

Universiti Tun Hussein Onn Malaysia

Staff Profile

Full Name	Prof. Madya Ts. Dr. Mustafa Bin Hj Ibrahim
Faculty	Fakulti Kejuruteraan Mekanikal dan Pembuatan
Department	JABATAN KEJURUTERAAN PEMBUATAN
Email	mustaffa@uthm.edu.my
Designation	DS54 - Profesor Madya
	Ketua Kumpulan Fokus (FG) Additive Manufacturing Research Group Fakulti Kejuruteraan Mekanikal dan Pembuatan
	Ketua Pusat Pusat Penyelidikan Pemesinan Jitu (PREMACH) Fakulti Kejuruteraan Mekanikal dan Pembuatan



Field of Expertise

Field Category (KPT)	ENGINEERING AND TECHNOLOGY
Field (KPT)	Industrial and Manufacturing Engineering
Field of Specialization (KPT)	Machining/Rapid Prototyping and Tooling (Including Standard Supporting Technologies of Precision Machining and Micro Machining)

Areas of Research Interest

1. Material Development for Rapid Prototyping Technology

Innovation Field of Interest

1. Portable Quranic Text Document Shred Incinerator

Academic Qualification

Year	Qualification	Institution
2007	DOKTOR FALSAFAH KEJURUTERAAN MEKANIKAL	KYUSHU INSTITUTE OF TECHNOLOGY
2000	SARJANA TEKNOLOGI PEMBUATAN	INSTITUT TEKNOLOGI TUN HUSSEIN ONN
1999	DIPLOMA PERGURUAN	INSTITUT TEKNOLOGI TUN HUSSEIN ONN
1997	SARJANA MUDA TEKNOLOGI PEMBUATAN	INSTITUT TEKNOLOGI TUN HUSSEIN ONN

Professional Appointments

DS54 - Profesor Madya

Management Experience

Date	Description
01/11/2020 - 31/10/2022	Ketua Pusat Fakulti Kejuruteraan Mekanikal dan Pembuatan , Pusat Penyelidikan Pemesinan Jitu (PREMACH)
01/01/2020 - 30/06/2021	Ketua Kumpulan Fokus (FG) Fakulti Kejuruteraan Mekanikal dan Pembuatan , Additive Manufacturing Research Group
01/01/2019 - 31/12/2019	Ketua Kumpulan Fokus (FG) Fakulti Kejuruteraan Mekanikal dan Pembuatan , Additive Manufacturing Research Group
16/10/2016 - 15/10/2017	Felo Institut Ahli Sunnah Wal Jamaah
01/01/2017 - 30/04/2017	Timbalan Dekan (Penyelidikan, Pembangunan & Penerbitan) Fakulti Kejuruteraan Mekanikal dan Pembuatan
01/01/2016 - 31/12/2016	Timbalan Dekan (Penyelidikan, Pembangunan & Penerbitan) Fakulti Kejuruteraan Mekanikal dan Pembuatan

01/01/2014 - 31/12/2015	Timbalan Dekan (Penyelidikan, Pembangunan & Penerbitan) Fakulti Kejuruteraan Mekanikal dan Pembuatan
01/03/2012 - 28/02/2014	Ketua Pusat Fakulti Kejuruteraan Mekanikal dan Pembuatan , Pusat Pembuatan Dan Bahan Termaju (AMMC)
01/07/2011 - 31/12/2011	Pengarah Pejabat Antarabangsa
01/08/2009 - 30/06/2011	Pengarah Pejabat Antarabangsa
01/09/2008 - 31/08/2010	Ketua Makmal Fakulti Kejuruteraan Mekanikal dan Pembuatan
01/08/2008 - 31/07/2009	Pengetua Kolej Kediaman Pejabat Hal Ehwal Pelajar , Unit Perumahan - Kolej Kediaman Tun Dr. Ismail
01/05/2008 - 31/07/2008	Ketua Pusat Pusat Pembangunan Dan Pengembangan Pelajar , Bahagian Pentadbiran Dan Kewangan
01/07/2007 - 30/04/2008	Ketua Pusat Pusat Pembangunan Dan Pengembangan Pelajar , Bahagian Pentadbiran Dan Kewangan

