



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

STAFF PROFILE

NAME PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI

FACULTY / CENTRE FAKULTI KEJURUTERAAN MEKANIKAL

DESIGNATION PENSYARAH UNIVERSITI

CURRENT POSITION KETUA, KLUSTER PEMBUATAN BAHAN TAMBAHAN DAN INOVASI PRODUK - PUSAT PEMBUATAN TERMAJU

EMAIL rizalalkahari@utem.edu.my



ACADEMIC QUALIFICATION

YEAR	QUALIFICATION	INSTITUTION
2014	KEDOKTORAN FALSAFAH (PH.D)	KANAZAWA UNIVERSITY JAPAN
2005	SARJANA (MASTERS)	UNIVERSITY OF WARWICK
1999	SARJANA MUDA KEPUJIAN(BACHELOR HONS)	UNIVERSITI ISLAM ANTARABANGSA

FIELD OF INTEREST

DESIGN AND MANUFACUTRING , 3D PRINTING/ADDITIVE MANUFACTURING

TEACHING EXPERIENCE *(last 5 years)*

UNDERGRADUATES

SESSION	COURSE
2021/2022	BMCG4323 - RAPID PROTOTYPING TECHNOLOGY
2021/2022	BMCU3013 - INTEGRATED DESIGN PROJECT
2020/2021	BMCG3313 - ENGINEERING DESIGN
2020/2021	BMCG4323 - RAPID PROTOTYPING TECHNOLOGY
2020/2021	BMCU3013 - INTEGRATED DESIGN PROJECT
2020/2021	DMCD2512 - OCCUPATIONAL SAFETY AND HEALTH
2019/2020	BENG4322 - ENGINEER AND SOCIETY
2019/2020	BMCG3313 - ENGINEERING DESIGN
2019/2020	BMCG4323 - RAPID PROTOTYPING TECHNOLOGY
2018/2019	BENG4322 - ENGINEER AND SOCIETY
2018/2019	BMCG4323 - RAPID PROTOTYPING TECHNOLOGY
2017/2018	BENG4322 - ENGINEER AND SOCIETY
2017/2018	BMCG2513 - COMPUTER AIDED DESIGN AND MANUFACTURING
2017/2018	BMCG4323 - RAPID PROTOTYPING TECHNOLOGY
2017/2018	BMCU4042 - ENGINEERING ETHICS & OSHE
2016/2017	BETD2513 - COMPUTER AIDED MANUFACTURING
2016/2017	BMCU4042 - ENGINEERING ETHICS & OSHE

POSTGRADUATES

SESSION	COURSE
2020/2021	MMCD5823 - TEKNOLOGI MAMPATAN MASA
2020/2021	MMCU5963 - 3D PRINTING
2019/2020	MMCD5823 - TEKNOLOGI MAMPATAN MASA
2019/2020	MMCU5963 - 3D PRINTING
2016/2017	MMCD5823 - TEKNOLOGI MAMPATAN MASA

LIST OF GRANTS (last 5 years)

