



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

NAME PROFESOR DR. MOHD WARIKH BIN ABD RASHID

FACULTY / CENTRE FAKULTI KEJURUTERAAN PEMBUATAN

DESIGNATION PENSYARAH UNIVERSITI

CURRENT POSITION PROFESOR (GRED KHAS C) VK07 - FAKULTI KEJURUTERAAN PEMBUATAN

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ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2008	KEDOKTORAN FALSAFAH (PH.D)	UNIVERSITI SAINS MALAYSIA
2001	SARJANA (MASTERS)	USM
2000	SARJANA MUDA KEPUJIAN(BACHELOR HONS)	USM

FIELD OF INTEREST

ELECTROCERAMICS, ADVANCED MATERIALS AND CORROSION

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2021/2022	BMFG1213 - ENGINEERING MATERIALS
2021/2022	BMFG3213 - ENGINEERING ECONOMY AND MANAGEMENT
2021/2022	BMFG4623 - ENGINEERING ECONOMY AND MANAGEMENT
2020/2021	BMFG1213 - ENGINEERING MATERIALS
2020/2021	BMFG4623 - ENGINEERING ECONOMY AND MANAGEMENT
2020/2021	BMFP4322 - MANUFACTURING SUSTAINABILITY
2020/2021	BMFR3423 - INDUSTRIAL DESIGN
2020/2021	BMFS3523 - SURFACE ENGINEERING IN MANUFACTURING
2020/2021	BMFS4123 - SURFACE ENGINEERING IN MANUFACTURING
2019/2020	BMFG1213 - ENGINEERING MATERIALS
2019/2020	BMFG4623 - ENGINEERING ECONOMY AND MANAGEMENT
2018/2019	BMFG1213 - ENGINEERING MATERIALS
2018/2019	BMFG4623 - ENGINEERING ECONOMY AND MANAGEMENT
2017/2018	BMFB2413 - STRENGTH OF MATERIALS
2017/2018	BMFG4623 - ENGINEERING ECONOMY AND MANAGEMENT
2016/2017	BMFB4293 - CORROSION & DEGRADATION

POSTGRADUATES

SESSION	COURSE
2021/2022	MMFU5063 - ENGINEERING ECONOMIC
2020/2021	MMFU5063 - ENGINEERING ECONOMIC

LIST OF GRANTS (last 5 years)

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2021		GERAN FRGS (NATIONAL)	146500	MAIN RESEARCHER
2020	DESIGN AND DEVELOPMENT OF LOW COST SOLUTION AND TELEMETRY IOT FOR DOCKING SYSTEM	GERAN INDUSTRI (INDUSTRY/PRIVATE)	300802.15	CO-RESEARCHER
2020	DELIVING POROSITY AND THERMAL CONDUCTIVITY CORRELATION IN BILAYARED CERAMICS FOR ENERGY RATIONALISATION IN BUILDINGS	TOPDOWN (UTEM)	20000	CO-RESEARCHER
2019	HOLE MAKING, SLOTTING, AND PARTING OF ALUMINA USING LASER MACHINING CAPABILITY DEVELOPMENT	GERAN INDUSTRI (INDUSTRY/PRIVATE)	30000	CO-RESEARCHER
2017	STUDY ON C-AXIS POLARIZATION AND PIEZOELECTRIC PROPERTIES OF K0.5NA0.5NBO3 THIN FILM ZNO NANOWHISKERS COMPOSITE VIA HYBRID SOL-GEL ROUTE	SHORT TERM (UTEM)	10000	MAIN RESEARCHER

