



## CURRICULUM VITAE



### 1.0 PERSONNAL DETAILS

**NAME** : Ts. Dr. Roslina Binti Mohammad  
**DESIGNATION** : Senior Lecturer  
**NATIONALITY** : MALAYSIAN  
**CONTACT DETAILS** : TEL (O): +603-2180 5380  
E-MAIL: mroslina.kl@utm.my  
WEBSITE: <https://people.utm.my/roslinamohammad/>

### 2.0 ACADEMIC QUALIFICATION

2008-2011 : Ph. D. Mechanical Engineering  
University of Adelaide  
South Australia, Australia.

2006-2007 : M. Sc. Mechanical Engineering  
Universiti Teknologi Malaysia.

2001 – 2003 : B. Eng. (Hons) Mechanical Engineering  
Universiti Teknologi Malaysia.

1997 – 2000 : Diploma Mechanical Engineering  
Universiti Teknologi Malaysia.

### 3.0 RESEARCH INTEREST

FATIGUE & FRACTURE, SOLID MECHANICS, FINITE ELEMENT ANALYSIS, IMPACT MECHANICS, QUALITATIVE & QUANTITATIVE RISK ASSESSMENT

### 4.0 RESEARCH AND PUBLICATION

#### **4.1 RESEARCH**

##### **4.1.1 SUMMARY AMOUNT OF RESEARCH GRANT**

1	TOTAL AMOUNT OF RESEARCH GRANT <u>AS PRINCIPAL INVESTIGATOR</u> FROM 2013 TO 2019	230,000.00
2	TOTAL AMOUNT OF RESEARCH GRANT <u>AS PROJECT MEMBER</u> FROM 2013 TO 2019	1,341,191.75

##### **4.1.2 LIST OF RESEARCH GRANTS (AS PRINCIPAL INVESTIGATOR)**

*MG- Matching Grant; PDRG- Professional Development Research Grant; CR- Contract Research; RUG- Research University Grant; BE- Business Entity; TF- Technofund; I-G- Innovation Grant; FRGS-Fundamental Research Grant Scheme; IG- International Grant; NG-Networking Grant, PRGS-Prototype Research Grant Scheme*

1	2019-2021	RUG	<b>16J42</b> , Security and Risk Based Models of Contingent Threat at Seaport in Malaysia	30,000.00
2	2018-2020	RUG	<b>19H15</b> , Low Cycle Fatigue Life Evaluation of Thin Walled Bend Pipe Under Seismic Load Condition	50,000.00
3	2017-2019	RUG	<b>17H87</b> , Risk Assessment Frameworks of Handling and Storage of Cargo at Malaysia Ports	40,000.00

4	2016-2018	FRGS	<b>4F852</b> , Fatigue Effects of Impact Loaded Pipes with Flowing Liquid and Gas	70,000.00
5	2016-2018	RUG	<b>15H36</b> , Closure Effect of Welding Residual Stress in Penetration Nozzles of Pressure Vessel	40,000.00
6	2015-2016	RUG	<b>11J20</b> , Fatigue Behaviour of Pipes Transporting Liquid and Gas Due to Impact Loading	20,000.00
7	2013-2014	RUG	<b>00K06</b> , Analytical Modelling of the Transient Response of Pipes Transporting Liquid and Gas Due to Impact Loading	20,000.00