YEAR AWARDED	TITLE OF PROJECT	TYPE OF GRANT	AMOUNT (RM)	ROLE
2021	THE ADOPTION OF ENABLING TECHNOLOGIES FOR PROCESS EFFICIENCY AND DATA SHARING IN ELV REMANUFACTURING AND RECYCLING	GERAN KHAS (NATIONAL)	157600	MAIN RESEARCHER
2021	ANALYSIS OF VACUUM PRESSURE AND CORRELATION TO SURFACE FINISH AND MECHANICAL PROPERTIES IN METAL ADDITIVE MANUFACTURING	GERAN FRGS (NATIONAL)	167800	CO-RESEARCHER
2020	OPTIMIZATION OF TWIN SCREW 3D PRINTING FILAMENT EXTRUDER FOR WOOD DUST REINFORCED RECYCLED POLYPROPYLENE COMPOSITE (R-WOPPC)	SHORT TERM (UTEM)	20000	CO-RESEARCHER
2020	MECHANISM OF MELT POOL FORMATION AND CORRELATION TO 3D PRINTED STRUCTURE IN MICROPLASMA ASSISTED METAL ADDITIVE MANUFACTURING	GERAN FRGS (NATIONAL)	120200	MAIN RESEARCHER
2020	DEVELOPMENT OF 3D PRINTED PROSTHETIC SOCKET FOR LOWER LIMB AMPUTEE AT PERKESO REHABILITATION CENTER	GERAN INDUSTRI (INDUSTRY)	200000	CO-RESEARCHER
2020	PROTOTYPE DEVELOPMENT OF ERGONOMIC GRINDING SYSTEM TO BEVEL A PIPE IN PREPARATION FOR WELDING	GERAN PJP PROTOTAIP (PEMBANGUNAN PRODUK) (COMMERCIALIZATION)	20000	CO-RESEARCHER
2019	DEVELOPMENT OF NEW ENTERPRISE RISK MANAGEMENT (ERM) FRAMEWORK FOR UNIVERISITI TEKNIKAL MALAYSIA MELAKA (UTEM)	SHORT TERM (UTEM)	7000	CO-RESEARCHER
2019	CHARACTERISTIC OF A NEW ENHANCED RECYCLED POLYLACTIDE FOR SUSTAINABLE 3D PRINTING THROUGH PROCESS OPTIMIZATION	SHORT TERM (UTEM)	20000	CO-RESEARCHER
2019	CHARACTERISTIC OF A NEW ENHANCED RECYCLED POLYLACTIDE FOR SUSTAINABLE 3D PRINTING THROUGH PROCESS OPTIMIZATION	SHORT TERM (UTEM)	20000	CO-RESEARCHER
2019	CHARACTERISTIC OF A NEW ENHANCED RECYCLED POLYLACTIDE FOR SUSTAINABLE 3D PRINTING THROUGH PROCESS OPTIMIZATION	SHORT TERM (UTEM)	20000	CO-RESEARCHER
2019	CORRELATION OF DESIGN PARAMETERS OF LIGHTWEIGHT LATTICE STRUCTURES ON VIBRATION CHARACTERISTICS AND MECHANICAL STRENGTH FOR HIGH EFFICIENCY ISOLATOR.	GERAN FRGS (NATIONAL)	113500	CO-RESEARCHER
2019	MECHANICAL AND PHYSICAL CHARACTERISTICS OF FDM PART MANUFACTURED UNDER AN EXCLUSION OF OXYGEN	GERAN FRGS (NATIONAL)	68800	CO-RESEARCHER
2019	DEVELOPMENT OF SUSPENDED HYDROGEL BIOPRINTER THROUGH 3D PRINTER MODIFICATION.	SHORT TERM (UTEM)	20000	CO-RESEARCHER
2017	EXPERIMENTAL ANALYSIS AND SIMULATION ON DISTORTION OF THIN AND HIGH STRENGTH STEEL WELDED USING A NEW COLD ARC WELDING TECHNIQUE	GERAN FRGS (NATIONAL)	94340	CO-RESEARCHER
2017	DESIGN AND EXPERIMENTAL VERIFICATION OF 5-PHASE PERMANENT MAGNET GENERATOR FOR LOW SPEED MICRO-HYDRO POWER GENERATION	HIGH IMPACT (UTEM)	39000	CO-RESEARCHER
2017	DEVELOPMENT OF A SMALL SCALED 3D PRINTER	PENYELIDIKAN KONTRAK (INDUSTRY)	7000	MAIN RESEARCHER
2017	INVESTIGATION ON PHYSICAL PROPERTIES AND CHARACTERISTICS OF ADVANCED RUBBER BONDED ALUMINIUM COMPOSITE MATERIALS FOR MODULAR & SUSPENDED WHEEL SYSTEM	SHORT TERM (UTEM)	48000	MAIN RESEARCHER
2017	DEVELOPMENT OF A NEW ADVANCED MANUFACTURING TECHNIQUE FOR 3D METAL PRINTING USING A MICRO-PLASMA SYSTEM AND CHARACTERIZATION OF THE PRINTED MATERIAL	GERAN SCIENCEFUND (NATIONAL)	256000	MAIN RESEARCHER