Professional Societies

Year	Description	Role	Level
18/11/2011 - 31/12/9999	Board of Engineers Malaysia (BEM)	Jurutera Siswazah	Kebangsaan
22/07/2018 - 31/12/9999	Malaysia Board of Technologists (MBOT)	Teknologis Berijazah	Kebangsaan
22/07/2018 - 21/07/2019	Malaysia Board of Technologists (MBOT)	Teknologi Profesional	Kebangsaan

Teaching Experience

Year	Description	Level
2009	Computer Integrated Manufacturing (MKM 1204), Sem.2, 2009/2010, UTHM	University
2009	Rapid Manufacturing BDD 4043, Sem.2, 2008/2009, UTHM	University
2009	Rapid Manufacturing BDD 4043, Sem.1, 2009/2010, UTHM	University
2008	Rapid Manufacturing BDD 4043, Sem.1, 2008/2009, UTHM	University
2008	Rapid Manufacturing BDD 4043, Sem.2, 2008/2009, UTHM	University
2008	Rapid Product Development & Manufacturing (MDM1232), Sem.2, 2008/2009, UTHM	University
2007	Manufacturing System BKM4583, Sem.2, 2007/2008, UTHM	University
2007	Rapid Manufacturing BDD 4043, Sem.2, 2007/2008, UTHM	University
2007	Prototaip Deras / DDD3623, Sem.1, 2007/2008, UTHM	University

Research Grants And Contracts

Code	Title	Designation	End Date
H670	Design and Analysis of 5 Axle Railway Bogie System	Ahli	31/12/2021
K198	Novel technique using halogen lamp to reduce curing time of conductive ink on flexible substrates for Direct Write (DW) applications	Ahli	30/11/2021
K201	Thixotropic relationship between kenaf powder admixtures and layerability assessment of sustainable cementitious paste via 3D concrete printing (3DCP)	Ketua	30/11/2021
H607	Tajuk Asal: Design and Development of an Automated System for Bio-Chemical Fertilizer Production Process. Tajuk Baharu: Feasibility Study On 3D Printing of Kenaf Concrete Composite	Ahli	31/07/2021
H478	Smart Farming Management : Development of Autonomous Spraying Fertilizer by Using Drone in Agricultural Field	Ahli	30/06/2021
K248	Projek Fertigasi Cili Menggunakan Sistem Solar	Ahli	30/04/2021
B089	Laser Cutting Protective Acrylic Face Shield	Ahli	01/04/2021
B090	Intubation Shield Box with Access to Low Cost Medical Ventilator System	Ahli	01/04/2021
K239	Development of an Automation Emergency Danger Signal Detector System for Highway Workers Safety	Ahli	31/03/2021
K120	Design and Development of an Automated System for Bio-Chemical Fertilizer Production Process	Ahli	31/12/2020
H088	ADDITIVE LAYERED STRATEGY (ALS) OF PATTERN DESIGN STRUCTURE FOR BUILDING VIA THREE DIMENSIONAL PRINTING (3DP)	Ahli	30/12/2020

