOR AUTISM CHILDREN	SHORT TERM (UTEM)	20000	CO-RESEARCHER
2017	A NEW OPTIMIZATION TECHNIQUE OF SUPPORT VECTOR MACHINE FOR ELECTRICITY MARKET PRICE FORECASTING	GERAN FRGS (NATIONAL)	60208	CO-RESEARCHER

PUBLICATIONS (last 5 years)**JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2021	ANALYSIS OF LOAD VARIATION CONSIDERATION FOR OPTIMAL DISTRIBUTED GENERATION PLACEMENT	(IJACSA) INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	
2020	INDUSTRIAL ENERGY LOAD PROFILE FORECASTING UNDER ENHANCED TIME OF USE TARIFF (ETOU) USING ARTIFICIAL NEURAL NETWORK	(IJACSA) INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	
2020	SUSTAINABLE HOME ENERGY MANAGEMENT OF MOVEMENT CONTROL ORDER DUE TO PANDEMIC COVID-19 BY USING 5CORE PROCEDURE METHOD	INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND TECHNOLOGY	
2019	A REVIEW OF ELECTRICITY PRICING IN PENINSULAR MALAYSIA: EMPIRICAL INVESTIGATION ABOUT THE APPROPRIATENESS OF ENHANCED TIME OF USE (ETOU) ELECTRICITY TARIFF	RENEWABLE AND SUSTAINABLE ENERGY REVIEWS	MOHAMAD FANI SULAIMA, NOFRI YENITA DAHLAN, ZUHAILA MAT YASINA, MARLINDA MOHD ROSLI, ZULKIFLEE OMAR, MOHAMMAD YUSRI HASSAN
2019	DETECTION OF AEDES AEGYPTI LARVAE USING SINGLE SHOT MULTIBOX DETECTOR WITH TRANSFER LEARNING	BULLETIN OF ELECTRICAL ENGINEERING AND INFORMATICS	MOHAMAD AQIL MOHD FUAD, MOHD RUDDIN AB GHANI, ROZAIMI GHAZALI, TARMIZI AHMAD IZZUDDIN, MOHAMAD FANI SULAIMA, ZANARIAH JANO, TOLE SUTIKNO
2018	AN IMPROVED METHOD FOR RECONFIGURING AND OPTIMIZING ELECTRICAL ACTIVE DISTRIBUTION NETWORK USING EVOLUTIONARY PARTICLE SWARM OPTIMIZATION	APPLIED SCIENCES (SWITZERLAND)	NUR FAZIERA NAPIS, AIDA FAZLIANA ABD. KADIR, TAMER KHATIB, ELIA ERWANI HASSAN AND MOHAMAD FANI SULAIMA
2018	BUILDING ENERGY MANAGEMENT SAVING BY CONSIDERING LIGHTING SYSTEM OPTIMIZATION VIA ANOVA METHOD	4TH INTERNATIONAL CONFERENCE ON COMPUTER AND TECHNOLOGY APPLICATIONS, ICCTA 2018	BOHARI, Z.H.EMAIL AUTHOR, GHAZALI, R.EMAIL AUTHOR, ATIRA, N.N., SULAIMA, M.F., RAHMAN, A.A., NOR, M.K.

CONFERENCE

YEAR	TITLE	NAME OF CONFERENCE	AUTHORS
2018	ENERGY AUDIT IN PUBLIC HIGHER LEARNING INSTITUTION: A CASE FOR CHANCELLERY BUILDING	PROCEEDINGS OF MECHANICAL ENGINEERING RESEARCH DAY 2018	M.I.M. HAFIZ, M.F. SULAIMA, J.A. RAZAK, M.M. TAHIR, Z.H. BOHARI, M.K.M. NOR, A. OTHMAN, S.R. OMAR
2018	ENERGY AUDIT IN PUBLIC HIGHER LEARNING INSTITUTION: A CASE FOR LIBRARY	PROCEEDINGS OF MECHANICAL ENGINEERING RESEARCH DAY 2018	M.I.M. HAFIZ, M.F. SULAIMA, J.A. RAZAK, M.M. TAHIR, Z.H. BOHARI, M.K.M. NOR, A. OTHMAN, S.R. OMAR
2017	ENERGY AUDIT IN MALAYSIA PUBLIC HOSPITAL	PROCEEDINGS OF MECHANICAL ENGINEERING RESEARCH DAY 2017	M.I.M HAFIZ, M.F. SULAIMA

PROFESSIONAL MEMBERSHIPS / LEARNED SOCIETY

YEAR	ROLE	INSTITUTION	LEVEL
2020	TEKNOLOGIS PROFESIONAL (LEMBAGA TEKNOLOGIS MALAYSIA)	LAIN-LAIN	KEBANGSAAN

POSTGRADUATE SUPERVISION *(last 5 years)*

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	ALWAHIB GHASSAN JAWAD KADHIM	DOCTORATE	CO-SUPERVISOR	ACTIVE
2	NUR FAZIERA BINTI NAPIS	MASTERS	CO-SUPERVISOR	GRADUATED (2017)
3	LAU CHEIW YUN	MASTERS	CO-SUPERVISOR	GRADUATED (2017)

STAFF PROFILE

KATEGORI MAKLUMAT	PEJABAT DIRUJUK
PERSONAL INFORMATION	BAHAGIAN SUMBER MANUSIA, PEJABAT PENDAFTAR
ACADEMIC QUALIFICATON	
PROFESSIONAL MEMBERSHIP / LEARNED SOCIETY	
TEACHING EXPERIENCE	BAHAGIAN PENGURUSAN AKADEMIK, PEJABAT PENDAFTAR
<ul style="list-style-type: none"> • UNDERGRADUATES 	
<ul style="list-style-type: none"> • POSTGRADUATES 	PUSAT PENGAJIAN SISWAZAH (PPS)
POSTGRADUATE SUPERVISION	PUSAT PENGAJIAN SISWAZAH (PPS)
FIELD OF INTEREST	PUSAT PENGURUSAN PENYELIDIKAN DAN INOVASI (CRIM)
LIST OF GRANTS	
LIST OF RESEARCH AWARDS	PUSAT PENGKOMERSILAN (UCC)
INTELLECTUAL PROPERTIES	
COMMERCIALIZATION	
PUBLICATIONS	PERPUSTAKAAN LAMAN HIKMAH
CONSULTANCY	PUSAT JARINGAN INDUSTRI DAN MASYARAKAT (PJIM)