PUBLICATIONS (last 5 years)**JOURNAL**

YEAR	TITLE	NAME OF JOURNAL	AUTHORS
2021	REVIEW ON EFFECT OF HEAT INPUT FOR WIRE ARC ADDITIVE MANUFACTURING PROCESS	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY	
2020	FAILURE BEHAVIOUR OF 3D-PRINTED ABS LATTICE STRUCTURE UNDER COMPRESSION	INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY	RAFIDAH HASAN, NUR AMEELIA ROSLI, SHAFIZAL MAT, MOHD RIZAL ALKAHARI
2020	INFLUENCE OF PROCESS PARAMETER ON THE HEIGHT DEVIATION OF WELD BEAD IN WIRE ARC ADDITIVE MANUFACTURING	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTIONENGINEERING RESEARCH AND DEVELOPMENT	NOR ANA ROSLI, MOHD RIZAL ALKAHARI, FAIZ REDZA RAMLI & MOHD FADZLI ABDOLLAH
2020	PARAMETER OPTIMIZATION IN 3D PRINTER RECYCLE MACHINE	ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES	RAMLI F.R., MAT S., MUSTAFAR A.A., ARIS M.A.I.Z., ALKAHARI M.R., JAMLI M.R., CASE K.
2019	EMISSION OF SELECTED ENVIRONMENTAL EXPOSURE FROM SELECTIVE LASER SINTERING (SLS) POLYAMIDE NYLON (PA12) 3D PRINTING PROCESS	JOURNAL OF SAFETY, HEALTH AND ERGONOMICS	AMIR ABDULLAH MUHAMAD DAMANHURI, AZIAN HARIRI, MUHAMMAD HAFIDZ FAZLI MD FAUADI, MOHD RIZAL ALKAHARI, MOHAMAD RAFI OMAR
2019	INDOOR AIR CONCENTRATION FROM SELECTIVE LASER SINTERING 3D PRINTER USING VIRGIN POLYAMIDE NYLON (PA12) POWDER: A PILOT STUDY	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	DAMANHURI, AMIR ABDULLAH MUHAMAD; HARIRI, AZIAN; ALKAHARI, MOHD RIZAL; FAUADI, MUHAMMAD HAFIDZ FAZLI MD; BAKRI, SITI FARHANA ZAINAL
2018	COMPARISON OF WEAR BEHAVIOR OF ABS AND ABS COMPOSITE PARTS FABRICATED VIA FUSED DEPOSITION MODELLING	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES	M.N. SUDIN, F.R. RAMLI, M.R. ALKAHARI, M. A. ABDULLAH
2018	DESIGN AND DEVELOPMENT OF A LOW-COST 3D METAL PRINTER	JOURNAL OF MECHANICAL ENGINEERING RESEARCH AND DEVELOPMENTS	N.A. ROSLI, M.R. ALKAHARI, F.R. RAMLI, S. MAIDIN, M.N. SUDIN, S. SUBRAMONIAN AND T. FURUMOTO
2018	DIMENSIONAL ACCURACY AND SURFACE ROUGHNESS OF PART FEATURES MANUFACTURED BY OPEN SOURCE 3D PRINTER	ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES	F.R. RAMLI, M.S.M. FAUDZIE, M.A. NAZAN, M.R. ALKAHARI, M.N. SUDIN, S. MAT AND S.N. KHALIL
2018	INVESTIGATION ON PROCESS-PROPERTIES RELATIONSHIP WITH MECHANICAL PROPERTIES OF LATTICE-STRUCTURED CELLULAR MATERIAL FOR LIGHTWEIGHT APPLICATION	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	N. A. ROSLI, R. HASAN, W.H. NG, M.K. BAHARUDIN AND M. R. ALKAHARI
2018	KINEMATIC AND COMPUTATIONAL FLUID DYNAMICS ANALYSIS OF AN UNDERWATER MANIPULATOR ARM IN STREAMLINE AND BLUNT BODY ARRANGEMENT	JOURNAL OF ADVANCED RESEARCH IN FLUID MECHANICS AND THERMAL SCIENCES	A.A YUSOF, M.K. MOHAMAD NOR, S.A SHAMSUDIN, M.R. ALKAHARI
2018	STATIC AND DYNAMIC ANALYSIS OF FDM PRINTED LATTICE STRUCTURES FOR SUSTAINABLE LIGHTWEIGHT MATERIAL APPLICATION	PROGRESS IN INDUSTRIAL ECOLOGY	MUHAMAD SYAFWAN AZMI; RAFIDAH HASAN; RAINAH ISMAIL; NUR AMEELIA ROSLI; MOHD RIZAL ALKAHARI
2018	SURFACE FINISH AND MECHANICAL PROPERTIES OF FDM PART AFTER BLOW COLD VAPOR TREATMENT	JOURNAL OF ADVANCED RESEARCH IN FLUID MECHANICS AND THERMAL SCIENCES	S. N. H. MAZLAN, M.R. ALKAHARI, F. R. RAMLI, N.A MAIDIN, M.N. SUDIN, A.R. ZOLKAPLY
2018	VIBRATION ANALYSIS OF FUSED DEPOSITION MODELLING PRINTED LATTICE STRUCTURE BAR FOR APPLICATION IN AUTOMATED DEVICE	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	M. S. AZMI, R. ISMAIL, R. HASAN AND M. R. ALKAHARI
2017	INFLUENCE OF INTEGRATED PRESSING DURING FUSED FILAMENT FABRICATION ON TENSILE STRENGTH AND POROSITY	JOURNAL OF MECHANICAL ENGINEERING	S. N. A. MAJID, M.R. ALKAHARI, F. R. RAMLI, S. MAIDIN, C.F. TAN, M.N. SUDIN
2017	PROCESS PARAMETER OPTIMIZATION OF 3D PRINTER USING RESPONSE SURFACE METHOD	ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES	NAZAN, M. A., F. R. RAMLI, M. R. ALKAHARI, M. N. SUDIN, AND M. A. ABDULLAH

