



# UNIVERSITI TEKNIKAL MALAYSIA MELAKA

## STAFF PROFILE

**NAME** TS. DR. WAN MOHD BUKHARI BIN WAN DAUD

**FACULTY / CENTRE** FAKULTI KEJURUTERAAN ELEKTRIK

**DESIGNATION** PENSYARAH UNIVERSITI

**CURRENT POSITION** PENSYARAH KANAN - FAKULTI KEJURUTERAAN ELEKTRIK

**EMAIL** bukhari@utem.edu.my



### ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2019	KEDOKTORAN FALSAFAH (PH.D)	THE UNIVERSITY OF SHEFFIELD
2011	SARJANA (MASTERS)	UNIVERSITI TEKNOLOGI MALAYSIA SKUDAI JOHOR
2009	SARJANA MUDA KEPUJIAN(BACHELOR HONS)	UNIVERSITI TEKNOLOGI MALAYSIA SKUDAI

### FIELD OF INTEREST

BIO SIGNAL PROCESSING; ARTIFICIAL INTELLIGENCE; EMG; EOG; EEG; REHABILITATION; PROSTHETIC CONTROLS

### TEACHING EXPERIENCE *(last 5 years)*

#### UNDERGRADUATES

SESSION	COURSE
2021/2022	DEKC2123 - AUTOMATION
2020/2021	DEKC2123 - AUTOMATION
2020/2021	DEKE2113 - ELECTRICAL MACHINES
2020/2021	DEKP1111 - BASIC ELECTRICAL SKILL
2020/2021	DEKP1211 - ELECTRICAL WORKSHOP
2019/2020	DEKC1113 - PRINCIPLES OF INSTRUMENTATION & MEASUREMENT
2019/2020	DEKC3643 - AUTOMATION
2019/2020	DEKP1111 - BASIC ELECTRICAL SKILL
2019/2020	DEKP1211 - ELECTRICAL WORKSHOP
2019/2020	DEKP1223 - ELECTRICAL CIRCUITS II

**POSTGRADUATES**

SESSION	COURSE
2020/2021	MEKH5473 - ENGINEERING STANDARDS

**LIST OF GRANTS** (*last 5 years*)

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2021	A MODEL FOR MID-AIR HAPTIC FEEDBACK TECHNOLOGY BASED ON SOUND POWER LEVEL	GERAN FRGS (NATIONAL)	145000	CO-RESEARCHER
2020	DESIGN AND IMPLEMENTATION OF AN IOT BASED MONITORING AND MANAGEMENT SYSTEMS FOR SPRS	SHORT TERM (UTEM)	20000	MAIN RESEARCHER
2017	CONTROL OF UPPER EXTREMITIES EXOSKELETON USING ELECTROMYOGRAM (EMG) SIGNAL	HIGH IMPACT (UTEM)	38000	CO-RESEARCHER

**PUBLICATIONS** *(last 5 years)***JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2020	STUDY OF K-NEAREST NEIGHBOUR CLASSIFICATION PERFORMANCE ON FATIGUE AND NON-FATIGUE EMG SIGNAL FEATURES	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	W. M. BUKHARI, C. J. YUN, A. M. KASSIM, M. O. TOKHI

**PROFESSIONAL MEMBERSHIPS / LEARNED SOCIETY**

YEAR	ROLE	INSTITUTION	LEVEL
2020	TEKNOLOGIS PROFESIONAL (LEMBAGA TEKNOLOGIS MALAYSIA)	LAIN-LAIN	KEBANGSAAN
2019	AHLI (INTERNATIONAL ASSOCIATION OF ENGINEERS)	LAIN-LAIN	ANTARABANGSA
2019	TEKNOLOGIS BERIJAZAH (LEMBAGA TEKNOLOGIS MALAYSIA)	LAIN-LAIN	KEBANGSAAN
2018	ASSOCIATE FELLOW (HIGHER EDUCATION ACADEMY)	LAIN-LAIN	ANTARABANGSA

**POSTGRADUATE SUPERVISION** *(last 5 years)*

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	ABU BAKAR BIN YAHYA	MASTERS	CO-SUPERVISOR	GRADUATED (2017)
2	NUR SYUHADAH BINTI ABU	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"> <li>• UNDERGRADUATES</li> </ul>	
<ul style="list-style-type: none"> <li>• POSTGRADUATES</li> </ul>	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)