



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

NAME DR. A K M ZAKIR HOSSAIN

FACULTY / CENTRE FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK

DESIGNATION PENSYARAH UNIVERSITI

CURRENT POSITION PENSYARAH KANAN - FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK

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ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2017	KEDOKTORAN FALSAFAH (PH.D)	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

FIELD OF INTEREST

JUST JOINED IN THE FTKEE. I'LL BE HONORED TO BE A PART OF MICROWAVE RESEARCH GROUP.

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2021/2022	BEET3363 - TELECOMMUNICATION ELECTRONIC
2021/2022	BEET3383 - ELECTROMAGNETIC
2020/2021	BEET3363 - TELECOMMUNICATION ELECTRONIC
2020/2021	BEET3383 - ELECTROMAGNETIC
2020/2021	BEET3414 - RF TECHNIQUE & MICROWAVE
2019/2020	BEET3383 - ELECTROMAGNETIC
2019/2020	BEET3414 - RF TECHNIQUE & MICROWAVE
2019/2020	BEET4813 - MOBILE COMMUNICATION

LIST OF GRANTS *(last 5 years)*

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2021	INVESTIGATION ON THE MULTI-ENVIRONMENTAL PARAMETER SENSING CAPABILITIES OF A CHIPLESS RFID SENSOR-TAG	GERAN FRGS (NATIONAL)	77000	MAIN RESEARCHER

PUBLICATIONS (last 5 years)**JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2021	A PLANAR 2x2 MIMO ANTENNA ARRAY FOR 5G SMARTPHONES	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	HOSSAIN A.K.M.Z.,HASSIM N.B.,HASSAN W.H.W.,INDRA W.A.,HERAWAN S.G.,AZIZ M.Z.A.B.A.
2021	A PLANAR MONOPOLE UWB ANTENNA WITH PARTIAL GROUND PLANE FOR RETRANSMISSION-BASED CHIPLESS RFID	INTERNATIONAL JOURNAL OF INTELLIGENT ENGINEERING AND SYSTEMS	ZAKIR HOSSAIN A.K.M.,INDRA W.A.,JAMIL ALSAYAYDEH J.A.,HERAWAN S.G.
2021	A TREE-PROFILE SHAPE ULTRA WIDE BAND ANTENNA FOR CHIPLESS RFID TAGS	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	ZAKIR HOSSAIN A.K.M.,HASSIM N.B.,ALSAYAYDEH J.A.J.,HASAN M.K.,ISLAM M.R.
2021	MULTI-RESONATOR APPLICATION ON SIZE REDUCTION FOR RETRANSMISSION-BASED CHIPLESS RFID TAG	ELECTORNICS LETTERS	A. K. M. Z. HOSSAIN M. I. IBRAHIMY S. M. A. MOTAKABBER S. M. K. AZAM M. S. ISLAM
2020	A PLANAR ANTENNA ON FLEXIBLE SUBSTRATE FOR FUTURE 5G ENERGY HARVESTING IN MALAYSIA	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	A. K. M. ZAKIR HOSSAIN, NURULHALIM BIN HASSIM AUTHOR, S. M. KAYSER AZAM AUTHOR, MD SHAZZADUL ISLAM, MOHAMMAD KAMRUL HASAN
2020	A PLANAR KEYHOLE SHAPE UWB ANTENNA FOR RETRANSMISSION BASED CHIPLESS RFID	INTERNATIONAL JOURNAL OF SCIENTIFIC AND TECHNOLOGY RESEARCH	AKM ZAKIR HOSSAIN, WIN ADIYANSYAH INDRA, JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH, MOHAMAD ZOINOL ABDIN BIN ABD. AZIZ
2020	MONOPOLE ANTENNA ON TRANSPARENT SUBSTRATE AND RECTIFIER FOR ENERGY HARVESTING APPLICATIONS IN 5G	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	S. M. KAYSER AZAM, MD. SHAZZADUL ISLAM,A. K. M. ZAKIR HOSSAIN,MOHAMADARIFF OTHMAN
2020	THE EXPERIMENTAL STUDIES OF THE AUTOMATIC CONTROL METHODS OF MAGNETIC SEPARATORS PERFORMANCE BY MAGNETIC PRODUCT	ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES	JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH , WIN ADIYANSYAH INDRA, ADAM WONG YOON KHANG, A K M ZAKIR HOSSAIN, VADYM SHKARUPYLO4, J. PUSPPANATHAN
2019	DEVELOPMENT OF VEHICLE DOOR SECURITY USING SMART TAG AND FINGERPRINT SYSTEM	INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY	JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH, ADAM WONG YOON KHANG, WIN ADIYANSYAH INDRA, J. PUSPPANATHAN, VADYM SHKARUPYLO, A K M ZAKIR HOSSAIN, SARAVANAN S/O SAMINATHAN
2019	PLANS FOR PLANAR: PHASE-NOISE REDUCTION TECHNIQUES IN VOLTAGE-CONTROLLED OSCILLATORS	IEEE MICROWAVE MAGAZINE	S.M. KAYSER AZAM ; MUHAMMAD I. IBRAHIMY ; S.M.A. MOTAKABBER ; A.K.M. ZAKIR HOSSAIN

CONFERENCE

YEAR	TITLE	NAME OF CONFERENCE	AUTHORS
2021	DESIGN OF UWB PATCH ANTENNA WITH 5G LOWER BAND NOTCH CHARACTERISTICS USING RING SHAPE RESONATOR	2021 8TH INTERNATIONAL CONFERENCE ON COMPUTER AND COMMUNICATION ENGINEERING (ICCCE)	M. M. HASAN MAHFUZ; MD RAFIQU L ISLAM; MOHAMED HADI HABAEBI; NAZMUS SAKIB; NORUN ABDUL MALEK; A.K.M. ZAKIR HOSSAIN
2020	A PLANAR SLOTTED RCS BASED UWB RFID TAG ON A PCB AND A FLEXIBLE SUBSTRATE FOR PACKAGING APPLICATION	11TH MALAYSIAN TECHNICAL UNIVERSITIES CONFERENCE ON ENGINEERING AND TECHNOLOGY, MUCET 2019	ZAKIR HOSSAIN, A.K.M., ABIDIN BIN ABD AZIZ, M.Z., KHANG, A.W.Y., INDRA, W.A.

PROFESSIONAL MEMBERSHIPS / LEARNED SOCIETY

YEAR	ROLE	INSTITUTION	LEVEL
2019	ENGINEERING TECHNOLOGIST	LEMBAGA JURUTERA MALAYSIA (BEM)-(ENGINEERS ACT 1967)	NEGERI

POSTGRADUATE SUPERVISION *(last 5 years)*

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	NURULHALIM BIN HASSIM	DOCTORATE	CO-SUPERVISOR	ACTIVE
2	ASIF JAMIL SAHAD	MASTERS	MAIN 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)