

Universiti Tun Hussein Onn Malaysia

Staff Profile

Full Name	Dr. Chessda Uttraphan A/I Eh Kan
Faculty	Fakulti Kejuruteraan Elektrik dan Elektronik
Department	JABATAN KEJURUTERAAN ELEKTRONIK
Email	chessda@uthm.edu.my
Designation	DS52 - Pensyarah Kanan



Field of Expertise

Field Category (KPT)	ENGINEERING AND TECHNOLOGY
Field (KPT)	Electrical and Electronic Engineering
Field of Specialization (KPT)	IC Design

Areas of Research Interest

1. VLSI Design Automation (Interconnect Routing and Buffer Insertion Algorithm)
2. CMOS Low Power Design
3. VLSI Interconnect Noise Modelling
4. Embedded Systems

Academic Qualification

Year	Qualification	Institution
2016	DOKTOR FALSAFAH KEJURUTERAAN ELEKTRIK	UNIVERSITI TEKNOLOGI MALAYSIA
2004	SARJANA KEJURUTERAAN ELEKTRIK	KOLEJ UNIVERSITI TEKNOLOGI TUN HUSSEIN ONN
2002	SARJANA MUDA KEJURUTERAAN ELEKTRIK	UNIVERSITI TEKNOLOGI MALAYSIA

Professional Appointments

DS52 - Pensyarah Kanan

Management Experience

Date	Description
16/04/2019 - 30/06/2020	Ketua Jabatan (Jaringan Industri) Pejabat Hubungan Universiti dan Industri
24/02/2020 - 01/05/2020	Menjalankan Tugas (Pengarah) Pejabat Hubungan Universiti dan Industri
04/02/2018 - 31/12/2019	Ketua Kumpulan Fokus (FG) Fakulti Kejuruteraan Elektrik dan Elektronik , IC Design
01/01/2018 - 31/12/2018	Ketua Kumpulan Fokus (FG) Fakulti Kejuruteraan Elektrik dan Elektronik , IC Design
01/01/2017 - 31/12/2017	Ketua Makmal Fakulti Kejuruteraan Elektrik dan Elektronik , Jabatan Kejuruteraan Komputer
01/01/2016 - 31/12/2017	Ketua Kumpulan Fokus (FG) Fakulti Kejuruteraan Elektrik dan Elektronik , Embedded Computing Systems Research
01/05/2016 - 31/12/2016	Ketua Makmal Fakulti Kejuruteraan Elektrik dan Elektronik , Jabatan Kejuruteraan Komputer

01/01/2010 - 31/12/2011	Ketua Panel Fakulti Kejuruteraan Elektrik dan Elektronik , Jabatan Kejuruteraan Komputer
01/09/2009 - 31/08/2011	Ketua Makmal Fakulti Kejuruteraan Elektrik dan Elektronik , Jabatan Kejuruteraan Komputer
01/08/2005 - 31/07/2007	Ketua Makmal Fakulti Kejuruteraan Elektrik dan Elektronik , Jabatan Kejuruteraan Mekatronik dan Robotik

Professional Societies

Year	Description	Role	Level
01/01/2008 - 31/12/2008	The Institution of Electrical Engineers (IEE) INSTITUTE OF ELECTRICAL ENGINEERS (IEE)	Ahli	Antarabangsa
01/01/2014 - 31/12/2014	Institute of Electrical and Electronics Engineers (IEEE)	Ahli	Antarabangsa
01/01/2009 - 31/12/2009	Institute of Electrical and Electronics Engineers (IEEE)	Ahli	Antarabangsa
01/01/2014 - 31/12/2014	Board of Engineers Malaysia (BEM)	Ahli	Kebangsaan