H318	Evaluation of 3D Printing of Admixture Concrete Material for Concrete Structure	Ahli	30/06/2020
H319	DEVELOPMENT OF A FRAMEWORK FOR IMAGE RECOGNITION AND MICROCONTROLLER IN DIGITAL CLOSE-RANGE PHOTOGRAMMETRY	Ahli	30/06/2020
U872	Development of Conformal Cooling in Rapid Tooling by Selective Laser Melting (SLM) Process	Ahli	29/02/2020
X084	Socio-Education Lab For Orang Asli	Ahli	20/04/2019
A114	Mobile Food Cart Mampu Milik	Ketua	31/12/2018
U834	Unmanned Aerial Vehicle (UAV) - Drone Photogrammetry For Digitization And 3D Modeling Of Flintstones Castle, Mersing	Ahli	14/06/2018
1494	Direct write of conductive track on textile materials under several testing conditions for wearable electronics application	Ahli	31/05/2018
U691	Parameter optimization for CO2 laser cutting of medium density fiberboard (MDF)	Ketua	15/04/2018
U750	The post-processing effects of A1SiMg parts produced by selective laser melting (SLM) on its mechanical,physical and microstructures	Ketua	31/03/2018
B070	Desktop Filament Extruder and Spooler	Ahli	31/05/2017
U087	Direct Metal Laser Sintering Process Of Plastic Injection Moulding Tools	Ahli	31/05/2017
U357	The Impact of Injection Molding Processing Conditions and Fiber Content Towards The Properties of Polypropylene-Nanoclay Nanocomposites Blend With Gigantochloa Scortechinii Fibers	Ahli	31/05/2017
U478	Life-Cycle Analysis of 3D Printing Compare to Traditional Machining Manufacturing	Ketua	28/02/2017
1511	Feasibility investigation of waste derived hydroxapatite/Uhmwpe composite for biomedical applications	Ahli	26/01/2017
U546	Low Cost Mobile Food Cart	Ketua	31/12/2016
1426	The Relationship of The Chip Size with Oxide Precipitation on The Mechanical and Physical Properties of The Recycled Aluminum Alloy (AA6061) in Hot Press Forging	Ahli	30/11/2016
E018	Exploration Of Biofoam From Renewable Resources	Ahli	30/11/2016
1423	Collapsibility Behaviour of Rapid Prototyping Materials use as Direct Sacrificial Patterns in Investment Casting Process for Tooling Cost Reduction	Ahli	31/08/2016
U287	Customized Foot orthosis Insole Fabricated With 3D Printing Technology (Hospital Rehabiliti Cheras)	Ketua	31/07/2016
U183	Design An Additive Manufacture For Ankle-Foot Orthotics (AFO) using rapid-prototyping	Ketua	31/03/2016
U050	Fused Deposition Modeling Using Polymer Matrix Composite Material	Ketua	31/10/2015
B034	Set Praktikal Haji Mudahalih	Ahli	08/05/2015
1329	Feasibility Study on DLP Projector As An Energy Light Source to Cure Silver Conductive Ink Track	Ahli	01/05/2015
1057	Characterization of Droplet based Rapid Prototyping for Direct Tooling	Ahli	14/04/2015
C056	Advanced Manufacturing And Material Center (AMMC), UTHM	Ahli	28/02/2015
C016	Tajuk Program : Sustainable Integrated Direct Recycling Of Aluminium Industrial Waste Tajuk Projek : Hot Press Forging And Hot Extrusion For Direct Recycling Chip Aluminium	Ahli	31/12/2014
B018	PORTABLE QUR'ANIC VERSES DOCUMENT SHRED-INCINERATOR	Ketua	01/09/2014
1126	Preparation And Characterisation Of Porous Paperclay Ceramic Body For The Purpose Of Membrane Support	Ahli	31/08/2014
0950	A Numerical and Experimental Study In RP Multi-Jet Modeling Internal Pattern Structure For Investment Casting	Ketua	31/08/2013
0551	Investigation of the Physical Changes or Irradiated Polystyrene Nanospheres Exposed to Electron Beam	Ahli	31/10/2011
0695	Study of using three dimensional printer for EDM electrode fabrication)	Ketua	28/02/2011
0696	The development of an optional binder for palm oil based fly ash via three dimensional printing	Ketua	31/07/2010
0366	The Development of an Optional Material for Rapid Prototyping using Pulverized Biomass Fly Ash	Ketua	30/11/2009
0543	Development of a pattern direct write system (micro drop dispenser) using piezoelectric drop generation	Ketua	30/06/2009

Publications

Book

Omar Mohd Faizan Marwah; Reazul Haq Abd Haq ; Mustafa Hj Ibrahim

(2020) Additive Manufacturing ? Research And Development: Series 1, UTHM , 1, ISBN:9789672916376

Khairul Azman, Hussain Othman, Mustafa Ibrahim

(2012) Tun Dr. Ismail: Merintis Kepimpinan Berintegriti, UTHM , 1, ISBN:978-967-0468-23-5

Journal

Mohamad Izwan Saifudin Bin Mohd Zainuri, Md Saidin Wahab, Mustafa Hj Ibrahim, Omar Mohd Faizan Marwah, Nasuha Sa'ude

(2020) Emerging Natural Fiber-Reinforced Cement Materials And Technology For 3d Concrete Printing: A Review, INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING, UTHM , 2, 161, ISSN:26007916

