

Program Kejuruteraan Elektrik & Elektronik

Programme of Electrical & Electronic Engineering

Profesor/Professors

Dato' Ir. Dr. Mohd Marzuki Mustafa

BEng (Tasmania), MSc (UMIST), Ph.D (Salford)
Sistem Kawalan Berkomputer dan Instrumentasi
(*Computer Controlled System and Instrumentation*)

Ir. Dr. Ahmad Ashrif A Bakar

SmKej. (UNITEN), MSc (UPMalaysia), Ph.D (UQ)
Komunikasi Optik (*Optical Communication*)

Dr. Aini Hussain

BScEEL (LSU), MSc (UMIST), Ph.D (UKMalaysia), MIEEE Tau Beta Pi
Pemrosesan Isyarat Pintar, Pengecaman & Analisis Corak Pintar
(*Intelligence Signal Processing, Smart Recognition & Pattern Analysis*)

Dr. Huda Abdullah

BSc (UMalaya), MSc, Ph.D (UPMalaysia), MIEEE, MMass
Semikonduktor Fizik, Bahan Magnetik, Teknologi Filem Nipis, Fabrikasi Sel Suria
(*Physical Semiconductor, Magnetic Material, Thin Film Technology, Solar Cell Fabrication*)

Ir. Dr. Mandeep Singh A/L Jit Singh

MSc(USMalaysia), Ph.D (USMalaysia)
Perambatan Gelombang Radio, Satelit (*Radiowave Propagation*) (*RFID*) (*Satellite*)

Ir. Dr. Mardina Abdullah

BEng (Ryukyus), SmSn (UKMalaysia), Ph.D(Leeds)
Pembuatan, Pemanduan Arah Satelit dan Kajian Ionosferik
(*Manufacturing, Satellite Navigation & Ionospheric Research*)

Dr. Md. Mamun bin Ibne Reaz

B.Sc & MSc. (URajshahi), D. Eng. (Ibaraki University)
Rekabentuk VLSI (*VLSI Design*)

Dr. Mohammad Tariqul Islam

BEng (UBangladesh), MEng (Dhaka), Ph.D (UKMalaysia)
Antennas & Radio Wave Propagation

Ir. Dr. Mohd Syuhaimi Ab Rahman

BEng, MSc, Ph.D (UKMalaysia)

Teknologi Fotonik, Komunikasi Optik, Gentian Menghala Ke Rumah
(*Photonics Technology*) (*Optical Communication*) (*Fiber to the Home*)

Dr. Norbahiah Misran

SmKej (UKMalaysia), Ph.D (Queen's), MIEEE

Kejuruteraan Komunikasi, Rekabentuk Antena
(*Communication Engineering*)(*Antena Design*)

Dr. Nowshad Amin

Assoc. Eng. (Gunma, Japan), B. Eng. (Toyohashi, Japan), M. Eng. & PhD (Tokyo Institute of Technology, Japan), Post-Doc (U. South Florida, USA)

Semikonduktor Fizik, Bahan dan Peranti, Optoelektronik, Tenaga Alternatif, Filem Nipis dan Fabrikasi Sel Solar dan Pencirian dan Electronic Packaging

Ir. Dr. Salina Abdul Samad

BSEE (Tennessee), PhD (Nottingham), MIEEE, Eta Kappa Nu

Pemprosesan Isyarat Digit, Pemprosesan Isyarat Multimodal, Biometrik
(*Digital Signal Processing, Multimodal Signal Processing, Biometric*)

Profesor Madya/Associate Professors

Dr. Afida Ayob

BEng (Manchester), Ph.D (Newcastle)

Elektronik Kuasa (*Power Electronic*)

Dr. Badariah Bais

BSEE/MSEE (WPI),Ph.D (UKMalaysia), MIEE, MSPIE

Mikroelektronik, Mikrofabrikasi, MEMS

(*Microelectronics, Microfabrications, MEMS*)

Dr. Fazida Hanim Hashim

BSc., MSc. (Pittsburgh),Ph.D (UKMalaysia)

(*Intelligent systems, Multi-agent systems, Optimization algorithms, VLSI design*)

Dr. Gan Kok Beng

B.Sc. (UTMalaysia), Ph.D (UKMalaysia)

Biomekanik: Permodelan & Instrumentasi (*Embedded system in healthcare & biomechanics*)