Teaching Experience

Year	Description	Level
2009	Microprocessor and Microcontroller [BEE3233], Session 20082009 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2009	Embedded Systems [DES3034] - Program Latihan Peningkatan Kemahiran Industri Untuk Siswazah Fasa 1 & 2	National
2009	Microprocessor and Microcontroller [BEE3233], Session 20092010 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2008	Microprocessor and Microcontroller [BEE3233], Session 20072008 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2008	Embedded Systems [DES3034] - Program Latihan Peningkatan Kemahiran Industri Untuk Siswazah Fasa 1 & 2	National
2008	Electrical Engineering Laboratory IV - Microprocessor and Microcontroller [BEE3291], Session 20072008 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2008	Microprocessor and Microcontroller [BEE3233], Session 20082009 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2008	Microprocessor MC6800 Laboratory - Open University Malaysia	Private
2007	Embedded Systems [DES3034] - Program Latihan Peningkatan Kemahiran Industri Untuk Siswazah	National
2007	Microcontroller Laboratory [DEK3133], Session 20072008 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2007	Digital systems Design [BEE3133], Session 20072008 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2007	Electrical Engineering Laboratory III - Digital systems Design [BEE3191], Session 20072008 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2007	Electrical Engineering Laboratory III - Digital systems Design [BEE3191], Session 20062007 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2007	Microprocessor MC6800 Laboratory - Open University Malaysia	Private
2007	Microprocessor and Microcontroller [BEE3233], Session 20062007 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2006	Electrical Engineering Laboratory III - Digital Systems Design [BEE3191], Session 20062007 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2006	Digital systems Design [BEE3133], Session 20062007 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2006	Microcontroller and Applications [BTE3453], Session 20052006 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2006	Electrical Engineering Laboratory III - Digital Design [BKE3281], Session 20052006 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2005	Microcontroller [DEK3133], Session 20052006 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2005	Computer System Laboratory [BKE4413], Session 20052006 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2005	Microcontroller Laboratory [DEK3133], Session 20052006 Semester 1, Universiti Tun Hussein Onn Malaysia	University
2004	Communication Systems Laboratory [DTE3653], Session 20042005 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2004	Microprocessor Technique and Applications [BTE2103], Session 20042005 Semester 2, Universiti Tun Hussein Onn Malaysia	University
2004	Electrical Engineering Laboratory III - Microprocessor [BKE3281], Session 20042005 Semester 2, Universiti Tun Hussein Onn Malaysia	University

Research Grants And Contracts

Code	Title	Designation	End Date
K148	An improved method for the drain current estimation in Carbon Nanotube Field Effect Transistor	Ketua	30/05/2022
K232	SENA - IMPROVEMENT OF SENA TRAFFIC CONTROLLER CPU DEVICE MANAGER FIRMWARE	Ahli	30/09/2021
H515	Establishment of UTHM Community Innovation Centre 'I.D.E.A.L Makerspace' towards I.R.4.0	Ahli	14/06/2021
H141	An Improve Crosstalk Noise Model for Dynamic Programming Buffer Insertion Algorithm	Ketua	30/06/2020
U957	Investigation of bio-energy from living trees for forest fires detection sensors application	Ahli	30/04/2020
A099	Majlis Pengukuhan Kerjasama Akademia Industri-Bahagian Hubungan Industri	Ahli	31/12/2018
A110	Program Fakulti Ketua Pegawai Eksekutif (CEO@Faculty Programme)	Ahli	31/12/2018
1531	An Improved Optimisation Algorithm for Smart Adaptive Power Factor Compensation	Ahli	30/04/2018
1538	Designing MIMO receiver architecture using hardware software co-design technique to improve energy efficiency in reconfigurable hardware	Ahli	30/04/2018
E035	Exploration Of Piezoelectric Based Embedded Energy Scavenging Arrays For Roadways Application	Ahli	30/11/2016
0827	Efficient Reconfigurable Architectures of Discrete Wavelet Transform (DWT) for 3-D Medical Image Compression	Ahli	30/06/2013
0717	Optimal Power Dispatch of Hybrid PV/Diesel Systems using Heuristic Bio-Inspired Algorithms	Ahli	31/08/2012
0266	Smart Sensor For Inhaler	Ahli	31/12/2008

Publications

Book

Sazelina Salimon & Ismail Abdul Rahman

(2020) Menongkah Arus Covid-19: Cabaran Pengurusan Akademik, UTHM , 1, ISBN:9789672975359

General Publications

Nik Hisyamudin Muhd Nor, Chessda Uttraphan Eh Kan, Zailin Shah Yusoff

(2020) Enhancing Academia And Industry Performance Through Engagement, UTHM , 22, ISBN:-

DR.NORFAIZA FUAD, DR.CHESSDA UTRAPHAN,DR. CHUA KING LEE, PN.MUNIRAH, PN.NIK SHAHIDAH, PM DR SITI ZARINA MUJI

(2017) Modul Bec30503-Digital Design, ROBBY PRINTING , 1, ISBN:-

Siti Zarina Mohd Muji

(2014) Microprocessor And Microcontroller, UTHM

Chessda Uttraphan A/I Eh Kan

(2007) Digital Design, UTHM

Journal

Teng Howe Cheng, Kok Boon Ching, Chessda Uttraphan, Yee Mei Heong

(2020) Electrical Energy Production From Plant Biomass: An Analysis Model Development For Pandanus Amaryllifolius Plant Microbial Fuel Cell ,
INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, INSTITUTE OF ADVANCED ENGINEERING AND SCIENCE (IAES) , 6, 1163, ISSN:25024752

