



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

NAME DR. NURUL AIN BINTI MOHD SAID

FACULTY / CENTRE FAKULTI KEJURUTERAAN ELEKTRIK

DESIGNATION PENSYARAH UNIVERSITI

CURRENT POSITION PENSYARAH KANAN - FAKULTI KEJURUTERAAN ELEKTRIK

EMAIL nurulain@utem.edu.my



ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2017	KEDOKTORAN FALSAFAH (PH.D)	UNIVERSITY OF NEW SOUTH WALES
2009	SARJANA (MASTERS)	UNIVERSITY OF STRATHCLYDE, GLASGOW
2009	SARJANA MUDA (BACHELOR)	UTM

FIELD OF INTEREST

POWER ELECTRONICS AND MOTOR DRIVE

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2021/2022	BEKB1131 - ENGINEERING PRACTICE I
2021/2022	BEKE3543 - POWER ELECTRONICS
2020/2021	BEKB4761 - ELECTRICAL ENGINEERING LABORATORY IV
2020/2021	BEKC2433 - SIGNALS AND SYSTEMS
2020/2021	BEKE3543 - POWER ELECTRONICS
2020/2021	BEKG1123 - PRINCIPLES OF ELECTRICAL AND ELECTRONICS
2019/2020	BEKB2331 - ELECTRICAL ENGINEERING LABORATORY I
2019/2020	BEKB2431 - ELECTRICAL ENGINEERING LABORATORY II
2019/2020	BEKC2433 - SIGNALS AND SYSTEMS
2019/2020	BEKG1123 - PRINCIPLES OF ELECTRICAL AND ELECTRONICS
2018/2019	BEKB2331 - ELECTRICAL ENGINEERING LABORATORY I
2018/2019	BEKB2431 - ELECTRICAL ENGINEERING LABORATORY II
2018/2019	BEKB3551 - ELECTRICAL ENGINEERING LABORATORY III
2018/2019	BEKC2433 - SIGNALS AND SYSTEMS
2018/2019	BEKG1123 - PRINCIPLES OF ELECTRICAL AND ELECTRONICS
2018/2019	BEKG1233 - PRINCIPLES OF INSTRUMENTATION AND MEASUREMENT
2017/2018	BEKE1123 - ELECTRONIC DEVICES
2017/2018	BEKE2333 - ANALOGUE ELECTRONICS
2017/2018	BEKG1123 - PRINCIPLES OF ELECTRICAL AND ELECTRONICS

POSTGRADUATES

SESSION	COURSE
2020/2021	MEKG5143 - ELECTRICAL MACHINES AND DRIVES
2020/2021	MEKG5163 - ENERGY CONVERSION

LIST OF GRANTS *(last 5 years)*

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2020	IMPROVING THE METHOD USED IN REDUCING THE HARMONIC CONTENT OF TRANSISTOR CLAMPED H-BRIDGE INVERTER TOPOLOGY BY UTILIZING NEAREST LEVEL CONTROL TECHNIQUE	GERAN FRGS (NATIONAL)	75230	MAIN RESEARCHER
2019	A NEW OPTIMIZATION TECHNIQUE FOR REDUCING HARMONIC DISTORTION IN CLOSED-LOOP MULTILEVEL INVERTER SYSTEM	SHORT TERM (UTEM)	20000	CO-RESEARCHER

CONFERENCE

YEAR	TITLE	NAME OF CONFERENCE	AUTHORS
2018	PERFORMANCE ANALYSIS OF DC MOTOR SPEED CONTROL BY USING GENETIC ALGORITHM TUNING PID AND PID CONTROLLER	SYMPOSIUM OF ELECTRICAL, MECHATRONICS AND APPLIED SCIENCE (SEMA) 2018	-KARAM KHAIRULLAH MOHAMMED, NURUL AIN BINTI MOHD SAID

POSTGRADUATE SUPERVISION *(last 5 years)*

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	WAIL ALI ALI SALEH	MASTERS	MAIN SUPERVISOR	GRADUATED (2021)

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)