#### 4.1.3 LIST OF RESEARCH GRANTS (AS PROJECT MEMBER)

1	2019-2021	PRGS	<b>4L707</b> , Prototype Development of Spiral Flow Inducing Cannula For Stroke and Hemolysis Reduction During Cardiopulmonary Bypass Operation	85,530.00
2	2019-2021	FRGS	<b>5F205</b> , Investigation of Microstructure and Fatigue Behaviour on Newly Developed Ti-Al-Fe Alloys with Addition of Mo and Cu as Quaternary Elements	94,200.00
3	2019-2021	RUG	<b>16J53</b> , Recycling and Resource Recovery Technique in Managing Construction Waste in Sustainable Manner	20,000.00
4	2019-2021	RUG	<b>16J45</b> , Optimization of High-Performance Drill Geometry Design for Orthopaedic Surgical Application	20,000.00
5	2018-2020	BE	<b>MRT-V209</b> , Acre Works Sdn Bhd-STEAM Learning Laboratory: STEM Model Lab	78,400.00
6	2018-2020	BE	<b>MRT-V209</b> , Acre Works Sdn Bhd-STEAM Learning Laboratory: STEM Fun Learning Toy Library	43,300.00
7	2018-2019	NG	<b>4C192</b> , Annajah Community-The Elementary Development of the Personalized Application for Quran Tadabur Note Keeping	10,000.00
8	2017-2019	Dana Penyelidikan UTM Razak	<b>4J297</b> , Safety Security Management Plan to Curb Football Fans Hooliganism at Stadium	32,000.00
9	2017-2019	PRGS	<b>4L686</b> , Customized Stents for Trachea Stenosis	73,410.00
10	2017-2019	RUG	<b>17H73</b> , Determining the Usability Metrics of Digital Government among Citizens of Malaysia	30,000.00
11	2017-2019	RUG	<b>17H56</b> , Investigate of Sustainability Hybrid Renewable Energy System: Ocean Current Turbine & Solar Power System Electrification on One Fathom Bank Malaysia	40,000.00
12	2018	NG	<b>4X424</b> , Annajah Community- Grooming Future Scientists and Engineers from the Root through Fun Learning Concept	5,850.00
13	2018	NG	<b>4X364</b> , Grooming Future Scientists and Engineers from the Root through Fun Learning Concept	8,100.00
14	2017-2018	RUG	<b>14J04</b> , A Modified Gapped Smoothing Method for Detecting Horizontal and Vertical Crack	20,000.00
15	2016-2018	FRGS	<b>4F814</b> , Characterization of Glass from Electronic Waste (E-Waste) as Baseline Data for Sustainable Waste Management	36,000.00
16	2016-2018	RUG	<b>15H70</b> , Improvement of Changeover Times Through Integrating of SMED Method With QFD Techniques for Semiconductor Industry	40,000.00
17	2016-2018	RUG	<b>15H31</b> , Feasibility Study Aiming at Identifying the Potential Opportunities of Developing a Pioneer Underwater Ocean Turbines Power Plant on the One Fathom Bank	40,000.00
18	2016-2018	RUG	<b>15H58</b> , Research Information Management System Usability Model for Research Institute: A Case Study in FRIM	30,000.00
19	2016-2018	RUG	<b>15H75</b> , Life Cycle Assessment of Integrated Waste Management for Automotive Waste	40,000.00

