



# UTHM

Universiti Tun Hussein Onn Malaysia

**9<sup>th</sup> POSTGRADUATE**

 **HOODING**  
*Ceremony*

**FRIDAY**

**18th OCTOBER 2019**

**DEWAN TUNKU MAHKOTA ISMAIL**

**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

In Conjunction with the  
**19<sup>th</sup> CONVOCATION**

*Peristiwa*  
**KONVOKESYEN**  
*Ker*  
**19**

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# INTRODUCTION

Postgraduate Hooding Ceremony is a special occasion for the postgraduates where their supervisors are given the honour to hood their students, a recognition that marks their success in completing their studies.

The ceremony is held in conjunction with the 19<sup>th</sup> Convocation of Universiti Tun Hussein Onn Malaysia in 2019. A total of 513 graduands will receive their respective postgraduate degrees this year.

179 graduands are international students from Afghanistan, Algeria, Chad, Egypt, Indonesia, Iraq, Lebanon, Libyan Arab Jamahiriya, Nigeria, Pakistan, Palestinian, Somalia, and Sudan. 118 graduands will receive Doctorate degrees, while 395 graduands will receive their Masters degrees, of which 118 are research-based Master degrees.

# PROGRAMME SCHEDULE

7.30 a.m.	-	Registration of Graduates and Supervisors
8.15 a.m.	-	Arrival of Invited Guests
8.30 a.m.	-	Arrival of the VVIPs Arrival of the Vice Chancellor
8.45 a.m.	-	Procession Enters the Hall <i>Lagu Negaraku and Lagu Bangsa Johor</i> Du'a Recitation Speech by Y. Bhg. Datuk Vice Chancellor i) Hooding Ceremony to the: <ul style="list-style-type: none"><li>• PhD Graduates</li><li>• Masters by Research Graduates</li></ul> ii) Best Student Awards (3 categories): <ul style="list-style-type: none"><li>• Best Publication Award (Master and PhD)</li><li>• Best Social Service Award (Master and PhD)</li><li>• Best Student Award (Master and PhD)</li></ul> The Best Faculty Award for Research Graduate
12.00 noon	-	<i>Gemilang UTHM</i> Departure of VVIPs and Deans Lunch

# NAMELIST OF SUPERVISORS AND SUPERVISEES

## **FACULTY OF CIVIL AND ENVIRONMENTAL ENGINEERING**

- |   |  |   |  |
|---|--|---|--|
| 1 | Main Supervisor<br>Student<br>Thesis title   | : | PROF. Dr. ISMAIL BIN ABDUL RAHMAN<br>(1) Nur Ain Binti Ngah Nasaruddin (PFA)<br>Model Of Leadership Characteristics In Addressing Construction Challenges  |
| 2 | Main Supervisor<br>Co-Supervisor<br>Student<br>Thesis title<br><br>Co-Supervisor<br>Student<br>Thesis title<br><br>Co-Supervisor<br>Student<br>Thesis title<br>Student<br>Thesis title | : | PROF. Dr. MOHD IDRUS BIN MOHD MASIRIN<br>Ir. Ts. Dr. RAHA BINTI ABD RAHMAN<br>(1) Ahmed Suliman Bader Ali (PFA)<br>Performance Of Hot Mix Asphalt Using Peat Modified Asphalt Binder<br>ASSOC. PROF Dr. MUNZILAH BINTI MD. ROHANI<br>(2) Hor Peay San (PFA)<br>Development Of Passenger Flow Time (PFT) Model For Light Rail Transit (LRT) Users At KL Sentral Malaysia<br>PROF. MOHD IMRAN BIN GHAZALI<br>Dr. BASIL A/L DAVID DANIEL<br>(3) Noor Hafiza Binti Nordin (PFA)<br>Pembangunan Indeks Keselesaan Dalam Koc Tren<br>(4) Nura Usman (PFA)<br>Performance Of Recycled Polymeric Fiber As Reinforcement In Bituminous Mixture For Road Maintenance Works |
| 3 | Main Supervisor<br>Co-Supervisor<br><br>Student<br>Thesis title<br><br>Co-Supervisor<br><br>Student<br>Thesis title  | : | PROF. Ir. Dr. AMIR HASHIM BIN MOHD KASSIM<br>ASSOC. PROF Ts. Dr. RADIN MAYA SAPHIRA BINTI RADIN MOHAMED<br>Dr. ADEL ALI SAEED ABUDH ALGHEETHI<br>(1) Athirah Binti Arifin (KFA)<br>Assessment Of The Effect Of Greywater Discharged By Using Streeter-Phelps Model<br>ASSOC. PROF Ts. Dr. RADIN MAYA SAPHIRA BINTI RADIN MOHAMED<br>Dr. ADEL ALI SAEED ABUDH ALGHEETHI<br>(2) Syafik Akmal Bin Mohd Tajuddin (KFA)<br>Effect Of Peat Solidification On Macronutrients In Soils Associated With Palm Oil Plantation In Peat Area  |
| 4 | Main Supervisor<br>Student<br>Thesis title   | : | ASSOC. PROF Ts. Dr. ABD HALID BIN ABDULLAH<br>(1) Mohd Hafizal Bin Hanipah (PFA)<br>Outdoor Thermal Comfort Index In Malaysian Urban Areas   |

- Co-Supervisor : Ts. Dr. SASITHARAN A/L NAGAPAN  
Student : (2) Samiullah (PFA)  
Thesis title : A Structural Model For Mitigation Measures Of Critical Cost Overrun Factors In Highway Projects In Sindh Province
- Co-Supervisor : ASSOC. PROF Dr. ABDUL MUTALIB BIN LEMAN  
: Dr. LEE YEE YONG  
Student : (3) Syahrin Neizam Bin Mohd Dzulkifli (PFA)  
Thesis title : Health Risk Effect Of Indoor Air Quality Index At Adaptive Reused Museum In Malaysia
- Student : (4) Imtiaz Ali (KFA)  
Thesis title : Measures For Mitigating The Delay In High-Rise Building Construction Projects In Dubai
- 5 Main Supervisor : ASSOC. PROF Ts. Dr. ADNAN BIN ZAINORABIDIN  
Co-Supervisor : ASSOC. PROF Dr. SAIFUL AZHAR BIN AHMAD TAJUDIN  
: Dr. MOHD KHAIDIR BIN ABU TALIB  
: PROF. Dr. BUJANG BK HUAT (UPM)  
: Dr. AFSHIN ASADI (UPM)  
Student : (1) Ahmed Giuma Rajeb Elkhebu (PFA)  
Thesis title : Geotechnical Performance Using Alkaline Activated Fly Ash For Soil Mixtures With And Without Polypropylene Fibers
- Student : (2) Habib Musa Bin Mohamad (PFA)  
Thesis title : Influence Of Post-Cyclic Loading On Hemic Peat  
Student : (3) Siti Nurul Aini Binti Zolkefle (PFA)  
Thesis title : The Characteristic Of Cycle Shear Modulus, Damping Ratio And Pore Pressure Ratio Of Hemic Peat Due To Its Fibre Sizes
- 6 Main Supervisor : ASSOC. PROF Ts. Dr. AESLINA BINTI ABDUL KADIR  
Co-Supervisor : PROF. IR. Dr. MUHD FADHIL NURUDDIN (UTP)  
: Dr. MOHAMED KHODJA (Sonatrach, Algeria)  
Student : (1) Ali Benlamoudi (PFA)  
Thesis title : The Reuse Of The Algerian Petroleum Sludge As Alternative Raw Material For Cement Production
- Student : (2) Noor Amira Binti Sarani (PFA)  
Thesis title : Physical, Mechanical And Environmental Properties Of Fired Clay Bricks Incorporated With Palm Oil Mill Waste
- Student : (3) Nur Wahidah Binti Azhari (KFA)  
Thesis title : The Performance Of Takakura Composting Using Food Waste From Makanan Ringan Mas Industry
- Student : (4) Siti Noratifah Binti Jamaludin (KFA)  
Thesis title : Study Of Food Waste Composting By Using Breadfruit Peel As Fermentation Liquid

- 7 Main Supervisor : ASSOC. PROF Ts. Dr. AZIMAN BIN MADUN  
 Co-Supervisor : ASSOC. PROF Ts. Dr. FELIX LING NGEE LEH  
 : ASSOC. PROF Dr. SAIFUL AZHAR BIN AHMAD TAJUDIN  
 Student : (1) Sif Allah Meghzili (PFA)  
 Thesis title : The Hybrid Of Floating Stone Column By Numerical And  
 Physical Evaluation
- 8 Main Supervisor : ASSOC. PROF Dr. HILTON @ MOHD HILTON BIN AHMAD  
 Co-Supervisor : Dr. MUSTAFASANIE M. YUSSOFF (USM)  
 Student : (1) Khairi Bin Supar (PFA)  
 Thesis title : Study Of Woven Fabric Kenaf Composites In Notched  
 Plates And Multi-Bolted Joints By Using XFEM Technique
- 9 Main Supervisor : ASSOC. PROF Ts. Dr. LOKMAN HAKIM BIN ISMAIL  
 Student : (1) Ahmed Abdulmottaleb Elgadi (PFA)  
 Thesis title : Sustainable Urban Planning Development Indicators  
 Model For Neighbourhoods In Tripoli, Libya
- 10 Main Supervisor : ASSOC. PROF Dr. MOHAMAD YUSRI BIN AMAN  
 Student : (1) Adham Mohammed Hezam Alnadish (PFA)  
 Thesis title : Performance Of Asphalt Mixtures Containing Steel Slag  
 Aggregate And Synthetic Fiber  
 Student : (2) Mohammad Nasir Bin Mohamad Taher (PFA)  
 Thesis title : Performance Of Advera® Warm Mix Asphalt With  
 Reclaimed Asphalt Pavement Materials
- 11 Main Supervisor : ASSOC. PROF Dr. MOHD ADIB BIN MOHAMMAD RAZI  
 Student : (1) Nor Azimah Binti Marimin (KFA)  
 Thesis title : Integration Of Hydraulic Model (HEC-RAS) And  
 Geographical Information System (GIS) In Development  
 Flood Evacuation Center Along Sembrong River Area
- 12 Main Supervisor : ASSOC. PROF Sr. Dr. MOHD EFFENDI BIN DAUD  
 Student : (1) Mohd Alias Bin Mohd Noor (KFA)  
 Thesis title : Assessment Of Dynamics Behaviour On Batu Pahat Area  
 By Using Surface Wave Method
- 13 Main Supervisor : ASSOC. PROF Ts. Dr. MOHD EZREE BIN ABDULLAH  
 Co-Supervisor : Ts. Dr. KAMARUDIN BIN AMBAK  
 : Dr. MOHD ROSLI BIN MOHD HASAN (USM)  
 : Dr. NORHIDAYAH BINTI ABDUL HASSAN (UTM)  
 Student : (1) Kabiru Abdullahi Ahmad (PFA)  
 Thesis title : Jatropha Curcas Oil As A Bio-Based Rejuvenating Agent  
 For Reclaimed Asphalt Pavement Mixtures