Dr. Mohd Asyraf Zulkifley

SmKej (UIAMalaysia), Ph.D (Melbourne)

Penglihatan komputer dan pembelajaran dalam (*Computer vision and deep learning*)

Dr. Mohd Fais Mansor

SmKej(UKMalaysia–UDE), Ph.D (Surrey)

Kejuruteraan Komunikasi (*Communication Engineering*)

Ir. Dr. Nasharuddin Zainal

BEng (Tokyo Inst. Of Technology), MEng (UKMalaysia), Dr.Eng.
(TIT, Japan)

Kejuruteraan Komputer, Pemprosesan Imej (*Computer Engineering, Image Processing*)

Ir. Dr. Norhana Arsad

SmKej (UKMalaysia), SSn(UPMalaysia), Ph.D (Strathclyde)

Teknologi Fotonik, Kejuruteraan Elektrik dan Elektronik
(*Photonics Technology, Electronic and Electronic Engineering*)

Ir. Dr. Rosdiadee Nordin

SmKej (UKMalaysia), Ph.D (Bristol)

Komunikasi Radio Bergerak (*Mobile Radio Communicaiton*)

Dr. Ramizi Mohamed

BEng (Salford), MSc (UKMalaysia), Ph.D (Southampton)

Kejuruteraan Kuasa, Instrumentasi (*Power Engineering, Instrumentation*)

Dr. Sawal Hamid Md Ali

BEng (UPMalaysia), MSc., Ph.D (Southampton)

VLSI, Mikroelektronik, Rekabentuk Isyarat Tercampur-Pemodelan Kelakuan
(*VLSI, Microelectronics, Mixed Signal Design, Behavioral Modelling*)

Dr. Wan Mimi Diyana Wan Zaki

B.Eng., MEng.Sc, Ph.D (MMU)

Imej Perubatan, Pemprosesan Imej Digital (*Medical Image, Digital Image Processing*)

Dr. Kalaivani A/P Chellapan

SM(USM), Sarjana, Ph.D (UKMalaysia)

Clinical Cardiovascular Engineering, Data Engineering & Analytics, Industrial Automation & Internet of Things

Ir. Dr. Nazrul Anuar Nayan

BEng (Tokyo), MEng, DEng, Ph.D (Gifu)

Kejuruteraan Elektrik dan Elektronik (*Electrical and Electronic Engineering*)

Pensyarah/Lecturers

Dr. Ahmad Asrul Ibrahim

BSc, SmKej (UKMalaysia), Ph.D (Durham)

Sistem Kuasa Kejuruteraan Elektrik (*Electrical Engineering Power Systems*)

Dr. Anuar Mikdad Muad

SmKej., MSc (UKMalaysia), Ph.D (Nottingham)

Pemprosesan Isyarat, Rangkaian Neural Buatan (*Signal Processing, Artificial Neural Network*)

Dr. Aqilah Baseri Huddin

BEng., PhD (Adelaide)

Pemprosesan Isyarat (*Signal Processing*)

Dr. Ashrani Aizzuddin Abd Rahni

BA, MEng (Cambridge), PhD (Surrey, UK),

Kejuruteraan Komputer dan Sains Maklumat

(*Information Science and Computer Engineering*)

Dr. Asma' Abu Samah

B.Eng, M.Eng (UJF, Grenoble), Ph.D (UGrenoble-Alpes)

Automatic Control and Production System, Prognostics and Health Management, ICU Glycaemic Control

Dr. Asraf Mohamed Moubark

SmKej (UNITEN), MSc (UKMalaysia), Ph.D (Leeds)

Pengimejan Ultrasound, Pemprosesan Isyarat Digit, Sistem Terbenam

(*Ultrasound Imaging, Digital Signal Processing, Embedded system*)

Dr. Iskandar Yahya

BA, MEng (Sheffield), MIET, MIEEEE, Ph.D (Survey)

Sistem Terbenam (Embedded System)

Dr. Mohd Hadri Hafiz Mokhtar

MEng. (Birmingham), Ph.D (Imperial College London)

(*Optical Fibre Scanning Microscopy*)

Dr. Mohd Faisal Ibrahim

BEng, MEng (UTMalaysia), Ph.D (Adelaide)
Sistem Kawalan dan Kepintaran Buatan (*Control System, Artificial Intelligence*)