CONFERENCE

YEAR	TITLE	NAME OF CONFERENCE	AUTHORS
2020	DESIGN AND DEVELOPMENT OF 3D PRINTER FILAMENT EXTRUDER	MECHANICAL ENGINEERING RESEARCH DAY 2020	MUHAMAD AMINUR ILMAN ZAINAL ARIS, SHAFIZAL MAT, MUHAMMAD SYAZWAN SAM, FAIZ REDZA RAMLI, MOHD RIZAL ALKAHARI, SYAHIBUDIL IKHWAN ABDUL KUDUS
2020	THE INFLUENCE OF STL DATA QUALITY ON THE SURFACE ROUGHNESS OF 3D PRINTED MELAKA HISTORICAL ARTIFACT	MECHANICAL ENGINEERING RESEARCH DAY 2020	HAMBALI BOEJANG, LOW KAH LAI, SYAHIBUDIL IKHWAN ABDUL KUDUS, MOHAMMAD RAFI OMAR, MOHD IDAIN FAHMY ROSLEY, SHAFIZAL MAT, MOHD RIZAL ALKAHARI
2019	UTEM AUTONOMOUS UNDERWATER VEHICLE COMPETITION INITIATIVES: PROJECT TUAH AND PANTHER	10TH NATIONAL TECHNICAL SEMINAR ON UNDERWATER SYSTEM TECHNOLOGY	AHMAD ANAS YUSOF, MOHD KHAIRI MOHAMED NOR, SHAMSUL ANUAR SHAMSUDIN, MOHD RIZAL ALKAHARI, MOHD SHAHRIEEL MOHD ARAS, MOHAMAD RIDUWAN MD NAWAWI, MOHD ZAIDI MOHD TUMARI, MOHAMMAD AFIF KASNO
2018	EFFECT OF DEFAULT PARAMETERS ON PROPERTIES OF FDM PRINTED CUBES	5TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	N.A ROSLI, R.HASAN, M.R. ALKAHARI
2018	OPTIMIZATION OF VACUUM CASTING PROCESS PARAMETERS USING TAGUCHI METHOD	5TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	M.N. AHMAD, M.R. ALKAHARI, M.F. MOHD BASIR, NURUL AIN MAIDIN
2018	INVESTIGATION ON THE SUITABILITY OF PLASTIC BOTTLE MATERIAL AS 3D PRINTER FILAMENT	5TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	HAMDAN, NOOR SAFFREENA; KIFLI, MUHAMMAD SYAHMI ZAINAL; ALKAHARI, MOHD RIZAL; ZOLKAPLY, ARZADTUL RUZIYA; NAZHAN, MUHAMMAD AFDHAL
2018	INFLUENCE OF INERT GAS ASSISTED 3D PRINTING MACHINE ON THE SURFACE ROUGHNESS AND STRENGTH OF PRINTED COMPONENT	5TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	SITI NUR HUMAIRA MAZLAN, MOHD RIZAL ALKAHARI, NURUL AIN MAIDIN, FAIZ REDZA RAMLI, MOHD NIZAM SUDIN, LIM GUO DONG, IMRAN SYAKIR MOHAMAD,
2018	EFFECT OF LAYER THICKNESS ON SURFACE ROUGHNESS OF LATTICE STRUCTURE MANUFACTURED USING FDM	ASIA INTERNATIONAL CONFERENCE ON TRIBOLOGY 2018	N.A. ROSLI, R. HASAN, M.R. ALKAHARI