- 14 Main Supervisor : ASSOC. PROF Ts. Dr. MOHD HAZIMAN BIN WAN  
IBRAHIM  
Co-Supervisor : ASSOC. PROF Dr. NORWATI BINTI JAMALUDDIN  
: Dr. MOHD FADZIL BIN ARSHAD (UiTM)  
Student : (1) Sajjad Ali (PFA)  
Thesis title : Strength Prediction And Durability Performance Of  
Concrete Containing Coal Bottom Ash As Supplementary  
Cementitious Material Under Aggressive Environment  
Co-Supervisor : Dr. AHMAD ZURISMAN BIN MOHD ALI  
Student : (2) Nik Nadia Amira Binti Nik Pa (KFA)  
Thesis title : The Potentials Of Pennisetum Purpureum Ash As Cement  
Replacement Material  
Co-Supervisor : ASSOC. PROF Dr. NORWATI BINTI JAMALUDDIN  
Student : (3) Nurul Fasihah Binti Basirun (KFA)  
Thesis title : Strength And Water Permeability Of Concrete Containing  
Coal Bottom Ash As Cement And Fine Aggregate  
Replacement Material
- 15 Main Supervisor : ASSOC. PROF Dr. NOOR YASMIN BINTI ZAINUN  
Student : (1) Nor Helmie Shahreen Bin Mohd Ali (KFA)  
Thesis title : Development Of Housing Demand Prediction: Penang,  
Malaysia  
Co-Supervisor : PROF. Dr. ISMAIL BIN ABDUL RAHMAN  
Student : (2) Siti Noraen Binti Jaharudin (KFA)  
Thesis title : The Effectiveness Of "Secure And Guard" (SG) Method  
And 14 Protocol Against Illegal Dumping Of Solid Waste  
In Wilayah Persekutuan Kuala Lumpur (WPKL)
- 16 Main Supervisor : ASSOC. PROF Dr. NORIDAH BINTI MOHAMAD  
Co-Supervisor : PROF. Ir. Dr. ABDUL AZIZ BIN ABDUL SAMAD  
: Dr. GOH WAN INN  
Student : (1) Anas Qasim Khalaf (PFA)  
Thesis title : Self Compacting Concrete Containing Polypropylene Fibre  
And Its Behaviour As Wall Panel Under Cyclic Load  
Student : (2) Muhammad Tahir (KFA)  
Thesis title : Structural Performance Of Precast Self-Compacting  
Concrete Beam Consisting Banana Skin Powder And Coir  
Fibre Under Flexural Load
- 17 Main Supervisor : ASSOC. PROF Ts. Dr. NORSHUHAILA BINTI MOHAMED  
SUNAR  
Co-Supervisor : ASSOC. PROF Dr. ABDUL MUTALIB BIN LEMAN  
: ASSOC. PROF Ts. Dr. NORZILA BINTI OTHMAN  
Student : (1) Er Chin Ming (PFA)  
Thesis title : Development Of Limiting Dilution Viability PCR Method  
To Assess The Effectiveness Of Selected Biocides To Treat  
Indoor Fungi Growth



- 18 Main Supervisor : ASSOC. PROF Dr. NORWATI BINTI JAMALUDDIN  
Co-Supervisor : Ts. Dr. NORASHIDAH BINTI ABD RAHMAN  
: Dr. ALI NAJI ATTIYAH (University Of Kufa)  
Student : (1) Alyaa Abdulrazzaq Azeez (PFA)  
Thesis title : Behavior Of Concrete-Filled PVC Tube Columns Under Axial Load
- 19 Main Supervisor : ASSOC. PROF Ts. Dr. RADIN MAYA SAPHIRA BINTI RADIN MOHAMED  
Co-Supervisor : Dr. BALKIS BINTI HAJI A.TALIP  
: Dr. ADEL ALI SAEED ABDUH ALGHEETHI  
Student : (1) Najeeha Binti Mohd Apandi (PFA)  
Thesis title : Phycoremediation Of Wet Market Wastewater Using Microalgae *Scenedesmus sp.* For Biomass Production  
Co-Supervisor : PROF. Ir. Dr. AMIR HASHIM BIN MOHD KASSIM  
: Dr. ADEL ALI SAEED ABDUH ALGHEETHI  
: Dr. HAZEL MONICA MATIAS-PERALTA  
Student : (2) Noor Maisara Binti Jais (PFA)  
Thesis title : Microalgae *Scenedesmus sp.* Bioreactor For Removal Of Nutrients And Organic Contents From Wet Market Wastewater
- 20 Main Supervisor : ASSOC. PROF Ir. Ts. Dr. RIDUAN BIN YUNUS  
Co-Supervisor : PUAN SITI KHALIJAH BINTI YAMAN  
Student : (1) Syazwana Binti Tajul Ariffin (KFA)  
Thesis title : Relationship Of Economies Of Scale (EOS) Factors For Malaysian Industrialised Building System (IBS) Precast Manufacturer
- 21 Main Supervisor : ASSOC. PROF Dr. SAIFUL AZHAR BIN AHMAD TAJUDIN  
Co-Supervisor : PROF. Dr. AHMAD TARMIZI BIN ABD KARIM  
Student : (1) Mohamad Azim Bin Mohammad Azmi (PFA)  
Thesis title : Stabilisation And Solidification Of Contaminated Soil Using Cement And Sugarcane Bagasse Ash (SCBA)  
Co-Supervisor : ASSOC. PROF Ts. Dr. AZIMAN BIN MADUN  
: Dr. MOHD FAKHRURRAZI BIN ISHAK (UMP)  
Student : (2) Siti Fazlina Binti Md Isa (PFA)  
Thesis title : The Effects Of Grass And Rainfall Pattern On The Matric Suction Of Acidic Soil Slopes
- 22 Main Supervisor : ASSOC. PROF Ts. Dr. ZAWAWI BIN DAUD  
Co-Supervisor : Dr. AZHAR BIN ABDUL HALIM (UKM)  
Student : (1) Shahril Effendi Bin A Rahman (PFA)  
Thesis title : Rawatan Larut Resapan Menggunakan Penjerap Media Komposit Karbon Teraktif, Zeolit, Batu Kapur Dan Enapcemar Sisa Kertas

- 23 Main Supervisor : Ts. Dr. FAISAL BIN SHEIKH KHALID  
Student : (1) Puteri Natasya Binti Mazenan (KFA)  
Thesis title : Utilization Of Coal Bottom Ash And Fine Coconut Shell As  
Partial Sand Replacement In Concrete
- 24 Main Supervisor : Ts. Dr. MOHD ARIFF BIN AHMAD NAZRI  
Co-Supervisor : Dr. MOHD HAZREEK BIN ZAINALABIDIN  
Student : (1) Akhtar Izzaty Binti Riwayat (KFA)  
Thesis title : Identification Of Surface Water And Groundwater  
Relationship At Universiti Tun Hussein Onn Malaysia  
(UTHM) Campus
- 25 Main Supervisor : Ts. Dr. MUHAMMAD FIKRI BIN HASMORI  
Co-Supervisor : Ts. Dr. SASITHARAN A/L NAGAPAN  
Student : (1) Ahmad Faizul Bin Mohd Zain (KFA)  
Thesis title : Critical Management Practices In Reducing Construction  
Project On-Site Waste
- 26 Main Supervisor : Dr. MUHAMMAD SALLEH BIN HAJI ABUSTAN  
Co-Supervisor : Dr. SITI HIDAYAH BINTI ABU TALIB  
Student : (1) Mohd Firdaus Bin Mohamad Ali (KFA)  
Thesis title : Pedestrians Walking Speed And Psychological Distance At  
Bus Terminal And Shopping Mall
- 27 Main Supervisor : Dr. NOR AMANI FILZAH BINTI MOHD KAMIL  
Co-Supervisor : ASSOC. PROF Ts. Dr. AESLINA BINTI ABDUL KADIR  
Student : (1) Noorafizah Binti Murshid (KFA)  
Thesis title : Leaching Behaviors Of Heavy Metals On Petroleum Sludge  
Waste Treatment By Using Solidifications / Stabilization  
(S/S) Method With Palm Oil Fuel Ash As Partial Cement  
Replacement
- 28 Main Supervisor : Ts. Dr. NOR HASLINDA BINTI ABAS  
Co-Supervisor : PUAN SITI KHALIJAH BINTI YAMAN  
Student : (1) Norfarahayu Binti Kariya (KFA)  
Thesis title : Establishment Of Generic House Components' Life  
Expectancy (LE) For House Owners To Assess Quality Of  
House Components In Malaysia
- 29 Main Supervisor : Dr. NOR HAYATI BINTI ABD GHAFAR  
Co-Supervisor : Ts. Dr. NORASHIDAH BINTI ABD RAHMAN  
Student : (1) Nur `Amirah Binti Mohd Azaman (KFA)  
Thesis title : Vibration Test And Parametric Study Of Concrete Flooring  
System Towards Human Comfort