S Hassan, M S Yusof, Z Embong, Q E Kamarudin, R H A Haq, M Ibrahim, K R Khairilhijra, O M F Marwah, N Sa'ude, M Ismon and M A Madlan
(2019) A Study Of Frequency And Pulses For Stepper Motor Controller System By Using Programmable Logic Controller, JOURNAL OF PHYSICS, Institute of Physics Publishing , 3, 1, ISSN:17426588

Thomas, A.S., Hassan, M.F., Ibrahim, M., Rahman, M.N.A., Sapuan, S.Z. & Ahmad, M.F.
(2019) A Study On Close-Range Photogrammetry In Image Based Modelling And Rendering (Imbr) Approaches And Post-Processing Analysis, JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY, TAYLORS UNIVERSITY , 8, 1912, ISSN:18234690

M. S. Wahab, A. A. Raus, M. Ibrahim, K. Kamarudin, Ahmed Aqeel, E. Z. Radzi, I. M. Amir
(2019) Parameters Optimization Development On Relative Density And Compression Strength Of Alsi10mg Sample Produced By Selective Laser Melting Using Response Surface Method, INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY, Science Publishing Corporation , 1, 89, ISSN:2227524X

M.S. Shukri, O.M.F. Marwah, M. Ibrahim, S. Sharif, E.J. Mohamad, M.Y. Hashim
(2018) Collapsibility Of Pmma Based Material In Direct Investment Casting, JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY (JAMT), UNIVERSITI TEKNIKAL MELAKA , 1, 501, ISSN:19853157

Raveverma, P., Ibrahim, M., Sa'ude, N., Yarwindran, M.
(2018) Mechanical Behaviour And Compatibility Analysis Of Thermoplastic Polyurethane/ Polycaprolactone-Based New Fused Deposition Modelling Filament Composite, JOURNAL OF MECHANICAL ENGINEERING, UiTM , 1, 116, ISSN:18235514

Noreriyanti Hasmuni, Mustafa Ibrahim, Azli Amin Raus, Md Saidin Wahab, Khairu Kamarudin
(2018) Porosity Effects Of Alsi10mg Parts Produced By Selective Laser Melting, JOURNAL OF MECHANICAL ENGINEERING, Penerbit UiTM , 4, 246, ISSN:18235514

MN Hafsa, N Kassim, S Ismail, SA Kamaruddin, TM Hafeez, M Ibrahim, ZH Samsudin
(2018) Study On Surface Roughness Quality Of Fdm And Mjm Additive Manufacturing Model For Implementation As Investment Casting Sacrificial Pattern, JOURNAL OF MECHANICAL ENGINEERING, Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM), Malaysia , 5, 25, ISSN:18235514

A.A . Raus , M.S . Wahab , M. Ibrahim , K. Kamarudin , A. Ahmed , N . Sa'ude
(2017) A Comparative Study Of Mould Base Tool Materials In Plastic Injection Moulding To Improve Cycle Time And Warpage Using Statistical Method, JOURNAL OF MECHANICAL ENGINEERING, UiTM , 8, 1, ISSN:18235514

Radin Khairilhijra Khirotdin, Nurhafizzah Hassan, Umiera Asyikin Yusof, Muhammad Adzeem Mahadzir
(2017) Investigation Of Curing Conductive Inks On Fabrics Using Dlp Projector And Hot Plate, MATERIAL SCIENCE FORUM, SCIENTIFIC.NET , 1, 55, ISSN:978303835778

Rd. Khairilhijra Khirotdin, Mohamad Izwan Saifudin Mohamad Zainuri, Afiqah Izzati Ishak, Nurhafizzah Hassan, Khairu Kamarudin, Mohd. Rasidi Ibrahim, Reazul Haq Abdul Haq, Mustafa Ibrahim, Nasuha Sau?de, Omar Mohd. Faizan Marwah
(2017) Printing And Curing Of Conductive Ink Track On Fabric Using Syringe Deposition With Dlp Projector And Hot Plate, MATEC WEB OF CONFERENCE, MATEC WEB OF CONFERENCE , 11, 1, ISSN:2261236X