2017	VIBRATION ANALYSIS OF FDM PRINTED LATTICE STRUCTURE BAR	SAKURA SYMPOSIUM ON MECHANICAL SCIENCE AND ENGINEERING	M.S. AZMI, R. ISMAIL, R.HASAN, M.R. ALKAHARI, T. TOKOROYAMA
2017	EFFECT OF PROCESS PARAMETERS ON THE GEOMETRICAL QUALITY OF ABS POLYMER LATTICE STRUCTURE	SYMPOSIUM ON MECHANICAL SCIENCE AND ENGINEERING	N.A ROSLI, R.HASAN, M.R. ALKAHARI, T. TOKOROYAMA
2017	INVESTIGATION OF WARPING DEFORMATION IN FUSED DEPOSITION MODELLING BY SAGO STARCH ADHESION	INTERNATIONAL CONFERENCE ON DESIGN AND CONCURRENT ENGINEERING 2017 & MANUFACTURING SYSTEMS CONFERENCE 2017	F.R RAMLI, M.ANAZAN, M.R. ALKAHARI, M.N. SUDIN AND M.A ABDULLAH
2017	POLYMER ADHESION INVESTIGATION ON FUSED DEPOSITION MODELLING MACHINE	SAKURA SYMPOSIUM ON MECHANICAL SCIENCE AND ENGINEERING 2017	M.A NAZAN, F.R RAMLI, M.R. ALKAHARI, T. TOKOROYAMA, N. UMEHARA
2017	OPTIMIZATION OF FDM PROCESS PARAMETERS FOR ABS SPUR GEAR BUILD TIME	PROCEEDINGS OF MECHANICAL ENGINEERING RESEARCH DAY	S.M.M. NOR, M.N. SUDIN, S.H.S.M. FADZULLAH, M.R. ALKAHARI, F.R. RAMLI
2017	AN INVESTIGATION ON APPLYING DIFFERENT TYPES OF ADHESIVE TO REDUCE WARPING DEFORMATION IN OPEN SOURCE 3D PRINTER	MECHANICAL ENGINEERING RESEARCH DAY 2017	M.A. NAZAN, F.R. RAMLI, M.R. ALKAHARI, M.A. ABDULLAH, M.N. SUDIN
2017	ROUGHNESS OF 3D PRINTED SURFACE UNDER INFLUENCE OF CHEMICAL POST PROCESSING	MECHANICAL ENGINEERING RESEARCH DAY 2017	A. R. ZOLKAPLY, M. R. ALKAHARI, F. R. RAMLI, N. S. HAMDAN, M. N. SUDIN
2017	MANUFACTURABILITY OF OVERHANG STRUCTURE USING OPEN SOURCE 3D PRINTER	4TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	M.R. ALKAHARI, S.N.H. MAZLAN, O.I. SUN, F.R.RAMLI, N.A. MAIDIN, M.N.SUDIN
2017	STUDY ON DIMENSIONAL ACCURACY OF LATTICE STRUCTURE BAR USING FDM ADDITIVE MANUFACTURING	4TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	MS AZMI, R ISMAIL, R HASAN, MR ALKAHARI
2017	INVESTIGATION ON COMPRESSION LOAD RESPONSE OF POLYMER LATTICE-STRUCTURED CELLULAR MATERIAL	4TH MECHANICAL ENGINEERING RESEARCH DAY (MERD)	N.A. ROSLI, R. HASAN, M.K. BAHARUDIN, M.R. ALKAHARI