- 30 Main Supervisor : Dr. NOR HAZURINA BINTI OTHMAN  
 Co-Supervisor : Ts. Dr. SHAHIRON BIN SHAHIDAN  
 Student : (1) Muhammad Shabery Bin Sainudin (KFA)  
 Thesis title : Kesan Abu Kulit Kupang (Perna Viridis) Sebagai Bahan Tambah Di Dalam Konkrit Terhadap Pengawetan Larutan Sodium Klorida  
 Co-Supervisor : Dr. GOH WAN INN  
 Student : (2) Nurul Nabilah Binti Ismail (KFA)  
 Thesis title : Sifat Fizikal Dan Keupayaan Mekanikal Konkrit Campuran Abu Kulit Kupang (Perna Viridis) Sebagai Bahan Tambah
- 31 Main Supervisor : Dr. NURAZUWA BINTI MD NOOR  
 Co-Supervisor : Dr. GOH WAN INN  
 Student : (1) Zahid Hussain (KFA)  
 Thesis title : Compressive Strength Of Seawater-Rha Concrete Containing High Volume Of CBA As Sand Replacement
- 32 Main Supervisor : Dr. NUR SHAYLINDA BINTI MOHD ZIN  
 Student : (1) Laila Wahidah Binti Mohamad Zailani (KFA)  
 Thesis title : Keberkesanan Elektro-Penggumpalan (Aluminum Dan Ferum) Bersama Bahan Penggumpal Komposit (Poli Aluminum Klorida Dan Tepung Ubi Kayu) Bagi Merawat Larut Lesapan  
 Student : (2) Mohamad Azizan Bin Omar (KFA)  
 Thesis title : Leachate Treatment By Using Composite Coagulant Made From Polyaluminium Chloride (PAC) And Tapioca Starch (TS)
- 33 Main Supervisor : Ts. Dr. SASITHARAN A/L NAGAPAN  
 Co-Supervisor : ASSOC. PROF Ts. Dr. ABD HALID BIN ABDULLAH  
 Student : (1) Haritharan A/L Maniam (KFA)  
 Thesis title : A Comparative Study Of Construction Waste Generation Rates Based On Different Construction Methods Used In Construction Projects In Malaysia  
 Co-Supervisor : ASSOC. PROF Ts. Dr. ABD HALID BIN ABDULLAH  
 Student : (2) Kageishieny A/P Nadarason (KFA)  
 Thesis title : Relationship Between Construction Waste Generation And Recycling Practices In Southern Johor
- 34 Main Supervisor : Ts. Dr. SHAHIRON BIN SHAHIDAN  
 Co-Supervisor : Dr. NOORWIRDAWATI BINTI ALI  
 : Dr. NORAZURA BINTI MUHAMMAD BUNNORI (UM)  
 Student : (1) Nurul Izzati Raihan Binti Ramzi Hannan (KFA)  
 Thesis title : Acoustic And Non-Acoustic Performance Of Coal Bottom Ash As Sound Absorptive Material For Reducing Railway Noise Level

- 35 Main Supervisor : Dr. SITI HIDAYAH BINTI ABU TALIB  
 Co-Supervisor : Dr. MUHAMMAD SALLEH BIN HAJI ABUSTAN  
 Student : (1) Syarifah Intan Najla Binti Syed Hashim (KFA)  
 Thesis title : Assessment Of Sediment And Water Quality In Sembrong Reservoir, Johor
- 36 Main Supervisor : Dr. SITI NAZAHYAH BINTI RAHMAT  
 Co-Supervisor : Dr. MOHAMAD FAIZAL BIN TAJUL BAHARUDDIN  
 Student : (1) Syafiqa Binti Ayob (KFA)  
 Thesis title : Development Of Dual Water Supply Using Rainwater Harvesting And Groundwater Systems
- 37 Main Supervisor : ENCIK KOH HENG BOON  
 Co-Supervisor : Ts. AHMAD FAHMY BIN KAMARUDIN  
 : Dr. SHERLIZA BINTI ZAINI SOORIA (JKR)  
 Student : (1) Nurul Shazwin Binti Idris (KFA)  
 Thesis title : Natural Frequencies Evaluation On Existing Reinforced Concrete Bridges Using Microtremor Testing

***FACULTY OF ELECTRICAL AND ELECTRONIC ENGINEERING***

- 38 Main Supervisor : PROF. Dr. MOHAMMAD FAIZ LIEW BIN ABDULLAH  
 Student : (1) Mohamed Mahmud Muftah Shumani (PEE)  
 Thesis title : Outgate Prediction Modelling Of Terrestrial Free Space Optics For Tropical Region
- 39 Main Supervisor : ASSOC. PROF Dr. AFANDI BIN AHMAD  
 Student : (1) Azlan Bin Muharam (PEE)  
 Thesis title : Efficient Architectures Of Heterogeneous FPGA-GPU For 3-D Medical Image Compression  
 Student : (2) Muhammad Faris Bin Roslan (KEE)  
 Thesis title : IOT-Based Solution Towards Real-Time Monitoring System For High Jump Sport
- 40 Main Supervisor : ASSOC. PROF Ir. Dr. BABUL SALAM B. KSM KADER IBRAHIM  
 : Dr. MOHAMMAD SAIFUL HUQ  
 : Dr. SHAHNOOR SHANTA  
 Student : (1) Fahad Sherwani (PEE)  
 Thesis title : An Improved Data Classification Framework Based On Fractional Particle Swarm Optimization  
 Student : (2) Mohammed Ahmed (PEE)  
 Thesis title : Nonlinear Robust Control Of Functional Electrical Stimulation System For Paraplegia

- 41 Main Supervisor : ASSOC. PROF Dr. FAUZIAHANIM BINTI CHE SEMAN  
 Co-Supervisor : Dr. SHIPUN ANUAR BIN HAMZAH  
 Student : (1) Khalid Subhi Ahmad (PEE)  
 Thesis title : Reconfigurable Phased Microstrip Antenna Array With Defected Ground Structure And Defected Microstrip Structure For Beam Steering Applications
- 42 Main Supervisor : ASSOC. PROF Dr. JIWA BIN ABDULLAH  
 Co-Supervisor : Dr. ANSAR BIN JAMIL  
 Student : (1) Nayef Abdulwahab Mohammed Alduais (PEE)  
 Thesis title : An Efficient Real-Time Data Collection Model For Multivariate Sensors In Internet Of Things (IOT) Applications  
 Student : (2) Hassan Hamid Ekal (PEE)  
 Thesis title : Improvement Of Non-Uniform Node Deployment Mechanism For Corona-Based Wireless Sensor Networks
- 43 Main Supervisor : ASSOC. PROF Ts. Dr. MUHAMMAD MAHADI BIN ABDUL JAMIL  
 Co-Supervisor : ASSOC. PROF DR FARIDAH BINTI MOHD NOR (UKM)  
 Student : (1) Hadi Abdullah (PEE)  
 Thesis title : Automated Platform For Histological Race And Sex Comparison Of Human Cortical Bone  
 Co-Supervisor : ASSOC. PROF DR FARIDAH BINTI MOHD NOR (UKM)  
 Student : (2) Ijaz Khan (PEE)  
 Thesis title : Automated Human Age At Death Estimation System From Long Bones Histology  
 Co-Supervisor : Dr. MOHAMAD NAZIB BIN ADON  
 Student : (3) Azra Hazwanie Binti Azizulkarim (KEE)  
 Thesis title : Investigation Of Procupine Bezoar Extract (Hystrix Brachyuran) On Hela Cell Combined With Electroporation Method  
 Co-Supervisor : Dr. MOHAMAD NAZIB BIN ADON  
 Student : (4) Daing Noor Farhanah Binti Mohamad Ishak (KEE)  
 Thesis title : Study Of Low Voltage Electroporation Technique On Hela Cell Treated With Neolamarckia Cadamba Extracts  
 Co-Supervisor : Dr. MOHAMAD NAZIB BIN ADON  
 Student : (5) Suhassni A/P Ganeson (KEE)  
 Thesis title : Pulse Electric Field Effect On Cervical Cancer Cell: A Plant Based Anti-Cancer Study  
 Student : (6) Safyzan Bin Salim (KEE)  
 Thesis title : Biosignal Acquisition And Interfacing Technique For Post Stroke Rehabilitation
- 44 Main Supervisor : ASSOC. PROF Dr. NAFARIZAL BIN NAYAN  
 Student : (1) Kanthaan A/L Sivapathy (KEE)  
 Thesis title : Study And Analysis Of Surface Charge Collection And Emission Spectrum Of Plasma Ashing Process

- 45 Main Supervisor : ASSOC. PROF Ir. Dr. MUHAMMAD SAUFI BIN KAMARUDIN  
Co-Supervisor : Dr. MOHD FAIROUZ BIN MOHD YOUSOF  
Student : (1) Norshafiqah Binti Azizol (KEE)  
Thesis title : Empirical Investigation On The Effects Of Electric Field Uniformity Towards Breakdown Characteristics Of Air-CO<sub>2</sub> Gas Mixtures Under AC, DC And Lightning Impulse Voltage
- 46 Main Supervisor : ASSOC. PROF Dr. ROZLAN BIN ALIAS  
Co-Supervisor : Dr. KHAIRUN NIDZAM BIN RAMLI  
Student : (1) Raed Abdulkareem Abdulhasan (PEE)  
Thesis title : Design A High Gain UWB MIMO Uniplanar Monopole Antenna With FSS Array For Metallic Object Microwave Imaging
- 47 Main Supervisor : ASSOC. PROF Dr. SAMSUL HAIMI BIN DAHLAN  
Co-Supervisor : Dr. HUDA BIN A MAJID  
: Dr. YEE SEE KHEE  
: Dr. ZUHAIIRIAH BINTI ZAINAL ABIDIN  
Student : (1) Adel Yahya Isa Ashyap (PEE)  
Thesis title : A Compact Low Profile Textile Antenna Based On Electromagnetic Band-Gap Structure For Wearable Body Application At 2.4 GHz  
Co-Supervisor : Dr. NORAN AZIZAN BIN CHOLAN  
Student : (2) Nurul 'Atiqah Binti Ahmad (PEE)  
Thesis title : New Techniques For Multiple Wavelength Fiber Laser Generation Based On EDFA And TDFA
- 48 Main Supervisor : ASSOC. PROF Dr. SHAMSUL AIZAM BIN ZULKIFLI  
Student : (1) Noor Mazliza Binti Badrul Sham (KEE)  
Thesis title : An Improved Capacitor Voltage Control In PV Z-Source Inverter With Shoot-Through Effect  
Student : (2) Ronald Anak Jackson (KEE)  
Thesis title : Power Sharing Conditioning Control In Single-Phase Parallel Distributed Generations With Simple Improvement Of Droop Control
- 49 Main Supervisor : Ts. Dr. ASMARASHID BIN PONNIRAN  
Co-Supervisor : ASSOC. PROF Dr. SHAMSUL AIZAM BIN ZULKIFLI  
: PROF. Dr. TAUFIK (Cal Poly State University)  
Student : (1) Afarulrazi Bin Abu Bakar (PEE)  
Thesis title : Design Of Dual-Input Two Phase DC/DC Converter With Modified Pulse Width Modulation (MPWM)  
Co-Supervisor : Dr. AFARULRAZI BIN ABU BAKAR  
: Dr. KHAIRUL SAFUAN MUHAMMAD (UiTM)  
Student : (2) Mohamad Kamil Bin Romai Noor (KEE)  
Thesis title : Single-Switch Bridgeless PFC Sepic With Proposed Series-Line-Diodes-Clamped Configuration For Data Communication Applications

