



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

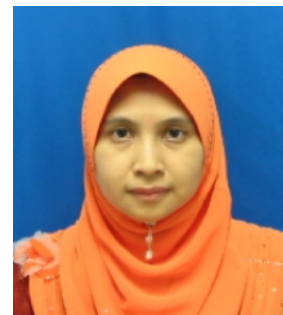
NAME IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR

FACULTY / CENTRE FAKULTI KEJURUTERAAN ELEKTRIK

DESIGNATION PENSYARAH UNIVERSITI

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

EMAIL fazliana@utem.edu.my



ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2014	KEDOKTORAN FALSAFAH (PH.D)	UNIVERSITI KEBANGSAAN MALAYSIA
2001	SARJANA (MASTERS)	UNIVERSITI TEKNOLOGI MALAYSIA SKUDAI
2000	SARJANA MUDA (BACHELOR)	UNIVERSITI TEKNOLOGI MALAYSIA SKUDAI

FIELD OF INTEREST

POWER QUALITY, DISTRIBUTED GENERATION AND OPTIMIZATION

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2021/2022	BEKB1131 - ENGINEERING PRACTICE I
2021/2022	BEKG2433 - ELECTRICAL SYSTEMS
2021/2022	BKKM1921 - ELECTRICAL ENERGY MANAGEMENT
2020/2021	BEKB2331 - ELECTRICAL ENGINEERING LABORATORY I
2020/2021	BEKG2433 - ELECTRICAL SYSTEMS
2020/2021	BEKP4773 - POWER SYSTEM ANALYSIS
2020/2021	BKKM1921 - ELECTRICAL ENERGY MANAGEMENT
2020/2021	BKKM1931 - ENVIRONMENTAL AND GREEN TECHNOLOGY
2019/2020	BEKB1131 - ENGINEERING PRACTICE I
2019/2020	BEKB2331 - ELECTRICAL ENGINEERING LABORATORY I
2019/2020	BEKG2433 - ELECTRICAL SYSTEMS
2019/2020	BEKP4773 - POWER SYSTEM ANALYSIS
2017/2018	BEKB1231 - ENGINEERING PRACTICE II
2017/2018	BEKG2433 - ELECTRICAL SYSTEMS
2017/2018	BEKP3653 - POWER SYSTEM & HIGH VOLTAGE
2017/2018	BEKP4743 - POWER SYSTEMS ANALYSIS & HIGH VOLTAGE
2017/2018	DEKP3763 - POWER SYSTEM
2016/2017	BEKP3653 - POWER SYSTEM & HIGH VOLTAGE

POSTGRADUATES

SESSION	COURSE
2021/2022	MEKG5123 - ELECTRICAL POWER SYSTEM
2020/2021	MEKG5233 - SUSTAINABLE ENERGY AND DISTRIBUTED GENERATION

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	CO-RESEARCHER
2020	DESIGN OF AN INTELLIGENT ENERGY MANAGEMENT SYSTEM FOR DYNAMIC DEMAND RESPONSE IN SMART COMMERCIAL BUILDINGS	GERAN FRGS (NATIONAL)	126450	MAIN RESEARCHER

PUBLICATIONS (last 5 years)**JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2019	OPTIMAL PLACEMENT AND SIZING OF PHOTOVOLTAIC BASED DISTRIBUTED GENERATION CONSIDERING COSTS OF OPERATION PLANNING OF MONOCRYSTALLINE AND THIN-FILM TECHNOLOGIES	JOURNAL OF SOLAR ENERGY ENGINEERING, TRANSACTIONS OF THE ASME	ABDUL KADIR, A.F, KHATIB, T., LIU, L.S, HASSAN, E.E.
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	DETERMINING VOLTAGE STABILITY MARGIN VALUES BY MEASURING THE HYPOTENUSE UNDER PV AND QV CURVES	INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING AND APPLIED SCIENCES	AHMAD FATEH MOHAMAD NOR, MARIZAN SULAIMAN, AIDA FAZLIANA ABDUL KADIR AND ROSLI OMAR
2018	SUSTAINABLE ENVIRONMENTAL ECONOMIC DISPATCH OPTIMIZATION WITH HYBRID METAHEURISTIC MODIFICATION	INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE	RIDZUAN M.R.M., HASSAN E.E., ABDULLAH A.R., KADIR A.F.A.
2018	VOLTAGE INSTABILITY ANALYSIS BASED ON ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM AND PROBABILISTIC NEURAL NETWORK	JOURNAL OF ENGINEERING AND TECHNOLOGY	AFM NOR; MARIZAN SULAIMAN; AFA KADIR; R OMAR

PROFESSIONAL MEMBERSHIPS / LEARNED SOCIETY

YEAR	ROLE	INSTITUTION	LEVEL
2021	JURUTERA PROFESIONAL	LEMBAGA JURUTERA MALAYSIA (BEM)- (ENGINEERS ACT 1967)	KEBANGSAAN
2017	CHARTERED ENGINEER (INSTITUTION OF ENGINEER AND TECHONOLOGY-IET)	LAIN-LAIN	ANTARABANGSA
2017	AHLI (INSTITUTION OF ENGINEERING AND TECHNOLOGY-IET)	LAIN-LAIN	ANTARABANGSA
2001	JURUTERA SISWAZAH	LEMBAGA JURUTERA MALAYSIA (BEM)- (ENGINEERS ACT 1967)	KEBANGSAAN

POSTGRADUATE SUPERVISION *(last 5 years)*

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	AHMAD FATEH BIN MOHAMAD NOR	DOCTORATE	CO-SUPERVISOR	GRADUATED (2017)
2	NOOR ROPIDAH BINTI BUJAL	DOCTORATE	CO-SUPERVISOR	ACTIVE
3	NUR FAZIERA BINTI NAPIS	MASTERS	MAIN SUPERVISOR	GRADUATED (2017)
4	SA' ADAH BINTI DAUD	MASTERS	MAIN SUPERVISOR	GRADUATED (2017)
5	NABILAH BINTI MAT KASSIM	MASTERS	MAIN SUPERVISOR	GRADUATED (2017)
6	AHMAD SYAFIQ BIN MOHD ZAKI	MASTERS	CO-SUPERVISOR	ACTIVE
7	HOSSAIN JAHANGIR	MASTERS	MAIN SUPERVISOR	ACTIVE

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)