O.M.F. Marwah, M. Ibrahim, E.J. Mohamad, M. A. Johar , M. H. Othman
(2017) Quality Parts Of Portable Fdm Machine Used In Direct Investment Casting, INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY (IJET), Engg Journals Publications , 1, 2638, ISSN:23198613

K. Kamarudin, M.S. Wahab, M. Ibrahim, M.F.M. Batcha, A.A. Raus, Aqeel Ahmed, N. Sa'ude, Z. Shayfull, and S.M. Nasir
(2017) The Effect Of Square Finned Conformal Cooling (Sfcc) On Cycle Time For Plastic Injection Moulding, JOURNAL OF MECHANICAL ENGINEERING, UiTM , 8, 79, ISSN:18235514

O. M. F. Marwah1, N. F. A. Halim1, M. S. Shukri1, E. J. Mohamad2 and M. Ibrahim
(2016) A Study On Palm Fiber Reinforces As A Filament In Portable Fdm, JOURNAL OF ENGINEERING AND APPLIED SCIENCES, Asian Research Publishing Network (ARPN) , 6, 7828, ISSN:18196608

Shukri M.S., Marwah O.M.F., Ibrahim M., Sharif S., Mohamad E.J.
(2016) An Experimental Analysis Of Strain And Stress For Abs Pattern Developed By Portable Fdm Machine Used In Direct Investment Casting, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, Asian Research Publishing Network (ARPN) , 6501, ISSN:18196608

Marwah O.M.F., Sharif S., Ibrahim M., Mohamad E.J., Idris M.H.
(2016) Direct Rapid Prototyping Evaluation On Multijet And Fused Deposition Modeling Patterns For Investment Casting, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART L: JOURNAL OF MATERIALS: DESIGN AND APPLICATIONS, IMechE , 958, ISSN:14644207

N. Sa'ude, M. Ibrahim and M. H. I. Ibrahim
(2016) Document Melt Flow Rate (Mfr) Of Abs-Copper Composite Filament By Fused Deposition Modeling (Fdm), ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, ARPN Journal of Engineering and Applied Sciences , 5, 6562, ISSN:18196608

Mohd Shahir Yahya, Musli Mohammad, Mustafa Ibrahim, Ghazali Kadis, Abd Khalil Abd Rahim
(2016) The Effectiveness Of Portable Training Set For Hajj Course (P.A.H.A.M) Toward Increasing The Pilgrims Understanding: A Survey, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, Asian Research Publishing Network (ARPN) , 9, 11150, ISSN:1819-6608

M. Ibrahim, N. M. A. Isa, N. Sa'ude and M. I. Ibrahim
(2016) Verification Of Feed Rate Effects On Filament Extrusion For Freeform Fabrication, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES, Asian Research Publishing Network (ARPN) , 5, 6556, ISSN:1819-6608

Rd Khairilhijra Khirotdin, Adham Mohamad Nasir, Khairu Kamarudin and Mustafa Ibrahim
(2015) Investigation Of Dlp Projector As An Energy Light Source To Cure Silver Conductive Ink, APPLIED MECHANICS & MATERIALS, Trans Tech Publications Ltd , 7, 13, ISSN:1660-9336

Marwah, O.M.F., Sharif, S., Zainol, M.A., Ibrahim, M., Mohamed, E.J.
(2014) 3d Printer Patterns Evaluation For Direct Investment Casting, APPLIED MECHANICS AND MATERIALS, Trans Tech Publications , 10, 1400, ISSN:16609336

M.N. Hafsa, M. Ibrahim
(2014) Studies On Rapid Prototyping Pattern Using Pla Material And Fdm Technique , APPLIED MECHANICS AND MATERIALS, UTHM , 4, 1070, ISSN:16627482

Khairu K., M . Ibrahim, S. Hassan, H. Hehsan, Ashari Kasmin
(2014) Study On Layer Fabrication For 3d Structure Of Photoreactive Polymer Using Dlp Projector, APPLIED MECHANICS AND MATERIALS, Trans Tech Publications, Switzerland , 1, 911, ISSN:16609336

Marwah, O.M.F., Sharif, S., Zainol, M.A., Ibrahim, M., Idris, M.H.
(2013) Collapsibility Studies Of Mjm Acrylate Patterns For Investment Casting, APPLIED MECHANICS AND MATERIALS, Trans Tech Publications , 5, 839,