BOOK, BOOK CHAPTER, OTHER PUBLICATIONS

YEAR	TITLE BOOK	TITLE CHAPTER BOOK	TYPE OF PUBLICATIONS	AUTHORS
2018	FACING THE AUTONOMOUS UNDERWATER VEHICLE COMPETITION CHALLENGE: THE TUAH AUV EXPERIENCE. IN: HASSAN M. (EDS) INTELLIGENT MANUFACTURING & MECHATRONICS. LECTURE NOTES IN MECHANICAL ENGINEERING	FACING THE AUTONOMOUS UNDERWATER VEHICLE COMPETITION CHALLENGE: THE TUAH AUV EXPERIENCE. IN: HASSAN M. (EDS) INTELLIGENT MANUFACTURING & MECHATRONICS. LECTURE NOTES IN MECHANICAL ENGINEERING	BOOK_CHAPTER	MOHD RIZAL BIN ALKAHARI
2018	THE DEVELOPMENT OF PANTHER AUV FOR AUTONOMOUS UNDERWATER VEHICLE COMPETITION CHALLENGE 2017/2018. IN: HASSAN M. (EDS) INTELLIGENT MANUFACTURING & MECHATRONICS. LECTURE NOTES IN MECHANICAL ENGINEERING. SPRINGER.	THE DEVELOPMENT OF PANTHER AUV FOR AUTONOMOUS UNDERWATER VEHICLE COMPETITION CHALLENGE 2017/2018. IN: HASSAN M. (EDS) INTELLIGENT MANUFACTURING & MECHATRONICS. LECTURE NOTES IN MECHANICAL ENGINEERING. SPRINGER, SINGAPORE	BOOK_CHAPTER	MOHD RIZAL BIN ALKAHARI

PROFESSIONAL MEMBERSHIPS / LEARNED SOCIETY

YEAR	ROLE	INSTITUTION	LEVEL
2020	AKREDITASI & PENGIKTIRAFAN PROGRAM DAN AHLI TEKNOLOGI (LEMBAGA TEKNOLOGIS MALAYSIA-MBOT)	LAIN-LAIN	KEBANGSAAN

POSTGRADUATE SUPERVISION (last 5 years)