- Co-Supervisor : Dr. AFARULRAZI BIN ABU BAKAR  
Student : (3) Mohd Amirul Naim Bin Kasiran (KEE)  
Thesis title : Multilevel Capacitor-Clamped DC-DC Boost Converter Structure With Soft-Switching Technique Implementation For High Power Density Achievement
- Co-Supervisor : Dr. AFARULRAZI BIN ABU BAKAR  
Student : (4) Mohd Hafizie Bin Yatim (KEE)  
Thesis title : Symmetric And Asymmetric Multilevel Inverter Topologies With Reduced Number Of Switching Devices Structure For High Power Density Achievement
- 50 Main Supervisor : Dr. CHIA KIM SENG  
Student : (1) Mohd Nazrul Effendy Bin Mohd Idrus (KEE)  
Thesis title : Predictive Models In Near-Infrared Spectroscopic Analysis For Blood Hemoglobin Prediction
- 51 Main Supervisor : Dr. FARIZA BINTI MOHAMAD  
Student : (1) Anis Zafirah Mohd Ismail (KEE)  
Thesis title : The Effect Of Annealing Treatment Parameter On n-Cu<sub>2</sub>O Thin Film For Homostructure Application
- Co-Supervisor : ASSOC. PROF Dr. MOHD KHAIRUL BIN AHMAD  
Student : (2) Fadilah Norazni Binti Fahrizal (KEE)  
Thesis title : Fabrication Of Nanorod TiO<sub>2</sub>/Cu<sub>2</sub>O Heterostructure Thin Film
- Co-Supervisor : ASSOC. PROF Dr. MOHD KHAIRUL BIN AHMAD  
Student : Dr. NABIHAH @ NORNABIHAH BINTI AHMAD  
Thesis title : (3) Fakhriah Binti Razali (KEE)  
Comparative Study Of Nanorods And Nanoflowers TiO<sub>2</sub> Thin Film For Heterostructure Application
- 52 Main Supervisor : Dr. KHAIRUN NIDZAM BIN RAMLI  
Co-Supervisor : Dr. MONTADAR ABAS TAHER (University Of Diyala)  
Student : (1) Al-Jawhar Yasir Amer Abduljabbar (PEE)  
Thesis title : New Methods Of Partial Transmit Sequence For Reducing The High Peak-To-Average-Power Ratio With Low Complexity In The OFDM And F-OFDM Systems
- 53 Main Supervisor : Ts. Dr. KHALID BIN ISA  
Co-Supervisor : Dr. MOHD RAZALI BIN MD TOMARI  
Student : (1) Siti Nur Ateeqa Binti Mohamad (KEE)  
Thesis title : An Assistive Robotics Control System Based On Speech Semantic Recognition
- Student : (2) Nurliyana Binti Kafli (KEE)  
Thesis title : Water Surface Platform For Internet-Based Environmental Monitoring System
- 54 Main Supervisor : Dr. MOHD AIFAA BIN MOHD ARIFF  
Student : (1) Qusay A. Salih Al-Gburi (PEE)  
Thesis title : Enhanced Dynamic Security Assessment For Power System Under Normal And Fake Tripping Contingencies

- 55 Main Supervisor : Dr. MOHD FAIROUZ BIN MOHD YOUSOF  
 Co-Supervisor : ASSOC. PROF Ir. Dr. MUHAMMAD SAUFI BIN KAMARUDIN  
 Student : (1) Nurul Farahwahida Binti Md. Yasid (KEE)  
 Thesis title : The Characteristic Of Frequency Response On Winding Faults And Configurations Of Transformer
- 56 Main Supervisor : Dr. MOHD RAZALI BIN MD TOMARI  
 Student : (1) Syadia Nabilah Binti Mohd Safuan (KEE)  
 Thesis title : Lymphoblast Cell Morphology Identification To Detect Acute Lymphoblastic Leukemia (ALL) Using Various Color Segmentation Methods
- 57 Main Supervisor : Dr. NORAN AZIZAN BIN CHOLAN  
 Student : (1) Suhairie Bin Saleh (KEE)  
 Thesis title : Stable Multiwavelength Erbium-Doped Random Fiber Laser
- 58 Main Supervisor : Dr. NOR SHAHIDA BINTI MOHD SHAH  
 Co-Supervisor : ASSOC. PROF Dr. TAY KIM GAIK  
 : Dr. NORAN AZIZAN BIN CHOLAN  
 : Dr. RAHMAT BIN TALIB  
 : Dr. HASSAN PAKARZADEH (Shiraz University Of Technology)  
 Student : (1) Nurulanati Binti Othman (PEE)  
 Thesis title : Impacts Of Higher - Order Dispersion Coefficients And Dispersion Fluctuations On One - Pump Fiber Optical Parametric Amplifier

***FACULTY OF MECHANICAL AND MANUFACTURING ENGINEERING***

- 59 Main Supervisor : PROF. Dr. KHALID BIN HASNAN  
 Co-Supervisor : ASSOC. PROF Ts. Dr. MD FAUZI BIN AHMAD @ MOHAMAD  
 : ASSOC. PROF Ts. Dr. MUSLI BIN MOHAMMAD  
 Student : (1) Abdurrezzag M. A. Ataalah (PDM)  
 Thesis title : Development Of New Lean Manufacturing Approach Through People Development And Process Improvement As A Mediator In The Libyan Companies
- 60 Main Supervisor : PROF. Ir. Dr. MD SAIDIN BIN WAHAB  
 Co-Supervisor : ASSOC. PROF Ts. Dr. MUSTAFFA BIN HJ IBRAHIM  
 Student : (1) Azli Amin Bin Ahmad Raus (PDM)  
 Thesis title : Performance Evaluation Of AISI10MG Mould Insert Material Fabricated By Selective Laser Melting Process



- Co-Supervisor : Dr. MOHD FAIZAL BIN MOHIDEEN BATCHA  
 : Dr. SHAYFULL ZAMREE BIN ABD RAHIM (UniMAP)
- Student : (2) Khairu Bin Kamarudin (PDM)
- Thesis title : Evaluation On Performance Of Square Finned Conformal Cooling Channel (SFCCC) Fabricated By Selective Laser Melting (SLM) On Plastic Moulded Part
- Student : (3) Aznizam Bin Ahmad (KDM)
- Thesis title : Investigation Of Mould Design And Process Parameter Optimisation Of Plastic Injection Moulding For Thin Wall Part
- 61 Main Supervisor : ASSOC. PROF Dr. ANIKA ZAFIAH BINTI MOHD RUS  
 Co-Supervisor : PROF. Dr. MOHAMMAD FAIZ LIEW BIN ABDULLAH  
 Student : (1) Nur Munirah Binti Abdullah (PDM)  
 Thesis title : Synthesis And Characterization Of Ultra Violet Curable Renewable Polymer Graphite Composites
- 62 Main Supervisor : ASSOC. PROF Dr. ERWEEN BIN ABD RAHIM  
 Co-Supervisor : Dr. SYAHRULLAIL BIN SAMION (UTM)  
 Student : (1) Amiril Sahab Bin Abdul Sani (PDM)  
 Thesis title : Study On The Application Of Ionic Liquids In Bio-Based Lubricant For A Sustainable Machining Process
- 63 Main Supervisor : ASSOC. PROF Dr. HARIATI BINTI MOHD TAIB @ TAIB  
 Co-Supervisor : ASSOC. PROF Dr. SHAHRUDDIN BIN MAHZAN @ MOHD ZIN  
 : Dr. NOORASIKIN BINTI SAMAT (UIAM)  
 Student : (1) Mohd Azham Bin Azmi (PDM)  
 Thesis title : Fabrication, Characterisation And Properties Of Polysiloxane Rice Husk Silica Composites
- 64 Main Supervisor : ASSOC. PROF Dr. IBRAHIM BIN MASOOD  
 Co-Supervisor : ASSOC. PROF Dr. ONG PAULINE  
 Student : (1) Mohamad Azrul Azhad Bin Mohd Haizan (KDM)  
 Thesis title : Identification Of Shift Variation In Bivariate Process Using Pattern Recognition Technique
- 65 Main Supervisor : ASSOC. PROF Dr. MAS FAWZI BIN MOHD ALI  
 Co-Supervisor : ASSOC. PROF Dr. NOR ZELAWATI BINTI ASMUIN  
 : Dr. SHAHRUL AZMIR BIN OSMAN  
 Student : (1) Norrizal Bin Mustafa (PDM)  
 Thesis title : Combustion Characteristics Of A Spark Ignition Engine Operating With Liquid LPG Injection  
 Co-Supervisor : Dr. SHAHRUL AZMIR BIN OSMAN  
 Student : (2) Abd Fathul Hakim Bin Zulkifli (PDM)  
 Thesis title : Combustion Characterization Of A Diesel-CNG Dual Fuel Engine Using Statistical Approach

- Co-Supervisor : PROF. DATO' Ir. Dr. ABDUL WAHAB BIN MOHAMMAD (UKM)  
 Student : (3) Rais Hanizam Bin Madon (PDM)  
 Thesis title : Development Of New Steam Methane Reforming Mobile Plant With Micro-Scale Catalytic Channels
- 66 Main Supervisor : ASSOC. PROF Ts. Dr. MOHD HALIM IRWAN BIN IBRAHIM  
 Co-Supervisor : PROF Dr. NORHAMIDI BIN MUHAMAD (UKM)  
 Student : (1) Najwa Binti Mustafa (PDM)  
 Thesis title : Optimization Processability Of SS316L Used Natural Hydroxyapatite From Waste Tilapia Fish Bones In Metal Injection Molding  
 Student : (2) Thoufeili Bin Taufek (KDM)  
 Thesis title : Evaluation Of Hydroxyapatite (HA) From Waste Eggshell Strengthened With Ultra High Molecular Weight Polyethylene (UHMWPE) By Using Injection Molding Process
- 67 Main Supervisor : ASSOC. PROF Ts. Dr. MUHD HAFEEZ BIN ZAINULABIDIN  
 Student : (1) Lauren Mat Wan (KDM)  
 Thesis title : Acoustical Characteristic Of Empty Fruit Bunch (EFB) Fibre With Influence Of Sodium Hydroxide Treatment Time And Decay Lifespan  
 Student : (2) Mohd Nor Azmi Bin Ahmad Nordin (KDM)  
 Thesis title : The Evaluation Of Acoustic Characteristic Performance On Natural Sound Absorbing Materials From Cogon Grass Waste
- 68 Main Supervisor : ASSOC. PROF Ts. Dr. MUSTAFFA BIN HJ IBRAHIM  
 Student : (1) Kesevaan A/L Morgan (KDM)  
 Thesis title : Parameter Optimization For CO<sub>2</sub> Laser Cutting Of Wood Polymer Composite (WPC) (20% Wood)
- 69 Main Supervisor : ASSOC. PROF Ts. Dr. MUSLI BIN MOHAMMAD  
 Student : (1) Edly Ferdin Bin Ramly (PDM)  
 Thesis title : A Diagnosis Framework For Selecting Operational Improvement Opportunities For Malaysian Industries
- 70 Main Supervisor : ASSOC. PROF Dr. NOR ZELAWATI BINTI ASMUIN  
 Co-Supervisor : Dr. AZMAHANI BINTI SADIKIN  
 Student : (1) Mohamad Farid Bin Sies (PDM)  
 Thesis title : Development Of Deflector Flat Spray Nozzle With Mixed Of Water And Organic Citric Acid For Emissions Trap And Cooling In The Kitchen Hood Ventilation System  
 Student : (2) Mohamad Nur Hidayat Bin Mat (PDM)  
 Thesis title : Geometry Optimization Of Dry Ice Blasting Nozzle For The Noise Reduction Using Experimental Validation