ISSN:16609336

Omar M.F.M, S. Sharif, M.Ibrahim., MH. Idris., A.S.A. Fadzil, A.M Amin

(2013) Differential Ceramic Shell Thickness Evaluation For Direct Rapid Investment Casting, APPLIED MECHANICS AND MATERIALS, Trans Tech Publications , 4, 418, ISSN:16628985

M.N. Hafsa, M. Ibrahim, S. Sharif, M.F.M Omar, M.A. Zainol

(2013) Evaluation Of Different Internal Structure And Build Orientation For Multijet Modeling Process, APPLIED MECHANICS AND MATERIALS, Trans Tech Publications , 4, 587, ISSN:16628985

M.N. Hafsa, M. Ibrahim, S. Sharif, M.F.M Omar, S. Sulaiman

(2013) Finite Element Analysis On Rapid Prototyping Pattern With Different Internal Structure For Investment Casting, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND APPLICATIONS, International Journal of Engineering Research and Applications , 8, 1934, ISSN:22489622

M.N. Hafsa, M. Ibrahim, S. Sharif, O.M.F. Marwah and S. Sulaiman

(2013) Finite Element Analysis On Rapid Prototyping Pattern With Different Internal Structure For Investment Casting (Ic), INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND APPLICATIONS , International Journal of Engineering Research and Applications (IJERA) , 7, 1934, ISSN:22489622

M N Hafsa, M Ibrahim and S Sharif

(2013) Investment Casting Using Multi-Jet Modelling Patterns: The Thermogravimetric Analysis Of Visijet? Sr200 Uv Curable Acrylate Plastic, IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING , Faculty of Mechanical Engineering, Universiti Malaysia Pahang , 4, 1, ISSN:17578981

Marwah, O.M.F., Sharif, S., Ibrahim, M.

(2012) Direct Fabrication Of Ic Patterns Via Rapid Prototyping Approaches, INTERNATIONAL JOURNAL OF AUTOMATION TECHNOLOGY, FUJI TECHNOLOGY PRESS , 9, 570, ISSN:18817629

Omar M.F.M, S. Sharif, M.Ibrahim., H.Hehsan.,M.N.M Busari, Hafsa .MN

(2012) Evaluation Of Direct Rapid Prototyping Pattern For Investment Casting, ADVANCED MATERIALS RESEARCH, Trans Tech Publications , 2, 226, ISSN:1662-8985

M.F.M. Omar, S. Sharif, M. Ibrahim, H. Hehsan, M.N.M. Busari, M.N. Hafsa

(2012) Evaluation Of Direct Rapid Prototyping Pattern For Investment Casting (Ic), ADVANCED MATERIALS RESEARCH, 2012 2nd International Conference on Advanced Material Research (ICAMR 2012) , 12, 226, ISSN:16628985

Prosiding / Seminar**MOHD HAFIZ BURHAN, NIK HISYAMUDIN MUHD NOR, MOGAN YARWINDRAN, MUSTAFFA IBRAHIM, MOHD FAHRUL HASSAN, MOHD AZWIR AZLAN, FAIZ MOHD TURAN, KARTINA JOHAN**

(2017) Designing An Orthotic Insole By Using Kinect Xbox Gaming Sensor Scanner And Computer Aided Engineering Software, INSTITUTE OF PHYSICS PUBLISHING , 1, ISBN:17578981

Mohd Shahir Yahya, Abd Khalil Abd Rahim, Musli Mohammad, Mustafa Ibrahim, Ghazali Kadis

(2017) Evaluation On The Perception Of The New Portable Set For Hajj Course (P.A.H.A.M) Based On Design Characteristics, IOP Publishing , 1, ISBN:1757899X

HAQ R.H.A., KHAIRILHIJRA K.R., WAHAB M.S., SA'UDE N., IBRAHIM M., MARWAH O.M.F., YUSOF M.S., RAHMAN M.N.A., ARIFFIN A.M.T., HASSAN M.F., YUNOS M.Z., ADZILA S.