Teng Howe Cheng, Kok Boon Ching, Chessda Uttraphan, Yee Mei Heong

(2020) Performance Enhancement Of Single-Chamber Sediment Microbial Fuel Cell With Variation In Cathode Surface Area, INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH-IJRER USER, GAZI UNIVERSITY , 3, 512, ISSN:13090127

Teng Howe Cheng, Kok Boon Ching, Chessda Uttraphan, Yee Mei Heong

(2020) Study Of Yeast And Sugar In Bio-Energy Generation, BULLETIN OF ELECTRICAL ENGINEERING AND INFORMATICS, INSTITUTE OF ADVANCED ENGINEERING AND SCIENCE (IAES) , 4, 443, ISSN:23029285

Kok Boon Ching, Chessda Uttraphan, Yee Mei Heong

(2019) Continuous Monitoring And Analysis Of Pandanus Amaryllifolius Microbial Fuel Cell Power Generation In Daily Solar Radiation, INTERNATIONAL JOURNAL OF NEW INNOVATIONS IN ENGINEERING AND TECHNOLOGY, International Journal of New Innovations in Engineering and Technology (IJNIET) , 10, 93, ISSN:23196319

Teng H.C., Kok B.C., Uttraphan C., Yee M.H.

(2018) A Review On Energy Harvesting Potential From Living Plants: Future Energy Resource, INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, International Journal of Renewable Energy Research , 2398, ISSN:13090127

CHESSDA UTRAPHAN

(2017) An Optimized Buffer Insertion Algorithm With Delay-Power Constraints For Vlsi Layouts, TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, TUBITAK , 3, 844, ISSN:1300-0632

Chessda Uttraphan, Nasir Shaikh-Husin, M. Khalil-Hani

(2016) Dynamic Power Dissipation Formulation For Application In Dynamic Programming Buffer Insertion Algorithm, JURNAL TEKNOLOGI, Penerbit UTM , 11, 149, ISSN:21803722

Chessda Uttraphan, Nasir Shaikh-Husin

(2015) An Optimized Algorithm For Simultaneous Routing And Buffer Insertion In Multi-Terminal Nets, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, Asian Research Publishing Network (ARPN) , 10, 8765, ISSN:18196608

Media Digital**Chessda Uttraphan**

(2020) Chapter 3 - Microprocessor And Microcontroller Programming, The Arm Instruction Set (Part 3), YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 3 - Microprocessor And Microcontroller Programming, The Arm Instruction Set (Part 4), YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 4 - Input, Output And Peripherals Of The Lpc1768 Microcontroller, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 4 - Input, Output And Peripherals Of The Lpc1768 Microcontroller Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 4 - The Lpc1768 Microcontroller - Analog To Digital Conversion, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 4 - The Lpc1768 Microcontroller - Digital To Analog Conversion, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 4 - The Lpc1768 Microcontroller - Pulse Width Modulation, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 5 - Serial Communications - Inter-Integrated Circuit (I2c), YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 5 - Serial Communications - Serial Peripheral Interface (Spi), YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 5 - Serial Communications - Universal Asynchronous Receiver/Transmitter (Uart), YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 6 - Mbed Microcontroller Interrupts, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 6 - Mbed Microcontroller Timer Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 6 - Mbed Microcontroller Timer Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Chapter 6 - Mbed Microcontroller Timer Part 3, YouTube , ISBN:-

Chessda Uttraphan

(2020) Combinational Circuits Design - Part2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Combinational Circuits Design - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Combinational Circuits Design - Part 3, YouTube , ISBN:-

Chessda Uttraphan

(2020) Combinational Circuits Design - Part 4, YouTube , ISBN:-

Chessda Uttraphan

(2020) Designing An Adder/Subtractor Circuit In Verilog And Simulate The Design Using Altera Model-Sim, YouTube , ISBN:-

Chessda Uttraphan

(2020) Digital Design: Hardware Implementation Of A Traffic Light Controller, YouTube , ISBN:-