- 71 Main Supervisor : ASSOC. PROF Ts. Dr. SALIHATUN BINTI MD SALLEH  
 Co-Supervisor : Dr. NADIA BINTI HALIB (USIM)  
 Student : (1) Ainul Husna Binti Mohd Yusoff (KDM)  
 Thesis title : System Identification And PID Control Of Toothbrush Simulator System
- 72 Main Supervisor : ASSOC. PROF Dr. SH SALLEH BIN SH AHMAD  
 Student : (1) Salem Abdulsalam Elteriki (PDM)  
 Thesis title : Hybrid Artificial Bee Colony Algorithm With Branch And Bound For Two-Sided Assembly Line Balancing
- 73 Main Supervisor : ASSOC. PROF Dr. SHAHRUDDIN BIN MAHZAN @ MOHD ZIN  
 Student : (1) Muhamad Fitri (PDM)  
 Thesis title : The Effect Of Chemical Treatment, Fibre Length, Fibre Content And Injection Moulding Parameters To UV Irradiation Resistance Of Oil Palm Fibre Reinforced Composites
- 74 Main Supervisor : ASSOC. PROF Dr. SIA CHEE KIONG  
 Co-Supervisor : ASSOC. PROF Dr. ONG PAULINE  
 Student : (1) Azlan Bin Zainudin (PDM)  
 Thesis title : Performance Properties Optimization Of Triaxial Ceramic-Palm Oil Fuel Ash By Employing Taguchi Design And Flower Pollination Algorithm  
 Co-Supervisor : Dr. YEE SEE KHEE  
 Student : (2) Narong A/L Oh Lai Ching (PDM)  
 Thesis title : Hybrid Optimisation Electromagnetic Interference Shielding Effectiveness : Mechanical And Physical Performance Of Plaster Mortar Containing Palm Oil Fuel Ash Using Taguchi Grey And Taguchi-Flower Pollination Algorithm Methods
- 75 Main Supervisor : ASSOC. PROF Dr. ZAWATI BINTI HARUN  
 Co-Supervisor : Dr. MOHD HAFIZ DZARFAN BIN OTHMAN (UTM)  
 Student : (1) Tijjani Abdullahi (PDM)  
 Thesis title : Development And Optimization Of Zeolite Synthesis Route From Natural Kaolin For Adsorption Of Dyes  
 Co-Supervisor : Dr. MUHAMAD ZAINI BIN YUNOS  
 : Ts. Dr. SITI AIDA BINTI IBRAHIM  
 Student : (2) Mohd Faiz Hafeez Bin Azhar (KDM)  
 Thesis title : The Effect Of Flower - Like Titania Towards Characteristics And Performance Of Polysulfone Mixed Matrix Membrane

- 76 Main Supervisor : Dr. ABDUL LATIF BIN MOHD TOBI  
 Co-Supervisor : Ts. Dr. ZAKIAH BINTI KAMDI  
 Student : (1) Muhammad Iqzaham Bin Ismail (KDM)  
 Thesis title : Influence Of Welding Parameters On Microstructure And  
 Wear Behaviour Of Hardfacing Deposited On Continous  
 Digester
- 77 Main Supervisor : Dr. AZWAN BIN SAPIT  
 Co-Supervisor : Dr. QAHTAN ADNAN ABED  
 (University College Engineering Technology-Najaf)  
 Student : (1) Ali Mohammed Hayder (PDM)  
 Thesis title : Thermal Performance Of Backflow Solar Air Heating With  
 Integrated Nanoparticle Enhanced PCM Absorber Storage  
 System
- 78 Main Supervisor : Ts. Dr. MOHAMMAD FAHMI BIN ABDUL GHAFIR  
 Co-Supervisor : PROF. Ir. Dr. ABAS BIN AB WAHAB  
 Student : (1) Siti Nur Mariani Binti Mohd Yunos (PDM)  
 Thesis title : Assessment And Optimisation Of Performance, Emissions  
 And Cost Of Aviation Synthetic Paraffinic Kerosene Fuel
- 79 Main Supervisor : Dr. MOHAMMAD KAMIL BIN ABDULLAH  
 Student : (1) Abdullahi Mohammed Usman (PDM)  
 Thesis title : Development Of Carbon Footprint Quantification And  
 Reduction (CAFQUAR) Assessment Tool For Selected Non-  
 Residential Buildings
- 80 Main Supervisor : Dr. MOHAMMAD ZULAFIF BIN RAHIM  
 Co-Supervisor : ASSOC. PROF Ts. Dr. MOHD RASIDI BIN IBRAHIM  
 Student : (1) Ainaa Mardhiah Binti Sabri (KDM)  
 Thesis title : Parameter Analysis Of Copper-Nickel-Tungsten Prepared  
 Via Powder Metallurgy Process For Electrical Discharge  
 Machining Of Polycrystalline Diamond  
 Co-Supervisor : Ts. Dr. REAZUL HAQ BIN ABDUL HAQ  
 Student : (2) Muhammad Ariff Haikal Bin Ahmad (KDM)  
 Thesis title : Investigation On Removal Mechanism In Catalytic Aided  
 Electrical Discharge Machining Of Polycrystalline  
 Diamond
- 81 Main Supervisor : Dr. MOHD AZAHARI BIN RAZALI  
 Student : (1) Afifah Binti Ramli (KDM)  
 Thesis title : The Effect Of Physical Properties On Flame Spread  
 Behavior For Various Paper / Bagasse Composition
- 82 Main Supervisor : Dr. MOHD FAIZAL BIN MOHIDEEN BATCHA  
 Student : (1) Nazrul Syaif Bin Haron (KDM)  
 Thesis title : Drying Kinetics Of Pepper In Swirling Fluidized Bed Dryer

- 83 Main Supervisor : Ts. Dr. MOHD NASRULL BIN ABDOL RAHMAN  
Student : (1) Muhammad Fareez Bin Ahmad Zuhaidi (KDM)  
Thesis title : Assessment Of Ergonomics Risk Factor Associated With Upper Limb Disorders Among Cashiers In Grocery Retail Industries
- 84 Main Supervisor : Dr. NASUHA BIN SA'UDE  
Co-Supervisor : ASSOC. PROF Ts. Dr. BADARUDDIN BIN IBRAHIM  
Student : (1) Noor Shafawati Binti Badrishah (KDM)  
Thesis title : A Study On Laser Engraving Process Parameters And Performance Characteristic For Wood Base Materials
- 85 Main Supervisor : Dr. SOFIAN BIN MOHD  
Co-Supervisor : Ts. Dr. SYARIFUL SYAFIQ BIN SHAMSUDIN  
Student : (1) Raudhah Binti Saim (KDM)  
Thesis title : Design, Manufacturing And Testing Of Parachute Recovery System For Aludra SR-10 Unmanned Aerial Vehicle (UAV)
- 86 Main Supervisor : Dr. SRI YULIS BINTI M AMIN  
Co-Supervisor : ASSOC. PROF Ts. Dr. MOHD HALIM IRWAN BIN IBRAHIM  
Student : (1) Prathabrao A/L Muniandy (KDM)  
Thesis title : Processability And Optimization Of WC-TaC-6Co As Green Part In Metal Injection Moulding  
Co-Supervisor : Ts. Dr. MOHD HILMI BIN OTHMAN  
Student : (2) Siti Nurshahmira Binti Ahmad Shahbudin (KDM)  
Thesis title : Analysis Of Sintered WC-TiC-6Co By Using Powder Metallurgy Process
- 87 Main Supervisor : Dr. SHARIFAH ADZILA BINTI SYED ABU BAKAR  
Co-Supervisor : ASSOC. PROF Ts. Dr. HAMIMAH BINTI ABD RAHMAN  
Student : (1) Nanthini A/P Kanasan (PDM)  
Thesis title : Magnesium Doped Hydroxyapatite / Sodium Alginate Biocomposite For Bone Implants Application
- 88 Main Supervisor : Dr. WAN SAIFUL-ISLAM BIN WAN SALIM  
Student : (1) Ammar Abdo Mohammed Mahdi (KDM)  
Thesis title : Development Of A Vehicle Robotic Driver With Intelligent Control System For Automated Standard Driving-Cycle Tests

**FACULTY OF TECHNOLOGY MANAGEMENT AND BUSINESS**

- 89 Main Supervisor : PROF. Dr. ABDUL TALIB BIN BON  
 Co-Supervisor : Dr. AYHAM JAARON  
 (An - Najah National University)  
 Student : (1) Zaid Ahmed A A (PPP)  
 Thesis title : The Impact Of Green Human Resource Management And  
 Green Supply Chain Management Practices On  
 Sustainable Performance  
 Student : (2) Khilda Nistrina (KPP)  
 Thesis title : The Evaluation Of Information Security Of Hospital  
 Information System (HIS) Using Cobit 5 Framework: Case  
 Study At Soreang Hospital, Indonesia
- 90 Main Supervisor : PROF. Sr. Dr. DAVID MARTIN  
 Co-Supervisor : Dr. SABARIAH BINTI ENI  
 Student : (1) Adedoyin Ifeoluwa Adeyemi (KPF)  
 Thesis title : Assessing Knowledge Transfer For Facility Management  
 To The Development Of New Students' Residential  
 Colleges In UTHM, Malaysia
- 91 Main Supervisor : PROF. Dr. ROSMAN BIN MD YUSOFF  
 Co-Supervisor : ASSOC. PROF Dr. MOHD LIZAM BIN MOHD DIAH  
 Student : (1) Altaf Hussain (PPP)  
 Thesis title : Training And Development, Turnover Intention And Job  
 Performance Of Academic Staff In Public Universities Of  
 Pakistan
- 92 Main Supervisor : PROF. Sr. Dr. WAN ZAHARI BIN WAN YUSOFF  
 Co-Supervisor : ASSOC. PROF Dr. HARYATI BINTI SHAFII  
 Student : (1) Yusnorsyazana Binti Mohd Yunos (KPF)  
 Thesis title : Strategi Pengurusan Fasiliti Landskap Ke Arah Kampus  
 Lestari Di Universiti Tun Hussein Onn Malaysia
- 93 Main Supervisor : ASSOC. PROF Dr. ABD RAHMAN BIN AHMAD  
 Co-Supervisor : Ts. Dr. NG KIM SOON  
 Student : (1) Kek Siok Yee (KPP)  
 Thesis title : The Applicability Of Performance-Based Funding  
 Mechanisms In Malaysian Public Universities
- 94 Main Supervisor : ASSOC. PROF Dr. AMRAN BIN HARUN  
 Co-Supervisor : PROF. Sr. Dr. DAVID MARTIN  
 Student : (1) Dayang Haryani Diana Binti Awang Damit (PPP)  
 Thesis title : Understanding The Attitude And Repurchase Intention  
 Towards Halal Food Product Among Non - Muslim  
 Consumers Malaysia