(2017) Pcl/Pla Polymer Composite Filament Fabrication Using Full Factorial Design (Doe) For Fused Deposition Modelling, INSTITUTE OF PHYSICS PUBLISHING , -, ISBN:17426596

Nur Amalina Binti Zulkifli, Muhammad Akmal Johar, Omar Mohd Faizan Marwah and Mohd Halim Irwan Ibrahim

(2017) Review On Advances Of Functional Material For Additive Manufacturing, INSTITUTE OF PHYSICS PUBLISHING , 1, ISBN:17578981

Mustaffa Bin Hj Ibrahim

(2011) Freeform Fabrication Of Titanium Based Powder By Inkjet 3d Printer, -

Mustaffa Bin Hj Ibrahim

(2011) Parameter Study On Small Droplet Generation Using Drop On Demand Piezoelectric Inkjet Technology, -

Mustaffa Bin Hj Ibrahim

(2011) Quality Assessment Of Indirect Rapid Prototyping Pattern Produced By Silicone Mould , -

Mustaffa Bin Hj Ibrahim

(2009) Fabrication Of Mmc Material For Edm Electrode

Mustaffa Bin Hj Ibrahim

(2008) Development Of Alternative Material For Three Dimensional Printer

Mustaffa Bin Hj Ibrahim

(2008) Palm Oil Based Flyash For Freeform Fabrication Of Prototypes Using 3d Printer

Mustaffa Bin Hj Ibrahim

(2006) A Study On Inkjet Drop Deposition To Fabricate Multi-Material 3d Structure

Mustaffa Bin Hj Ibrahim

(2006) A Study On Using Inkjet Printing Technology To Fabricate Three-Dimensional Structures

Mustaffa Bin Hj Ibrahim

(2006) Investigation On Fabricating 3d Structures Using Inkjet Printing Technology

Mustaffa Bin Hj Ibrahim

(2005) A Study On Fluid Deposition Resolution In Inkjet Printing Of Multi Material Fluid For Rapid Prototyping Application

Mustaffa Bin Hj Ibrahim

(2005) A Study On The Effect Of Operating Parameters On A Single Nozzle Piezoelectric Inkjet Device

Mustaffa Bin Hj Ibrahim

(2005) Deposition Of High Aspect Ratio Silver Conductive Ink For Stereolithography Sff Fabrication

Mustaffa Bin Hj Ibrahim

(2005) Inkjet Printing Resolution Study For Multi-Material Rapid Prototyping

Mustaffa Bin Hj Ibrahim
(2004) Electronic Circuit Fabrication Using Inkjet Printed Of Silver Nanoparticles For Sff

Mustaffa Bin Hj Ibrahim
(2004) Integration Of Silver Nanoparticle Inkjet Printing And Layered Manufacturing Technology

Mustaffa Bin Hj Ibrahim
(2003) A Study On Direct Writing Of Conductive Ink Using Ink Jet Printing Technology