PUBLICATIONS (last 5 years)**JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2021	ELECTRICAL BEHAVIOUR OF YTTRIUM-DOPED POTASSIUM SODIUM NIOBATE THIN FILM FOR PIEZOELECTRIC ENERGY HARVESTER APPLICATIONS	JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY	AKMAL M.H.M., WARIKH A.R.M.
2020	T6 HEAT TREATMENT OPTIMIZATION OF THIXOFORMED LM4 ALUMINIUM ALLOY USING RESPONSE SURFACE METHODOLOGY	MALAYSIAN JOURNAL ON COMPOSITES SCIENCE AND MANUFACTURING	MOHD SHUKOR SALLEH, HANIZAM HASHIM, MOHD ZAIDI OMAR, ABU BAKAR SULONG, SOUFHWEE ABD RAHMAN, SAIFUDIN AFIZ YAHAYA, MOHD WARIKH ABD RASHID, SALAH AL-ZUBAIDI4
2019	EFFECTS OF DIFFERENT PRE-TREATMENTS ON THE PERFORMANCE OF KENAF FIBER REINFORCED ALUMINUM LAMINATES SANDWICH COMPOSITE	JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	Osman E., Warikh A.R.M., Yahaya S.H., Manaf M.E.A., Moriga T.
2019	MATHEMATICAL MODELLING OF THE PASSIVE AND SEMI-ACTIVE AUTOMOBILE SUSPENSION SYSTEMS IN FORD SCORPIO CAR MODEL	JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	S. H. YAHAYA, S.F. YAAKUB, M.S. SALLEH, A.R.M. WARIKH, A. ABDULLAH AND M. R. A. PURNOMO
2019	VIBRATIONAL PIEZOELECTRIC ENERGY HARVESTER'S PERFORMANCE USING LEAD-ZIRCONATE TITANATE VERSUS LEAD-FREE POTASSIUM SODIUM NIOBATE	MATERIALS RESEARCH EXPRESS	Maziati Akmal M.H., Warikh A.R.M., Ralib A.A.M.
2018	BOND STRENGTH EVALUATION OF HEAT TREATED CU-AL WIRE BONDING	JOURNAL OF MECHANICAL ENGINEERING AND SCIENCES	Shariza S., Joseph Sahaya Anand T., Warikh A.R.M., Chia L.C., Yau C.K., Huat L.B.
2018	OPTIMIZING THE PROCESSING CONDITIONS OF SODIUM POTASSIUM NIOBATE THIN FILMS PREPARED BY SOL-GEL SPIN COATING TECHNIQUE	CERAMICS INTERNATIONAL	AKMAL M.H.M., WARIKH A.R.M., AZLAN U.A.A., AZMI N.A., SALLEH M.S., KASIM M.S.
2018	PHOTOCATALYTIC ACTIVITY OF NANOSTRUCTURED TUBULAR TiO ₂ SYNTHESIZED USING KENAF FIBERS AS A SACRIFICIAL TEMPLATE	INDUSTRIAL CROPS AND PRODUCTS	BIN OSMAN E., MORIGA T., MURAI K.-I., BIN ABD RASHID M.W., ABD MANAF M.E., HORIKAWA T.
2017	EFFECT OF ANNEALING TIME ON RESISTIVITY OF KENAF FIBER MODIFIED INDIUM ZINC OXIDE PREPARED VIA DIP COATING PROCESS	JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	Edynoor O., Warikh A.R.M., Moriga T., Murai K., Mohammad E., Salleh M.R.
2017	THE EFFECTS OF DIFFERENT ANNEALING TEMPERATURE AND NUMBER OF DEPOSITION LAYERS ON THE CRYSTALLOGRAPHIC PROPERTIES SODIUM NIOBATE (KNN) THIN FILMS SYNTHESIZED BY SOL-GEL SPIN COATING TECHNIQUE	JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	MAZIATI AKMAL, M.H., WARIKH, A.R.M., AZLAN, U.A.A., AZMI, N.A.
2017	TRANSPARENT COATING OXIDE - INDIUM ZINC OXIDE AS CONDUCTIVE COATING: A REVIEW	REVIEWS ON ADVANCED MATERIALS SCIENCE	EDYNOOR O., WARIKH A.R.M., MORIGA T., MURAI K., MANAF M.E.A.

POSTGRADUATE SUPERVISION (*last 5 years*)

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	EDYNOOR BIN OSMAN	DOCTORATE	MAIN SUPERVISOR	GRADUATED (2019)
2	MAZIATI AKMAL BT MAT HARTTAR @ MOHD HATTA	DOCTORATE	MAIN SUPERVISOR	GRADUATED (2017)
3	CHUA KOK YAU	DOCTORATE	CO-SUPERVISOR	GRADUATED (2015)
4	SHARIZA BINTI SHARIR	DOCTORATE	CO-SUPERVISOR	ACTIVE
5	NOR NAJIHAH BINTI ZULKAPLI	MASTERS	CO-SUPERVISOR	GRADUATED (2016)
6	FARIZA FUZIANA BINTI YACOB	MASTERS	MAIN SUPERVISOR	GRADUATED (2015)
7	MOHD SHAHRIL AMIN BIN BISTAMAM	MASTERS	CO-SUPERVISOR	GRADUATED (2015)
8	NG GUAN YAO	MASTERS	MAIN SUPERVISOR	GRADUATED (2015)
9	NURULHUDA BTE ARIFIN	MASTERS	MAIN SUPERVISOR	GRADUATED (2011)
10	MIRON GAKIM	MASTERS	MAIN SUPERVISOR	GRADUATED (2011)
11	NORSHAFARINA BINTI ISMAIL	MASTERS	CO-SUPERVISOR	GRADUATED (2011)
12	ELYAS BIN TALIB	MASTERS	CO-SUPERVISOR	GRADUATED (2010)
13	MURALI THARAN A/L APPALASAMY	MASTERS	CO-SUPERVISOR	ACTIVE

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)