Chessda Uttraphan

(2020) Digital System Modelling Using Hardware Description Language (Hdl) - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Digital System Modelling Using Hardware Description Language (Hdl) - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Microprocessor And Microcontroller Programming, The Arm Instruction Set (Part 1), YouTube , ISBN:-

Chessda Uttraphan

(2020) Microprocessor And Microcontroller Programming, The Arm Instruction Set (Part 2), YouTube , ISBN:-

Nik Hisyamudin Muhd Nor, Chessda Uttraphan Eh Kan, Nadirul Hasraf Mat Nayan, Mohd Ezree Abdullah, Saizalmursidi Md Mustam

(2020) Non Disclosure Agreement (Nda), UTHM , ISBN:-

Chessda Uttraphan

(2020) Preparing Video Using Text-To-Speech For Asynchronous Online Class (Tts Tutorial Vd1), YouTube , ISBN:-

Chessda Uttraphan

(2020) Preparing Video Using Text-To-Speech For Asynchronous Online Class (Tts Tutorial Vd2), YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Finite State Machine (Fsm) Design - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Finite State Machine (Fsm) Design - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Finite State Machine (Fsm) Design - Part 3, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Finite State Machine (Fsm) Design - Part 4, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Hdl For Synthesis For Combinational Circuits - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Hdl For Synthesis For Combinational Circuits - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Hdl For Synthesis For Combinational Circuits - Part 3, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Hdl For Synthesis For Combinational Circuits - Part 4, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Hdl Synthesis For Sequential Circuits - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Hdl Synthesis For Sequential Circuits - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Review On Programmable Technology, YouTube , ISBN:-

Chessda Uttraphan

(2020) Programmable Electronics: Review On Programmable Technology - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Quartus Ii Tutorial (Verilog Hdl And Simulation), YouTube , ISBN:-

Chessda Uttraphan

(2020) Register Transfer Level (Rtl) Design - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Register Transfer Level (Rtl) Design - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Register Transfer Level (Rtl) Design - Part 3, YouTube , ISBN:-

Chessda Uttraphan

(2020) Register Transfer Level (Rtl) Design - Part 4, YouTube , ISBN:-

Chessda Uttraphan

(2020) Register Transfer Level (Rtl) Design - Part 5, YouTube , ISBN:-

Chessda Uttraphan

(2020) Sequential Circuits Design - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Sequential Circuits Design - Part 2, YouTube , ISBN:-

Chessda Uttraphan

(2020) Sequential Circuits Design - Part 3, YouTube , ISBN:-

Chessda Uttraphan

(2020) Sequential Circuits Design - Part 4, YouTube , ISBN:-

Chessda Uttraphan

(2020) Tutorial On Designing Combinational Circuits - Part 1, YouTube , ISBN:-

Chessda Uttraphan

(2020) Tutorial On Designing Combinational Circuits - Part 2 , YouTube , ISBN:-

Prosiding / Seminar**C. Uttraphan, W. H. Chua, B.C Kok**

(2020) An Optimum Design Of The Carbon Nanotube Field Effect Transistor For Analog Applications In 10 Nm Technology, IEEE , 222, ISBN:9781728193

C. Uttraphan, F. Abdul Aziz, M. Helmy Abd Wahab, S. Zulkarnain Syed Idrus

(2020) Bluetooth Based Indoor Navigation System, IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING , 1, ISBN:17578981

Thong K.T., Kok B.C., Uttraphan C., Gareth S., Sam Z.J.

(2017) Data Acquisition System For Piezoelectric Cymbal Transducer Energy Harvesting, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC. , 707, ISBN:9781509025473

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(2017) Hybrid Routing Tree With Buffer Insertion Under Obstacle Constraints, IEEE , 411, ISBN:978-1-4799-2656

Kok Tung Thong, B. C. Kok, C. Uttraphan, Saleh Gareh, Zi Jen Sam

(2016) Data Acquisition System For Piezoelectric Cymbal Transducer Energy Harvesting, IEEE Xplore , - , ISBN:978-1-5090-2546

B.C. Kok, Saleh Gareh , H.H. Goh and Chessda Uttraphan

(2016) Electromechanical-Traffic Model Of Compression-Based Piezoelectric Energy Harvesting, MATEC Web of Conferences , 10007 , ISBN:2261236X

Gareh S., Kok B.C., Uttraphan C., Thong K.T., Borhana A.A.