- 95 Main Supervisor : ASSOC. PROF Ts. Dr. GOH KAI CHEN  
Co-Supervisor : Dr. KEK SIE LONG  
: Ts. Dr. PENIEL ANG SOON ERN  
Student : (1) Tey Jia Sin (PPP)  
Thesis title : Enhancing The Evaluation Process Of Sustainability  
Related Criteria In Malaysia Landfill Site Selection
- 96 Main Supervisor : ASSOC. PROF HARIS BIN MD NOOR  
Student : (1) Saleh Amina Usman (KPP)  
Thesis title : Tourist Satisfaction As A Mediator Between Service  
Quality And Re-Visit Intention : A Study Of Obudu  
Mountain Resort, Nigeria
- 97 Main Supervisor : ASSOC. PROF Dr. MAIMUNAH BINTI ALI  
Student : (1) Abu Bakar Gabarin Umar (PPP)  
Thesis title : Standard Operating Procedure For Rescue Operation In  
Human-Made Disaster Management In Nigeria
- 98 Main Supervisor : ASSOC. PROF Ts. Dr. MD FAUZI BIN AHMAD @  
MOHAMAD  
Co-Supervisor : ASSOC. PROF Dr. NOR AZIATI BINTI ABDUL HAMID  
Student : (1) Sawsan A.M. Abujarad (KPP)  
Thesis title : Impact Of Midwives Practices Initiation On Postpartum  
Haemorrhage Reduction In Public Hospitals In Gaza Strip,  
Palestine
- 99 Main Supervisor : ASSOC. PROF Ts. Dr. NARIMAH BINTI KASIM  
Student : (1) Mohd Hilmi Izwan Bin Abd Rahim (PPP)  
Thesis title : The Construction Waste Management Framework For  
Reducing Illegal Dumping Activities In The Construction  
Industry
- 100 Main Supervisor : ASSOC. PROF Dr. NOR AZIATI BINTI ABDUL HAMID  
Student : (1) Nur Izzah Binti Muallah (KPP)  
Thesis title : The Influence Of Organisational Support, Transactive  
Memory System And Information Technology  
Competencies For Facilitating Knowledge Transfer In  
Enterprise Resource Planning Success
- 101 Main Supervisor : ASSOC. PROF Dr. PATMAWATI BINTI IBRAHIM  
Student : (1) Mazliana Binti Muridan (PPP)  
Thesis title : Integration Of Critical Success Factors From Demand And  
Supply Sides To Enhance Micro Financing Framework For  
Micro And Small Enterprises (MSEs) In Malaysia

- 102 Main Supervisor : ASSOC. PROF Dr. RAJA ZURAIDAH BINTI RAJA MOHD RASI  
Co-Supervisor : ASSOC. PROF Ts. Dr. MD FAUZI BIN AHMAD @ MOHAMAD  
Student : (1) Muhammad Saeed Shahbaz (PPP)  
Thesis title : The Role Of Risks, Collaboration And Performance In The Supply Chain Of Manufacturing Firms In Malaysia  
Co-Supervisor : ASSOC. PROF Ts. Dr. MD FAUZI BIN AHMAD @ MOHAMAD  
Student : (2) Norasmiha Binti Mohd Nor (PPP)  
Thesis title : Relationship Between Lean System And Small Medium Enterprises (SMES) Performance
- 103 Main Supervisor : ASSOC. PROF Dr. SHAFIE BIN MOHAMED ZABRI  
Co-Supervisor : ASSOC. PROF Dr. KAMILAH BINTI AHMAD  
Student : (1) Muhammad Ayaz (PPP)  
Thesis title : The Effect Of Peer Firm In Determining Firm Capital Structure: Evidence From Manufacturing Sector In Malaysia
- 104 Main Supervisor : ASSOC. PROF Ts. Dr. TOREHMAN @ ROSMAINI BIN TASMIN  
Co-Supervisor : Dr. MUHAMMAD IMRAN QURESHI (UniKL)  
Student : (1) Mehwish Rashid (PPP)  
Thesis title : Servant Leadership And Organizational Citizenship Behavior, Mediated By Interpersonal Employee Conflict In Malaysia Universities.  
Co-Supervisor : PROF Dr. JOSU TAKALA (Universiti Of Vaasal, Finland)  
Student : (2) Muhammad Shafiq (PPP)  
Thesis title : Blue Ocean Strategy And Innovation Performance, Mediated By Innovation Strategies  
Student : (3) Ishaq Ja'afar (KPP)  
Thesis title : Role Of Blue Ocean Shift On Service Quality In Islamic Banking Sector In Johor
- 105 Main Supervisor : Dr. EDIE EZWAN BIN MOHD SAFIAN  
Co-Supervisor : ASSOC. PROF AHMAD KASERI BIN RAMIN  
Student : (1) Heng Jia Yun (KPF)  
Thesis title : Stakeholders' Perception Towards Sustainable Business Locations Of Purpose-Build Office In Kuala Lumpur, Malaysia
- 106 Main Supervisor : Dr. FADILLAH BINTI ISMAIL  
Co-Supervisor : PROF. Dr. ROSMAN BIN MD YUSOFF  
ASSOC. PROF Dr. SHAFIE BIN MOHAMED ZABRI  
Student : (1) Fazal Ur Rehman (PPP)  
Thesis title : Factors Influencing Buying Behavior Of Fashion Clothing Brands In Johor And Wilayah Persekutuan



- Student : (2) Muhammad Asad Khan (PPP)  
 Thesis title : The Effects Or Employee Satisfaction And Performance Appraisal On Perceived Job Performance Of Academics In Khyber Pakhtunkwa, Pakistan
- 107 Main Supervisor : Ts. Dr. NG KIM SOON  
 Co-Supervisor : ASSOC. PROF Dr. YASIR MUNIR (University Of Sargodha, Pakistan)  
 Student : (1) Javeria Baig (PPP)  
 Thesis title : The Relationships Between Organizational Cynicism, High Performance Work System, Perceived Psychological Contract Violation, Workplace Incivility And Organizational Citizenship Behaviour Among Secondary School Teachers In Johor Bahru, Malaysia
- 108 Main Supervisor : Dr. NORALFISHAH BINTI SULAIMAN  
 Student : (1) Zubairu Abubakar Ghani (PPF)  
 Thesis title : Higher Education Institutions Students Housing Provision For Off-Campus Living In Malaysia
- 109 Main Supervisor : Ts. Dr. ROZHARTINI BINTI OMAR  
 Co-Supervisor : ASSOC. PROF Dr. MD ASRUL NASID BIN MASROM  
 Student : (1) Mohamed Elfadeel Ali Akeel (PPP)  
 Thesis title : Impact Of Human Resource Management Towards Organisational Performance: The Mediating Role Of Employee Skills, Attitude And Behaviour In Construction Industry  
 Co-Supervisor : Dr. ROZLIN BINTI ZAINAL  
 Student : (2) Suryanee Parvin Binti Mohamed Mustafa (KPF)  
 Thesis title : Pembangunan Kerangka Amalan Terbaik Pengurusan Penyelenggaraan Bagi Taman Rekreasi Awam: Kajian Kes Taman Rekreasi Awam Muar
- 110 Main Supervisor : Dr. ROZLIN BINTI ZAINAL  
 Student : (1) Najib Mohammed Ahmed Al-Fadhali (PPP)  
 Thesis title : Integrated Influential Factors (IIFS) Model Of Internal Stakeholders As An Adaptive Control System To Curb Projects Completion Delay In Yemen
- 111 Main Supervisor : Ts. Dr. SULZAKIMIN BIN MOHAMED  
 Student : (1) Adaji Adejoh Ahmodu (PPF)  
 Thesis title : Post Disaster Housing Reconstruction Framework For Flood Victims: Lokoja, Kogi State, Nigeria

**FACULTY OF TECHNICAL AND VOCATIONAL EDUCATION**

- 112 Main Supervisor : PROF. Dr. JAILANI BIN MD YUNOS  
 Co-Supervisor : ASSOC. PROF Ts. Dr. BADARUDDIN BIN IBRAHIM  
 Student : (1) Sri Sumarwati (PBP)  
 Thesis title : Pembangunan Kerangka Transferable Skills Bagi  
 Pelaksanaan Penyelidikan Dalam Kalangan Pelajar  
 Pascasiswazah Di Malaysia
- 113 Main Supervisor : PROF. Dr. MAIZAM BINTI ALIAS  
 Co-Supervisor : ASSOC. PROF Ts. Dr. LEE MING FOONG  
 Student : (1) Zuraida Binti Ibrahim (PBP)  
 Thesis title : Enhancement Of Social Skills By Using Multimedia  
 Interactive Social Skills Module Application Among  
 Students With Autism Spectrum Disorder
- 114 Main Supervisor : PROF. Ts. Dr. WAN MOHD RASHID BIN WAN AHMAD  
 Co-Supervisor : ASSOC. PROF Ts. Dr. ABDUL RASID BIN ABDUL  
 RAZZAQ  
 Student : ASSOC. PROF Ts. Dr. RAZALI BIN HASSAN  
 Thesis title : (1) Mohd Ali Bin Jemali (PBV)  
 Kajian Keperluan Kecergasan Emosi Guru Pelatih  
 Program Ijazah Sarjana Muda Perguruan Di Institut  
 Pendidikan Guru Malaysia  
 Co-Supervisor : ASSOC. PROF Ts. Dr. AZMAN BIN HASAN  
 Student : Ts. Dr. FAIZAL AMIN NUR BIN YUNUS  
 Thesis title : (2) Junita Binti Sulaiman (PBV)  
 Pembangunan Model Dalam Menentukan Profesionalisme  
 Dalam Profesion Perguruan Teknikal Dan Vokasional
- 115 Main Supervisor : ASSOC. PROF Ts. Dr. AZMAN BIN HASAN  
 Co-Supervisor : PROF. Dr. JAILANI BIN MD YUNOS  
 Student : (1) Mu'min (PBP)  
 Thesis title : Gaya Kepimpinan Dan Kompetensi Pengetua Untuk  
 Meningkatkan Prestasi Sekolah Menengah Pertama  
 Negeri (SMPN) Di Kota Batam  
 Co-Supervisor : Dr. NOORAZMAN BIN ABD SAMAD  
 Student : (2) Azinuddin Bin Mat Din (PBV)  
 Thesis title : Domain Latihan Program TVET Bakal Pesara Angkatan  
 Tentera Malaysia
- 116 Main Supervisor : ASSOC. PROF Dr. LAI CHEE SERN  
 Student : (1) Chong Siaw Chee (KBV)  
 Thesis title : Tahap Kepuasan Guru Terhadap Pelaksanaan  
 Pentaksiran Berasaskan Sekolah (PBS) Bagi Mata  
 Pelajaran Kemahiran Hidup Bersepadu