Dr. Mohd Hafiz Baharuddin

BEn. MA (SIT US), Ph.D (Nottingham)
Komunikasi Tanpa Wayar, Keserasian Elektromagnetik
(*Wireless Communication, Electromagnetic Compatibility*)

Dr. Mohd Hairi Mohd Zaman

Dip., BEng (UTMalaysia), MSc., Ph.D (UKMalaysia)
Sistem Kawalan, Pembelajaran Mesin, Identifikasi Sistem
(*Control System, Machine Learning, System Identification*)

Dr. Mohd Saiful Dzulkefly Zan

BEng (Waseda), MEng, Ph.D (Shibaura)
Teknologi Fotonik (*Photonics Technology*)

Dr. Molla Shahadat Hossain Lipu

B.Sc. E&E. Eng. (IUT), M.Eng(Energy) (AIT), Ph.D (UKMalaysia)
(*Machine Learning Optimization Battery Storage Power Electronics Renewable Energy*)

Dr. Muhammad Ammirul Atiqi Bin Mohd Zainuri

B.Eng. E&E, M.Sc Electrical Power Eng., Ph.D (UPMalaysia)
Power Electronics Converters and Drives, Power Quality Monitoring, Renewable Energy System (Photovoltaic, Wind and Hydro), Artificial Intelligent, and Agriculture-Photovoltaic

Dr. Muhammad Faiz Bukhori

B.Eng (UNITEN), Ph.D (Glasgow)
Kejuruteraan Elektrik dan Elektronik (*Electrical and Electronic Engineering*)

Dr. Noorfazila Kamal

SmKej (UTMalaysia), Ph.D (Adelaide)
Elektronik Komputer (*Computer Electronic*)

Dr. Norazreen Abd Aziz

BEng (Survey), MSc., Ph.D (UKMalaysia)
MEMS, Mikroelektronik, Fabrikasi Peranti
(*MEMS, Microelectronic, Device Fabrication*)

Dr. Noraishikin Binti Zulkarnain

B.Eng. Electrical - Medic. Electronics., Ph.D (UTMalaysia)
Sistem Kawalan, Kejuruteraan Bioperubatan (Pemprosesan Imej), Dinamik Kenderaan
(*Control System, Biomedical Engineering (Image Processing),
Vehicle Dynamics*)

Dr. Nor Azwan Mohamed Kamari

BEng. (Meiji), MEng. (Ehime), Ph.D (UiTMalaysia)
Stabiliti Sistem Kuasa (*Power Systems Stability*)

Dr. Nor Fadzilah Abdullah

SmSn (UTMalaysia), MSc (Manchester), PhD (Bristol)
Komunikasi Tanpa Wayar (*Wireless Communication*)

Dr. Rosmina Binti Jaafar

SM (Case Western), Sarjana (Hertfordshire), Ph.D (UKMalaysia)
(*Biomedical signal processing, Photoplethysmography, Electroencephalography, Elec-
trocardiography, Medical Electronics*)

Dr. Seri Mastura Mustaza

BEng (Vanderbilt), MEng (UTMalaysia), PhD (Surrey)
Robotik dan Kejuruteraan Sistem (*Robotics and System Engineering*)

Dr. Siti Salasiah Mokri

SmKej (UMalaya), MSc (UIAMalaysia), Ph.D (UPMalaysia)
Sistem Kawalan, Mekatronik (*Control System, Mechatronic*)

Dr. Syahirah Abd Halim

BEng. (UTP), MEng, Ph.D (Malaya)
Kejuruteraan Kuasa, Fana Sistem Kuasa (*Power Engineering, Power System Transients*)

Dr. Yushaizad Yusof

BEng (Japan), MSc. (UTMalaysia), Ph.D (UMalaya)
Elektronik Kuasa (*Power Electronics*)

En. Kamarulzaman Mat

SmKej (UKMalaysia), MSc (Loughborough)
Komunikasi Data (*Data Communication*)

En. Hilmi Sanusi

BSEE (Hartford), MSEE (Connecticut)
Kawalan Stokastik dan Penganggaran Proses, Penentuan dan Kawalan Orbit,
Penentuan Altitud Satelit dan Sistem Kawalan
(*Stochastic Control & Estimation Process, Orbit Determination & Control, Altitude
Determination and Control of Satellite System*)

Tutor/Tutor

En. Radin Za'im Radin Umar

BEng (Canterbury), M.Sc. (UKMalaysia)

Elektronik Kuasa (*Power Electronics*)