(2016) Evaluation Of Piezoelectric Energy Harvester Outcomes In Road Traffic Applications, INSTITUTION OF ENGINEERING AND TECHNOLOGY , 1, ISBN:9781785612381

C. Uttraphan, Shaikh-Husin, N, Hani, M.Khalil

(2014) An Optimization Algorithm For Simultaneous Routing And Buffer Insertion With Delay-Power Constraints In Vlsi Layout Design, IEEE , ISBN:9781479939466

Chessda Uttraphan A/I Eh Kan

(2009) A Conceptual Design Of Microcontroller-Based Power Factor Corrector Circuit

C. Uttraphan, B.C. Kok, K.H. Lai, S. A. Zulkifli

(2007) Development Of A Microcontroller-Based Power Factory Corrector, UNIMAS

Chessda Uttraphan A/I Eh Kan

(2006) Overview Of Solar Cookers: Types And Applications

Chessda Uttraphan A/I Eh Kan

(2006) Teaching Ic Fabrication Using Cad Tools For Undergraduates Program In Kuittho

Supervision

Year	Description	Role
2010	Supervisor for Prakas S/O Gopal Samy, Final Year Project, Cell Phone Energy Source Charger Using Portable DC Voltage Source (Double A Battery), UTHM	Supervisor
2010	Supervisor for Nor Zalifah Bt Salim, Final Year Project, Bipedal Walking Robot, UTHM	Supervisor
2009	Supervisor for Norhafizan Bt Ismail, Final Year Project, Pembangunan Algoritma Robot Pengelak Halangan, UTHM	Supervisor
2009	Supervisor for Phan Chow Foong, Final Year Project, Autonomous Carrier Robot Using Inverted Pendulum Concept, UTHM	Supervisor
2009	Supervisor for Ahmad Rois B Abd Razak, Final Year Project, Pembangunan Helikopter Menggunakan Pengawal Mikro, UTHM	Supervisor
2009	Supervisor for Nadiah Bt Zakaria, Final Year Project, Design of Heat Meter Using PIC16F877A, UTHM	Supervisor
2008	Supervisor for Lee Shing Chang, Final Year Project, Development of Low Cost PIC Microcontroller Trainer, UTHM	Supervisor
2008	Supervisor for How Leng Kian, Final Year Project, An Automatic Vacuum Cleaner Robot Using PIC Microcontroller, UTHM	Supervisor
2008	Supervisor for Low Mew Hoon, Final Year Project, Synthesis of RISC Processor Core Using Quartus II, UTHM	Supervisor
2008	Supervisor for Wong Liek Seng, Final Year Project, Automobile Security System Using SMS Application, UTHM	Supervisor
2008	Supervisor for Kan Mei War, Final Year Project, Autonomous Robot for Robot Contest (Robocon) 2008 Using Line Follower, UTHM	Supervisor
2007	Supervisor for Nurbaity B Samsudin, Final Year Project, Modifikasi Sistem Penggera Keselamatan Kenderaan Dengan Getaran, UTHM	Supervisor
2006	Supervisor for Mohd Khair B Asah, Final Year Project, Sistem Pemantau Keadaan Cuaca, UTHM	Supervisor
2006	Supervisor for Nurhidayu Bt Shamsi, Final Year Project, Electronic Distance Meter Using PIC, UTHM	Supervisor
2006	Supervisor for Mohd Azreem Khan B Abdul Karim, Final Year Project, Development of a PIC16F87A Programmer, UTHM	Supervisor
2006	Supervisor for Mohd Faizal B Mohd Nor, Final Year Project, Digital Design of Analog to Digital Converter, UTHM	Supervisor
2006	Supervisor for Mohd Husni Ahmad Fauzi, Final Year Project, E-Security: Email Encryption Using Public Key encryption, UTHM	Supervisor
2006	Supervisor for Hanizah Bt Hamdan, Final Year Project, FIR Adaptive Filter Design Using VHDL, UTHM	Supervisor
2006	Supervisor for Nor Annissa Ayu, Final Year Project, Breast Cancer Prediction System, UTHM	Supervisor
2006	Supervisor for Mohd Fadly B Othman, Final Year Project, Development of a Heartbeat Monitoring System Using PIC Microcontroller, UTHM	Supervisor
2006	Supervisor for Mohammed Fawaz B Kamarudin, Final Year Project, Simulation of Mobile AD HOC Routing Protocol Based on AD HOC On Demand Distance Vector (AODV) Using Network Simulator 2 , UTHM	Supervisor
2006	Supervisor for Mohd Erma B Norsani, Final Year Project, Rope Climbing Robot, UTHM	Supervisor
2005	Supervisor for Annurin 'Ainullia Bt Adenan, Final Year Project, Modul Pembelajaran Interactive Mikropemproses MC68000, UTHM	Supervisor