- 117 Main Supervisor : ASSOC. PROF Ts. Dr. MIMI MOHAFFYZA BINTI MOHAMAD  
Student : (1) Zurani Binti Buang (KBV)  
Thesis title : Kolaborasi Dan Komunikasi Dalam Kolej Komuniti, Kolej Vokasional Dan Sekolah Bagi Kelestarian Pembelajaran Sepanjang Hayat Di Johor
- 118 Main Supervisor : ASSOC. PROF Ts. Dr. RAZALI BIN HASSAN  
Co-Supervisor : ASSOC. PROF Dr. HUSSAIN BIN OTHMAN  
Student : (1) Suhaimi Bin Muhamad (PBV)  
Thesis title : Penerapan Kemahiran Berfikir Aras Tinggi Dalam Pengajaran Pendidikan Islam Berasaskan Kaedah Simulasi  
Co-Supervisor : ASSOC. PROF Dr. LAI CHEE SERN  
Student : (2) Teguh Iman Santoso (PBV)  
Thesis title : Kerangka Kompetensi "K-Workers" Industri Di Batam
- 119 Main Supervisor : ASSOC. PROF Dr. WAN AZLINDA BINTI WAN MOHAMED  
Student : (1) Chinedu Caleb Chidozie (PBV)  
Thesis title : A TVE Curriculum Framework For Sustainability Literacy  
Student : (2) Mohammed Ibrahim (PBV)  
Thesis title : Predictive Model For Self-Reliance Intention Of Malaysia Polytechnic Students
- 120 Main Supervisor : Ts. Dr. ALIAS BIN MASEK  
Co-Supervisor : Dr. NUR SOFURAH BINTI MOHD FAIZ  
Student : (1) Noor Atikah Binti Zainal Abidin (PBP)  
Thesis title : Model Konsep Integriti Ke Arah Peningkatan Kualiti Penilaian Rakan (Peer Assessment)  
Co-Supervisor : Ts. Dr. MOHD HASRIL BIN AMIRUDDIN  
Student : (2) Shafizza Binti Sahdan (PBP)  
Thesis title : Kesan Penggunaan Prosedur Pembelajaran Kawalan Kendiri (Self-Regulated Learning) Terhadap Pencapaian Akademik, Kemahiran Metakognitif Dan Motivasi Pelajar Politeknik: Kajian Kes
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Co-Supervisor : Ts. Dr. FAIZAL AMIN NUR BIN YUNUS  
Student : (1) Rasidayanty Binti Saion (PBV)  
Thesis title : Kerangka Kemahiran Berfikir Kritis Dalam Proses Pengajaran Dan Pembelajaran Mata Pelajaran Reka Bentuk Dan Teknologi
- 122 Main Supervisor : Dr. MARLINA BINTI MOHAMAD  
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Thesis title : The Relationship Of Social Support And Personality In Work-Family Conflict Among Women Employees In University Tun Hussein Onn Malaysia

- 123 Main Supervisor : Dr. NORMAH BINTI ZAKARIA  
 Co-Supervisor : Ts. ANIZAM BINTI MOHAMED YUSOF  
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 Thesis title : Pembangunan Dan Keberkesanan Kit Penyongsang  
 Dalam Proses Pengajaran Dan Pembelajaran Di Kolej  
 Vokasional
- 124 Main Supervisor : Ts. Dr. YEE MEI HEONG  
 Co-Supervisor : Ts. Dr. TEE TZE KIONG  
 Student : (1) Kong Hie Ping (KBV)  
 Thesis title : Pembangunan Modul Pengintegrasian Domian Kognitif  
 Dan Strategi Pengajaran Dalam Kemahiran Berfikir Aras  
 Tinggi Guru Teknikal

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 Co-Supervisor : ASSOC. PROF Ts. Dr. MOHD FARHAN BIN MD. FUDZEE  
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 Thesis title : A Selective Approach For Energy-Aware Video Adaptation  
 Decision-Taking Engine
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 Thesis title : Recurrent Error-Based Ridge Polynomial Neural Networks  
 For Time Series Forecasting
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 Student : (1) Nur'Aifaa Binti Zainudin (KIT)  
 Thesis title : Missing Tags Detection Algorithm For Radio Frequency  
 Identification (RFID) Data Stream
- 128 Main Supervisor : ASSOC. PROF Dr. SAPI'EE BIN JAMEL  
 Student : (1) Muhammad Faheem Mushtaq (PIT)  
 Thesis title : Key Schedule Algorithm Based On Coordinate Geometry  
 Of A Three - Dimensional Hybrid Cube
- 129 Main Supervisor : Ts. Dr. ISREDZA RAHMI BINTI A HAMID  
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 Using Modified Term Frequency - Inverse Document  
 Frequency ( MTF-IDF )
- 130 Main Supervisor : Dr. KAMARUDDIN MALIK BIN MOHAMAD  
 Student : (1) Rabei Raad Ali (PIT)  
 Thesis title : Reassembly And Clustering Bifragmented Intertwined  
 JPEG Images Using Genetic Algorithm And Extreme  
 Learning Machine

- 131 Main Supervisor : Dr. NORHANIFAH BINTI MURLI  
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 Thesis title : An Improved Computational Model For Classification Of  
 3D Spatio Temporal FMRI Data
- 132 Main Supervisor : Dr. NURUL AZMA BINTI ABDULLAH  
 Student : (1) Tengku Norsuhaila Binti T Azmi (KIT)  
 Thesis title : A New Approach For JPEG Fragmentation Point Detection  
 Using Sequential Difference By Segment (SDBS)

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 Thesis title : Statistical Model On Student Performance In UTHM By  
 Using Non-Parametric, Semi-Parametric And Parametric  
 Survival Analysis
- 134 Main Supervisor : PROF. DATIN Dr. MARYATI BINTI MOHAMED  
 Student : (1) Aqilah Binti Awg Abdul Rahman (PWZ)  
 Thesis title : Prioritization Of Conservation Areas Using Species  
 Distribution Modeling Based On Current Of Butterflies In  
 Johor
- Co-Supervisor : ASSOC. PROF Ts. Dr. AZMAN BIN HASAN  
 Student : (2) Saliza Binti Abdul Rahim (KWZ)  
 Thesis title : Minat Dan Motivasi Penguasaan Konsep Sains Proses  
 Hidup Tumbuhan Di Kalangan Murid Sekolah Rendah Di  
 Daerah Baru Pahat, Johor
- Student : (3) Jai Bin Kemalok (KWZ)  
 Thesis title : Flora Dan Fauna Dalam Mitos Suku Kaum Jakun,  
 Kampung Peta, Mersing Johor
- Student : (4) Mohammad Zulhusni Bin Zakaria (KWZ)  
 Thesis title : Serangga Akuatik Sebagai Indikator Kualiti Air Di Johor
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 Thesis title : Simulation Of Steady Mixed Convection In A Lid-Driven  
 Cavity Filled With Newtonian Fluid By Finite Volume  
 Method

- 136 Main Supervisor : ASSOC. PROF Dr. ALONA CUEVAS LINATOC  
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- Student : (2) Yunusa Audu (PWZ)  
Thesis title : Evaluation Of Carbon Dioxide Absorption Capacity And Biomass Accumulation Of Sub-Urban Plants In Universiti Tun Hussein Onn Malaysia (UTHM)
- 137 Main Supervisor : ASSOC. PROF Dr. MOHAMAD ZAKY BIN NOH  
Co-Supervisor : Dr. SITI NORAIZA BINTI AB RAZAK  
Student : (1) Sani Garba Durumin Iya (PWZ)  
Thesis title : Modified Palm Oil Fuel Ash (POFA) As Quartz Replacement For The Production Of Porcelain
- 138 Main Supervisor : ASSOC. PROF Dr. MOHD ARIF BIN AGAM  
Co-Supervisor : ASSOC. PROF Dr. ZAIDI BIN EMBONG  
Student : (1) Jibrin Alhaji Yabagi (PWZ)  
Thesis title : Synthesis And Characterization Of Polystyrene / Silver Nanocomposites
- Co-Supervisor : Dr. HAZEL MONICA MATIAS-PERALTA  
Student : (2) Muhammad Muhammad Nmaya (PWZ)  
Thesis title : Fabrication Of Colloid Nanostructures Using Nanoparticles Recovered From Biomass Of *Scenedesmus* sp.
- 139 Main Supervisor : ASSOC. PROF Ts. Dr. MOHD FADZELLY BIN ABU BAKAR  
Co-Supervisor : ASSOC. PROF Dr. ALONA CUEVAS LINATOC  
Student : (1) Muhammad Murtala Mainasara (PWZ)  
Thesis title : Documentation And Evaluation Of Medicinal Plants With Potential For Breast Cancer Therapy As Used By Jakun Community Of Kampung Peta, Mersing Johor
- Co-Supervisor : Dr. NUR KARTINEE BINTI KASSIM (UPM)  
Student : (2) Azlen Binti Che Rahim (KWZ)  
Thesis title : Anti-Proliferative Effect Of Methyl Gallate Isolated From *Mangifera pajang* Kosterman In Selected Cancer Cell Lines
- Student : (3) Mahani Binti Majid (KWZ)  
Thesis title : Study Of Melissopolynological, Physical And Chemical Properties, Antioxidant And Xanthine Oxidase Inhibition Activity Of *Heterotrigna itama* Honey In Johor, Malaysia
- 140 Main Supervisor : ASSOC. PROF Ts. Dr. MOHD KAMARULZAKI BIN MUSTAFA  
Co-Supervisor : Dr. SALIZA BINTI ASMAN  
: Dr. KHAIRUN NADIM BIN AHMAD SEKAK (UiTM)  
Student : (1) Zakiyyu Ibrahim Takai (PWZ)  
Thesis title : Synthesis And Characterization Of Polyaniline / Magnetite Nanocomposites For Fabrication Of Nanofiber Textile