20	2017	NG	<b>4X313</b> , Centre for Community and Industry Network (CCIN)- Annajah Community -Impact of Fun Learning Toy Library for STEM Education at Sek. Keb. Seneng Bachok Kelantan	13,000.00
21	2016-2017	Case Writing Grant Scheme	<b>4L407</b> , Database Alteration or Server Error: Helpdesk Challenge and Troubleshooting	10,000.00
22	2016	NG	<b>4X175</b> , Centre for Community and Industry Network (CCIN)- Annajah Community -Development of STEM Fun Learning Toy Library for Sek. Keb. Kuala Geris Dabong Kelantan	20,000.00
23	2015-2017	RUG	<b>12H61</b> , Environmental Management System Practices among Small and Medium Food Manufacturers in Malaysia	50,000.00
24	2015-2017	RUG	<b>12J12</b> , Acoustical Performance of Kenaf Polypropelene Composites as a High Acoustic Absorber at Aircraft Hangar	20,000.00
25	2015-2017	IG	<b>4B214</b> , APEN JAIF Multiversity Project	97,401.75
26	2015-2016	RUG	<b>12H10</b> , Development of Quadcopter with Hover Control Recovery Under One Rotor Failure Condition	50,000.00
27	2014-2016	FRGS	<b>4F664</b> , An improved Energy-Based Load-Displacement Prediction for a Slotted Disc Spring	54,000.00
28	2014-2015	RUG	<b>09H01</b> , Design of a Superlative Aerodynamic Ratio Envelope of a Hybrid Airship Vehicle (HAV) for UAV Surveillance Platform	20,000.00
29	2014-2015	RUG	<b>09H53</b> , Development of Decision Support System for Managing Electronic Waste (E-Waste) in a Sustainable and Intergrated Manner	20,000.00
30	2014-2015	NG	<b>4X027</b> , Program Myodyssey di bawah Program Pelan Strategik Pengajian Tinggi Negara (PSPTN) 2 Jangkauan Global 'Malaysia : Dimensi Baharu Di Bawah Peruntukan Institut Penyelidikan Pendidikan Tinggi Negara (IPPTN) bagi Tahun 2014	200,000.00

**TOTAL AMOUNT OF CONTRACT RESEARCH** RM 1,571,191.75

## 4.2 PUBLICATION

### 4.2.1 SUMMARY OF PUBLICATION

1	H-INDEX SCOPUS	5
2	TOTAL NO OF INTERNATIONAL INDEXED JOURNAL PUBLICATION	
	WEB OF SCIENCE	8
	CORRESPONDING/UTM FIRST AUTHOR	6
	SCOPUS JOURNAL	38
	CORRESPONDING/UTM FIRST AUTHOR	15
	SCOPUS PROCEEDINGS	3
	CORRESPONDING/UTM FIRST AUTHOR	1

### 4.2.2 LIST OF INDEXED PUBLICATION

#### 4.2.2.1 ISI/WEB OF SCIENCE JOURNAL

*UFA- UTM First Author; CorrA- Corresponding Author; CoA- Co-author*

2020	1	HARUN, M. F., <u>MOHAMMAD, R.</u> , AND KOTOUSOV, A. (2020). LOW CYCLE FATIGUE BEHAVIOR OF ELBOWS WITH LOCAL WALL THINNING. MDPI METAL SPECIAL ISSUE "HIGH-STRENGTH LOW-ALLOY STEELS",METAL 2020, 10(2),260.	CorrA	Q1	IF 2.259
2020	2	A. KADIR, Z., <u>MOHAMMAD, R.</u> , OTHMAN, N., AMRIN, A., MUHTAZARUDDIN, M.N., ABU-BAKAR, S.H., MUHAMMAD-SUKKI, F. (2020). RISK MANAGEMENT FRAMEWORK FOR HANDLING AND STORAGE OF CARGO AT MAJOR PORTS IN MALAYSIA TOWARDS PORT SUSTAINABILITY. MDPI SUSTAINABILITY 2020, 12, 516.	CorrA	Q2	IF 2.592