Courses & Training

Year	Description	Date
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	Organiser / Venue	
2021	KURSUS ADOBE INDESIGN AND MANAGING PDF FILES UTHM / Secara dalam talian: Zoom Meeting	12/04/2021
2021	KURSUS SCREENCASTING (OBS STUDIO) FKEE 2021 UTHM / -	08/04/2021
2021	TALENT DISCOVERY PROGRAM - SERIES 13 - SECURING CONSULTATION WORK FOR ACADEMICIANS UTHM / BILIK MESYUARAT, MINT-SRC, IIE	10/03/2021
2021	WACANA KOMUNITI : HALA TUJU BANDAR DI RAJA 2020-2030 UTHM / Zoom	23/02/2021
2021	JERAYAWARA KRITERIA BAHARU PENILAIAN PRESTASI TAHUNAN & KENAIKAN PANGKAT STAF AKADEMIK UTHM BERSAMA FAKULTI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK UTHM / GOOGLE MEET	07/01/2021
2020	KURSUS E-CLASS (CLASS ATTENDANCE SYSTEM) UTHM / ZOOM PLATFORM	08/10/2020
2020	PROGRAM KHIDMAT MASYARAKAT YANG BERIMPAK UTHM / -	05/10/2020
2020	AUTHOR (UTHM ACADEMIC ONLINE RESOURCES) UTHM / ZOOM PLATFORM	01/10/2020
2020	SPECIAL TALK : COVID19 - EMBRACING A NEW NORM: IMPACT, MEASURES & WAY FORWARD UTHM / GOOGLE MEET	12/05/2020
2020	SESI 4 - SESEI PERTEMUAN TIMBALAN NAIB CANCELOR (PENYELIDIKAN DAN INOVASI) BERSAMA STAF AKADEMIK FKEE UTHM / -	28/04/2020
2020	TAKLIMAT PELAKSANAAN INISIATIF WORK FROM HOME (WFH) MENGGUNAKAN APLIKASI WORKSPACE UTHM SIRI 7 UTHM / -	14/04/2020
2020	MAJLIS PERJUMPAAN PAGI BERSAMA YBHG. NAIB CANSOLOR UTHM / -	05/03/2020
2020	BENGKEL DALAMAN PEMURNIAN OBJEKTIF KUALITI UTHM UTHM / DEWAN 4, BLOK A1	23/02/2020
2020	TAKLIMAT PENASIHATAN AKADEMIK DAN KERJAYA UTHM / BILIK SEMINAR QB, FKEE	11/02/2020
2020	CENTRAL JOHOR UTHM-INDUSTRY ENGAGEMENT UTHM / UTHM	22/01/2020
2019	KURSUS PERANCANGAN, PENGURUSAN DAN PEMIKIRAN STRATEGIK UTHM / BILIK LESTARI 2 PTTA	10/09/2019 - 11/09/2019
2019	MAJLIS HI-TEA STAF ALUMNI UTHM 2019 UTHM / UTHM	28/07/2019
2019	MAJLIS HI-TEA ALUMNI STAF UTHM 2019 UTHM / DTMI	28/07/2019
2019	MESYUARAT FAKULTI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK UTHM / BILIK SEMINAR, BLOK QB FKEE	07/07/2019
2019	JERAYAWARA DAN PERKONGSIAN ILMU TNCPI DI FKEE UTHM / UTHM	18/02/2019
2019	KURSUS REKA BENTUK LITAR BERSEPADU DAN PERISIAN SYNOPSIS UTHM / UTHM	30/01/2019
2019	MESYUARAT FAKULTI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK UTHM / BLOK G1	30/01/2019
2019	KURSUS REKA BENTUK LITAR BERSEPADU DAN PERISIAN SYNOPSIS UTHM / UTHM	29/01/2019
2019	KURSUS REKA BENTUK LITAR BERSEPADU DAN PERISIAN SYNOPSIS UTHM / UTHM	28/01/2019
2019	KURSUS REKA BENTUK LITAR BERSEPADU DAN PERISIAN SYNOPSIS UTHM / UTHM	17/01/2019
2019	KURSUS REKA BENTUK LITAR BERSEPADU DAN PERISIAN SYNOPSIS UTHM / UTHM	16/01/2019