- 141 Main Supervisor : ASSOC. PROF Dr. PHANG CHANG  
 Co-Supervisor : DR SYED TAUSEEF MOHYUD DIN  
 (Hitex University Taxila, Pakistan)  
 Student : (1) Afshan Kanwal (PWZ)  
 Thesis title : Numerical Solution Of Fractional Partial Differential  
 Equations By Spectral Methods
- 142 Main Supervisor : ASSOC. PROF Dr. ZAIDI BIN EMBONG  
 Co-Supervisor : Dr. YEE SEE KHEE  
 Student : (1) Khawarizmi Bin Mohd Jafery (KWZ)  
 Thesis title : The Investigation Of Soil Dielectric Influence Towards  
 Terrestrial Background Radiation  
 Student : (2) Abdul Wahab (KWZ)  
 Thesis title : Soil Compaction Of Peat Under The Influence Of  
 Electrokinetic Stabilization (EKS) Treatment  
 Student : (3) Fahrulrazi Bin Md Jamien (KWZ)  
 Thesis title : Chemically Activated Carbon Using Peat Soil For Heavy  
 Metals Adsorption In Industrial Wastewater
- 143 Main Supervisor : Ts. Dr. AHMAD HADI BIN ALI  
 Student : (1) Bibi Zulaika Binti Bhari (KWZ)  
 Thesis title : Investigation Of Intermediate Layer For AG/SI Metal-  
 Semiconductor Contacts
- 144 Main Supervisor : Dr. AHMAD SHARIFUDDIN BIN MUSTAPHA  
 Co-Supervisor : Dr. KHAIRUNESA BINTI ISA  
 : Dr. MIKDAR RUSDI  
 : Dr. NUR ZAINATUL NADRA BINTI ZAINOL  
 Student : (1) Azmee Bin Hj Hussin (KWZ)  
 Thesis title : Mekanisme Pengurusan Hutang Dalam Pembahagian  
 Harta Pusaka Orang-Orang Islam Di Malaysia
- 145 Main Supervisor : Dr. BALKIS BINTI HAJI A.TALIP  
 Co-Supervisor : Dr. SITI FATIMAH ZAHARAH BINTI MOHAMAD FUZI  
 Student : (1) Izzat Bin Johar (KWZ)  
 Thesis title : Investigation Of Malaysian Stingless Bee (Kelulut) Honey  
 As Antimycobacterial Agent Against *Mycobacterium  
 smegmatis* As A Model Organism
- 146 Main Supervisor : Dr. FAHMIRUDDIN BIN ESA  
 Co-Supervisor : ASSOC. PROF Ts. Dr. ROSMILA BINTI ABDUL KAHAR  
 : Dr. YOU KOK YEOW (UTM)  
 Student : (1) Chan Yi Lin (KWZ)  
 Thesis title : Electromagnetic Properties Of Material At Microwave  
 Frequency Using Transmission Phase Shift Method

- 147 Main Supervisor : Ts. Dr. FARIDAH BINTI KORMIN  
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 Thesis title : Antioxidant And Anticholinesterase Activities Of *Centella asiatica* Phenolic Extract-Mediated Gold Nanoparticles  
 Co-Supervisor : PROF. Dr. IDA IDAYU MUHAMMAD (UTM)  
 Student : (2) Muhammad Ihsan Bin Ghazali (KWZ)  
 Thesis title : Microemulsions Containing *Centella asiatica* Extract As Antioxidant And Anti-Acetylcholinesterase Agent
- 148 Main Supervisor : Dr. MOHD ASRUL AFFENDI BIN ABDULLAH  
 Co-Supervisor : Dr. KHUNESWARI A/P P GOPAL PILLAY  
 Student : (1) Olaniran Ridwan Oyebayo (PWZ)  
 Thesis title : Bayesian Random Forests For High-Dimensional Classification And Regression With Complete And Incomplete Microarray Data
- 149 Main Supervisor : Dr. MOHD HISYAM BIN ABDUL RAHIM  
 Student : (1) Azizul Azra Bin Abdul Razak (KWZ)  
 Thesis title : Mekanisme Pemeraksanaan Peranan Da'i Dalam Dakwah Bil Hal: Analisis Tematik Surah Al-Taubah
- 150 Main Supervisor : Dr. MUHAMMAD ABDUL LATIFF BIN ABU BAKAR  
 Co-Supervisor : Dr. NOR ATIQA BINTI NORAZLIMI  
 Student : (1) Najmuddin Bin Mohd Fauzir (KWZ)  
 Thesis title : Development Of Primatourism: Feeding Ecology And Daily Activity Budget Of Schlegel's Banded Langur (Presbytis Neglestus) (Schlegel, 1876) In Kota Tinggi Johor.
- 151 Main Supervisor : Ts. Dr. NOOR AZURA BINTI AWANG  
 Co-Supervisor : Dr. ZAHARIAH BINTI ZAKARIA  
 Student : (1) Atiqah Nabieha Binti Azmi (KWZ)  
 Thesis title : Characterisation Of Mode-Locked Fiber Laser By Using Graphite And Platinum As Saturable Absorbers For Generation Of Pulsed Fiber Laser
- 152 Main Supervisor : Dr. NUR ZAINATUL NADRA BINTI ZAINOL  
 Student : (1) Muhammad Khairul Nizzam Bin Kassim (KWZ)  
 Thesis title : Mekanisme Penentuan Hak Anak Dalam Perwarisan Harta Pusaka Islam Di Wilayah Persekutuan Kuala Lumpur



- 153 Main Supervisor : Dr. ROHAYU BINTI MOHD SALLEH  
 Co-Supervisor : PUAN NORHAIDAH BINTI MOHD ASRAH  
 Student : (1) Lim San Yee (KWZ)  
 Thesis title : A Proposed Algorithm Of Random Vector In Measuring Similarity For Network Topology Of Bursa Malaysia
- 154 Main Supervisor : Dr. SITI AMIRA BINTI OTHMAN  
 Student : (1) Nur 'Aliaa Binti Razali (KWZ)  
 Thesis title : Synthesis And Characterisation Of Nitrogen And Magnesium-Doped With Titanium Dioxide Using Sol-Gel Method
- 155 Main Supervisor : Dr. SUHADIR BIN SHAMSUDDIN  
 Co-Supervisor : Dr. NORAZILA BINTI IBRAHIM (UiTM)  
 Student : (1) Nurul Nasuha Binti Khairulzaman (KWZ)  
 Thesis title : Influence Of Ag-Doped On Magnetic And Electrical Transport Properties In  $\text{Pr}_{0.75}\text{Na}_{0.25}\text{MnO}_3$  Manganites  
 Co-Supervisor : Dr. NORAZILA BINTI IBRAHIM (UiTM)  
 Student : (2) Sufia Aqilah Binti Razali (KWZ)  
 Thesis title : Structural, Electro-Magnetic And Electrical Analysis In Monovalent Doped  $\text{Nd}_{0.75}\text{Na}_{0.25-x}\text{K}_x\text{MnO}_3$  Manganites
- 156 Main Supervisor : Ts. SULIADI FIRDAUS BIN SUFAHANI  
 Co-Supervisor : ASSOC. PROF Dr. MOHD SAIFULLAH BIN RUSIMAN  
 Student : (1) Wan Noor Afifah Binti Wan Ahmad (KWZ)  
 Thesis title : A Nonstandard Optimal Control Problem Arising In An Economics Application: For Royalty Payment With Piecewise Function  
 Student : (2) Izah Rafidah Binti Ahmad (KWZ)  
 Thesis title : Optimize Class Time Tabling By Using Genetic Algorithm Technique In UTHM
- 157 Main Supervisor : Dr. SUZI SALWAH BINTI JIKAN  
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 : Dr. SHARIFAH ADZILA BINTI SYED ABU BAKAR  
 Student : (1) Nazia Bano (PWZ)  
 Thesis title : Hydrothermally Extracted Nanohydroxyapatite From Bovine Bone As Bioceramic And Biofiller In Bionanocomposite  
 Co-Supervisor : Dr. BALKIS BINTI HAJI A.TALIP  
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 Thesis title : Polylactic Acid/Thermoplastic Tapioca Starch Blend Incorporated With Selected Essential Oils For Active Food Packaging

158 Main Supervisor : Dr. ZAHARIAH BINTI ZAKARIA  
 Co-Supervisor : Ts. Dr. NOOR AZURA BINTI AWANG  
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 Thesis title : Generation Of Pulsed Dual Wavelength Erbium Doped  
 Fiber Laser

**FACULTY OF ENGINEERING TECHNOLOGY**

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 Thesis title : Development And Fabrication Of Production Mechanism  
 For Small And Medium Animal Feed Production Plant

160 Main Supervisor : ASSOC. PROF Ts. Dr. ISHAK BIN BABA  
 Co-Supervisor : PROF. Dr. SULAIMAN BIN HAJI HASAN  
 : Dr. WINARDI SANI  
 Student : (1) Abdul Hamid (PNT)  
 Thesis title : Development Risk Management Framework For  
 Manufacturing Of Wellhead And Christmas Tree  
 Equipment

161 Main Supervisor : ASSOC. PROF Ts. Dr. SURAYA HANI BINTI ADNAN  
 Co-Supervisor : ASSOC. PROF Ts. Dr. RAFIDAH BINTI HAMDAN  
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 Thesis title : Study Of Recycled Concrete Aggregate As Filter Media For  
 Phosphorus Removal In Synthetic Wastewater

162 Main Supervisor : Sr. Ts. Dr. MOHAMMAD ASHRAF BIN ABDUL RAHMAN  
 Co-Supervisor : Ts. KAMARUL AINI BINTI MOHD.SARI  
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 Thesis title : An Improved Method For Determining Indoor Air Quality  
 Level In The Classroom At Pre-School Building

163 Main Supervisor : Ts. Dr. NOOR AKHMAZILLAH BINTI MOHD FAUZI  
 Co-Supervisor : ASSOC. PROF Dr. CHUA LEE SUAN (UTM)  
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 Double-Boiled Kelulut Honey

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SENIOR OFFICERS  
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STAFF OF CENTRE FOR GRADUATE STUDIES  
ALL GRADUANDS

AND ALSO

ALL PARTIES WHO HAVE DIRECTLY  
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