NO	NAME	LEVEL OF STUDY	ROLE	STATUS
1	ROY HANSON ANAK JIMIT	DOCTORATE	MAIN SUPERVISOR	ACTIVE
2	NOR ANA BINTI ROSLI	DOCTORATE	MAIN SUPERVISOR	ACTIVE
3	TING KUNG HIENG	MASTERS	CO-SUPERVISOR	GRADUATED (2021)
4	MUHAMMAD AFDHAL BIN NAZAN	MASTERS	CO-SUPERVISOR	GRADUATED (2021)
5	NUR AMEELIA BINTI ROSLI	MASTERS	CO-SUPERVISOR	GRADUATED (2019)
6	SITI NUR HUMAIRA BINTI MAZLAN	MASTERS	MAIN SUPERVISOR	GRADUATED (2018)
7	NOR ANA BINTI ROSLI	MASTERS	MAIN SUPERVISOR	GRADUATED (2018)
8	JOHNNIE LIEW ZHONG LI	MASTERS	MAIN SUPERVISOR	ACTIVE
9	LIM GUO DONG	MASTERS	CO-SUPERVISOR	ACTIVE
10	MUHAMMAD RAZIF BIN MAHBOOB ALI	MASTERS	MAIN SUPERVISOR	ACTIVE
11	SITI KHAIRIYAH BINTI SULAIMAN	MASTERS	MAIN SUPERVISOR	ACTIVE
12	MOHAMMAD RAFI BIN OMAR	MASTERS	CO-SUPERVISOR	ACTIVE
13	ARZADTUL RUZIYA BINTI ZOLKAPLY	MASTERS	MAIN SUPERVISOR	ACTIVE
14	MUHAMMAD FITRI BIN YAHYA	MASTERS	MAIN SUPERVISOR	ACTIVE
15	EMALYN DAMYRA IDZA BINTI AZIZUL IZHAM	MASTERS	MAIN SUPERVISOR	ACTIVE

CONSULTANCY

YEAR	TITLE OF PROJECT	AGENCY	ROLES	LEVEL
2018	3D PRINTING WORKSHOP FOR STUDENTS	GD THREE D PRINTING ENTERPRISE	LEADER	NATIONAL
2018	3D PRINTING WORKSHOP FOR STUDENTS - SIRI 2	GD THREE D PRINTING ENTERPRISE	LEADER	NATIONAL
2018	3D PRINTING WORKSHOP FOR STUDENTS - SIRI 3	GD THREE D PRINTING ENTERPRISE	LEADER	NATIONAL

INTELLECTUAL PROPERTIES

YEAR	INVENTION NAME	TYPE
2017	A MULTIMODAL THREE-DIMENSIONAL PRINTER AND A METHOD FOR PRINTING A METALLIC COMPONENT IN THREE DIMENSIONS	PATENT
2016	A THREE-DIMENSIONAL PRINTER AND A METHOD OF PRINTING IN THREE DIMENSIONS	PATENT
2010	A FIRE FIGHTING VEHICLE	PATENT

STAFF PROFILE

KATEGORI MAKLUMAT	PEJABAT DIRUJUK
PERSONAL INFORMATION	BAHAGIAN SUMBER MANUSIA, PEJABAT PENDAFTAR
ACADEMIC QUALIFICATON	
PROFESSIONAL MEMBERSHIP / LEARNED SOCIETY	
TEACHING EXPERIENCE	BAHAGIAN PENGURUSAN AKADEMIK, PEJABAT PENDAFTAR
<ul style="list-style-type: none"> • UNDERGRADUATES 	
<ul style="list-style-type: none"> • POSTGRADUATES 	PUSAT PENGAJIAN SISWAZAH (PPS)
POSTGRADUATE SUPERVISION	PUSAT PENGAJIAN SISWAZAH (PPS)
FIELD OF INTEREST	PUSAT PENGURUSAN PENYELIDIKAN DAN INOVASI (CRIM)
LIST OF GRANTS	
LIST OF RESEARCH AWARDS	PUSAT PENGKOMERSILAN (UCC)
INTELLECTUAL PROPERTIES	
COMMERCIALIZATION	
PUBLICATIONS	PERPUSTAKAAN LAMAN HIKMAH
CONSULTANCY	PUSAT JARINGAN INDUSTRI DAN MASYARAKAT (PJIM)