



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

NAME DR. NORBAYAH BINTI YUSOP

FACULTY / CENTRE FAKULTI KEJURUTERAAN ELEKTRONIK & KEJ. KOMPUTER

DESIGNATION PENSYARAH UNIVERSITI

CURRENT POSITION PENSYARAH KANAN - FAKULTI KEJURUTERAAN ELEKTRONIK & KEJ. KOMPUTER

EMAIL norbayah@utem.edu.my



ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2020	KEDOKTORAN FALSAFAH (PH.D)	UNIVERSITI KEBANGSAAN MALAYSIA
2012	SARJANA (MASTERS)	UNIVERSITI TEKNOLOGI MARA
2007	SARJANA MUDA KEPUJIAN(BACHELOR HONS)	UTEM

FIELD OF INTEREST

GPS/NAVIGATION SYSTEM

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2020/2021	BEKG1123 - PRINCIPLES OF ELECTRICAL AND ELECTRONICS
2020/2021	BENG3211 - ELECTRONIC ENGINEERING LAB 3
2020/2021	BENT3733 - SIGNALS AND SYSTEMS
2020/2021	BENT3753 - COMMUNICATION PRINCIPLES
2020/2021	BMCG1013 - DIFFERENTIAL EQUATIONS
2019/2020	BMCG1013 - DIFFERENTIAL EQUATIONS

LIST OF GRANTS *(last 5 years)*

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2021	A NEW INDUCTIVE POWER TRANSFER USING INTEGRATED LOW LOSS DIELECTRIC TECHNIQUE ON PLANAR SPIRAL COIL ANTENNA	GERAN FRGS (NATIONAL)	110500	MAIN RESEARCHER
2020	LIGHTNING MEASUREMENT SYSTEM FOR FLASH FLOOD REAL-TIME MONITORING SYSTEM	SHORT TERM (UTEM)	20000	MAIN RESEARCHER

PUBLICATIONS (last 5 years)**JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2019	CLOUD-TO-GROUND LIGHTNING OBSERVATIONS OVER THE WESTERN ANTARCTIC REGION	POLAR SCIENCE	NORBAYAH YUSOP, MOHD RIDUAN AHMAD, MARDINA ABDULLAH, SITI KHALIJAH ZAINUDIN, WAN NUR ARINA WAN MOHD NOR, KEMAL MAULANA ALHASA, MONA RIZA MOHD ESA, MUHAMMAD HAZIQ MOHAMAD SABRI, WAYAN SUPARTA, ADRIANA MARIA GULISANO VERNON COORAY
2019	ENVIRONMENTAL ANALYSIS OF QUASI-STATIC ELECTRIC FIELD CHANGES OF TROPICAL LIGHTNING FLASHES	EKOLOJI	MUHAMMAD HAZIQ MOHAMAD SABRI, MOHD RIDUAN AHMAD, MONA RIZA MOHD ESA, DINESH PERIANNAN, SEAH BOON YORK, SULAIMAN ALI MOHAMMAD, ZULKURNAIN ABDUL-MALEK, GAOPENG LU, HONGBO ZHANG, NORBAYAH YUSOP, VERNON COORAY, AMMAR AHMED AL-KAHTANI, MOHAMAD ZAINAL ABIDIN AB KADIR, NORHASLIZA MOHD HATTA, NORADLINA ABDULLAH, MOHD PAUZI YAHAYA
2019	ISOPRENE HOTSPOTS AT THE WESTERN COAST OF ANTARCTIC PENINSULA DURING MASEC'16	POLAR SCIENCE	NADZIR M.S.M., CAIN M., ROBINSON A.D., BOLAS C., HARRIS N.R.P., PARNIKOZA I., SALIMUN E., MUSTAFA E.M., ALHASA K.M., ZAINUDDIN M.H.M., GHEE O.C., MORRIS K., KHAN M.F., LATIF M.T., WALLIS B.M., CHEAH W., ZAINUDIN S.K., YUSOP N., AHMAD M.R., HUSSIN W.M.R.W., SALLEH S.M., HAMID H.H.A., LAI G.T., UNING R., BAKAR M.A.A., ARIFF N.M., TUAH Z., WAHAB M.I.A., FOONG S.Y., SAMAH A.A., CHENOLI S.N., WAN JOHARI W.L., ZAIN C.R.C.M., RAHMAN N.A., ROSENSTIEL T.N., YUSOFF A.H., SABUTI A.A., ALIAS S.A., NOOR A.Y.M.
2019	SEASONAL ANALYSIS OF CLOUD-TO-GROUND LIGHTNING FLASH ACTIVITY IN THE WESTERN ANTARCTICA	ATMOSPHERE	NORBAYAH YUSOP, MOHD RIDUAN AHMAD, MARDINA ABDULLAH, MONA RIZA MOHD ESA, SULAIMAN ALI MOHAMMAD, WAYAN SUPARTA, ADRIANA MARIA GULISANO AND VERNON COORAY

CONFERENCE

YEAR	TITLE	NAME OF CONFERENCE	AUTHORS
2019	PERFORMANCE ANALYSIS OF FLAME RETARDANT 4 COPPER PLATE ANTENNA FOR LIGHTNING REMOTE SENSING	3RD INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY APPLICATIONS IN CLIMATE CHANGE, STACLIM 2018	D. PERIANNAN, S. A. MOHAMAD, M. R. AHMAD, M. R. M. ESA, M. H. M. SABRI, B. Y. SEAH, G. LU, N. YUSOP, M. M. ISMAIL, Z. ABDUL-MALEK
2019	PERFORMANCE ANALYSIS OF FILTERED VHF SIGNALS CAPTURED BY LIGHTNING INTERFEROMETER SYSTEM	3RD INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY APPLICATIONS IN CLIMATE CHANGE, STACLIM 2018	N. A. I. AZMI, M. R. AHMAD, M. R. M. ESA, M. H. M. SABRI, D. PERIANNAN, B. Y. SEAH, S. A. MOHAMAD, G. LU3, N. YUSOP, M. M. ISMAIL

PROFESSIONAL MEMBERSHIPS / LEARNED SOCIETY

YEAR	ROLE	INSTITUTION	LEVEL
2013	AHLI	INSTITUT JURUTERA MALAYSIA (IEM)	KEBANGSAAN

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)