Supervision

Year	Description	Role
2012	Supervisor to Mohd Amirullah Bin Zainol , UTHM, 2012	Supervisor
2012	Supervisor to Roslinda Binti Sufarman , UTHM, 2012	Supervisor
2012	Supervisor to Suhaimi Bin Sulaiman , UTHM, 2012	Supervisor
2012	Supervisor to Muhammad Idzuan Bin Ibrahim Sabki , UTHM, 2012	Supervisor
2012	Supervisor to Muhammad Idzuan Bin Ibrahim Sabki , UTHM, 2012	Supervisor
2012	Supervisor to Mohamad Azhar Bin Azahari , UTHM, 2012	Supervisor
2012	Supervisor to Nuraini Binti Mhd Noor , UTHM, 2012	Supervisor
2012	Supervisor to Nurul Emi Nor Ain Binti Mohammad , UTHM, 2012	Supervisor
2012	Supervisor to Liana Nabila Binti Mohd Shah , UTHM, 2012	Supervisor
2011	Supervisor to Md Fahme Bin Ahmad, UTHM, 2011	Supervisor
2011	Supervisor to Hafsa Binti Mohammad Noor, UTHM, 2011	Supervisor
2011	Supervisor to Mohd Afiq Bin Jantan, UTHM, 2011	Supervisor
2011	Supervisor to Mohamad Faiz Bin Jalil, UTHM, 2011	Supervisor
2011	Supervisor to Norsyafiq Bin Mohamed Busari, UTHM, 2011	Supervisor
2010	Supervisor to Nadiah Binti Ahmad Shukeri, UTHM, 2010	Supervisor
2010	Supervisor to Nor Shakirah bt. Saidin, UTHM, 2010	Supervisor
2010	Supervisor to Soffuan Mohamed, UTHM, 2010	Supervisor
2010	Supervisor to Mohamed Faizal b. Zainol, UTHM, 2010	Supervisor
2010	Supervisor to Nor Aqilah Binti Mohamed, UTHM, 2010	Supervisor
2010	Supervisor to Mohd. Afiq Akram b. Yusof, UTHM, 2010	Supervisor
2010	Supervisor to Norhidayah bt. Mohd. Zain, Masters, Universiti Tun Hussein Onn Malaysia, 2010	Supervisor
2009	Supervisor to Noor Azamiah Binti Abdul Razak, UTHM, 2009	Supervisor
2009	Supervisor to Mohd Nizam Bin Adanan, UTHM, 2009	Supervisor
2009	Supervisor to Mohammad Taridi Bin Abdullah, UTHM, 2009	Supervisor
2009	Supervisor to Dzulkarnain B. Dimiyati, UTHM, 2009	Supervisor
2009	Supervisor to SITI Amalina Bt Mohd Ramli, UTHM, 2009	Supervisor
2008	Supervisor to Syed Sakdudin b. Syed Ali, UTHM, 2008	Supervisor
2008	Supervisor to Norazlin bt. Nasir, UTHM, 2008	Supervisor
2008	Supervisor to Mohd. Nor Kharizan Sariff, UTHM, 2008	Supervisor

Courses & Training

Year	Description Organiser / Venue	Date
2021	JERAYAWARA KRITERIA BAHARU PENILAIAN PRESTASI TAHUNAN & KENAIKAN PANGKAT STAF AKADEMIK UTHM BERSAMA FAKULTI KEJURUTERAAN MEKANIKAL DAN PEMBUATAN PEJABAT PENDAFTAR, UTHM / GOOGLE MEET	05/01/2021
2020	SESI BERSAMA PAKAR DARI INDUSTRI: DATO' IR. MUHAMAD GUNTOR UTHM / Dewan Jemaah, Aras 5 Perpustakaan Tunku Tun Aminah UTHM	25/10/2020
2020	CERTIFICATE IN DESIGN MODELLING AND OPTIMIZATION IN ADDITIVE MANUFACTURING (5 DAYS COURSE) - PART 2 LAIN-LAIN / UTM KL	02/10/2020 - 04/10/2020
2020	CERTIFICATE IN DESIGN MODELLING AND OPTIMIZATION IN ADDITIVE MANUFACTURING (5 DAYS COURSE)- PART 1	26/09/2020 - 27/09/2020

LAIN-LAIN / UTM KL

2020	NDA SIGNING CEREMONY DAN TAKLIMAT BERSAMA SYARIKAT NIHON SDN. BHD UTHM / BILIK LESTARI 1, PTTA	26/08/2020
2020	SCREENCASTING WITH CAMTASIA (REPEAT) UTHM / -	14/07/2020
2020	TURNITIN TRAINING FOR LECTURES UTHM / GOOGLE MEET	16/06/2020
2020	USE GOOGLE FORM LIKE A BOSS UTHM / -	21/05/2020
2020	GOOGLE CLASS ROOM FOR FOC IN 3 SIMPLE STEPS UTHM / -	22/04/2020
2019	KURSUS PEMANTAPAN FASILITATOR KERJA BERPASUKAN PEJABAT PENDAFTAR,UTHM / PUSAT MINDA EMAS (PUMAS)	08/07/2019
2019	KURSUS PEGAWAI PENYIASATAN UTHM (INTEGRITI) UTHM / BILIK LESTARI 1 ARAS 3 PERPUSTAKAAN TUNKU TUN AMINAH	25/06/2019 - 26/06/2019
2019	KURSUS PEMANTAPAN FASILITATOR PEMBANGUNAN BERPASUKAN PEJABAT PENDAFTAR,UTHM / PUMAS	31/01/2019 - 01/02/2019
2019	MAJLIS PELANCARAN INNOVATION LABS UTHM UTHM / FKEE UTHM	29/01/2019