2019	3	KADIR, Z. A., <u>MOHAMMAD, R.</u> , OTHMAN, N., CHELLIAPAN, S.(2019). RISK MATRIX ASSESMENT FOR HANDLING AND STORAGE OF CARGO AT PORT INDUSTRY IN MALAYSIA. SUBMITTED TO SAGE OPEN (UNDER REVIEW).	UFA	Q2	IF 0.250
	4	KADIR, Z. A., <u>MOHAMMAD, R.</u> , OTHMAN, N., CHELLIAPAN, S. (2019). FUZZY RISK MATRIX ASSESMENT FOR PORT TERMINAL OPERATION. SUBMITTED TO TRANSPORTATION RESEARCH RECORD (UNDER REVIEW).	UFA	Q4	IF 0.670
	5	HARUN, M. F., <u>MOHAMMAD, R.</u> , AND KOTOUISOV, A.(2019). EFFECT OF WALL THINNING ON DEFORMATION AND FAILURE OF COPPER- NICKEL ALLOY ELBOWS SUBJECTED TO LOW CYCLE FATIGUE. SUBMITTED TO MATERIAL DESIGN & PROCESSING COMMUNICATION (UNDER REVIEW).	UFA	Q4	IF 0.14
2018	6	HARUN, M. F. AND <u>MOHAMMAD, R.</u> (2018). FATIGUE PROPERTIES OF JIS H3300 C1220 COPPER FOR STRAIN LIFE PREDICTION. AIP PUBLISHERS, 1958,020001, ISSN 1551-7616.	UFA	Q4	IF 0.18
2018	7	KHAIR, K., MOHAMED, Z., <u>MOHAMMAD, R.</u> , FAROUK, H. AND AHMED, M. E. (2018). A MANAGEMENT FRAMEWORK TO REDUCE DELAYS IN ROAD CONSTRUCTION PROJECTS IN SUDAN. ARAB JOURNAL SCIENCE ENGINEERING, 43, 1925-1940.	CoA	Q2	IF 0.32
2016	8	KHAIR, K., FAROUK, H., MOHAMED, Z. AND <u>MOHAMMAD, R.</u> (2016). CAUSES AND EFFECTS OF DELAY FACTORS IN ROAD CONSTRUCTION PROJECT IN SUDAN. INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH,11 (18), 9526-9533.	CoA	Q3	IF 0.12
2011	9	<u>MOHAMMAD, R.</u> , KOTOUISOV, A., CODRINGTON J.(2011) ANALYTICAL MODELLING OF A PIPE WITH FLOWING MEDIUM SUBJECTED TO AN IMPULSE LOAD. INTERNATIONAL JOURNAL OF IMPACT ENGINEERING, 38(2-3),115-122.	CorrA	Q1	IF 3.173

#### 4.2.2.2 SCOPUS INDEXED JOURNALS

UFA- UTM First Author; CorrA- Corresponding Author; CoA- Co-author

2020	1	MD NAZRIN BIN MUHAMAD, <u>ROSLINA MOHAMMAD</u> , NORAZLI OTHMAN AND ZURITAH A. KADIR (2020).RISK ASSESMENT OF ABRASIVE BLASTING ENVIRONMENT IN PRESSURE VESSEL FABRICATION PLANTS. JOURNAL OF ENVIRONMENTAL TREATMENT TECHNIQUE. 8(1), 455-470.	CorrA
	2	NOORAMIRAH NAJWA BORHANUDDIN, <u>ROSLINA MOHAMMAD</u> , NORAZLI OTHMAN AND ZURITAH A.KADIR (2020). ATTENDANCE MANAGEMENT SYSTEM ASSESMENT AND SUSTAINABILITY PERFORMANCE AT A TELECOMMUNICATION OPERATION CENTRE IN MALAYSIA. JOURNAL OF ENVIRONMENTAL TREATMENT TECHNIQUE. 8(1), 471-480.	CorrA
	3	AHMAD SUFIAN BIN HUZAINI, <u>ROSLINA MOHAMMAD</u> , NORAZLI OTHMAN AND ZURITAH A.KADIR (2020). EXPLORING OF OFFSHORE MEDICAL EMERGENCY RESPONSE SYSTEM CHALLENGES IN OIL AND GAS ENVIRONMENT. JOURNAL OF ENVIRONMENTAL TREATMENT TECHNIQUE. 8(1), 364-373.	CorrA
	4	NOR 'ADILAH MOHAMAD RAAZALI, <u>ROSLINA MOHAMMAD</u> , NORAZLI OTHMAN AND ZURITAH A.KADIR. (2020). STANDARD TIME OF IMPORT PAPERWORK CLEARANCE DEPARTMENT FOR SUSTAINABILITY ORGANIZATION PERFORMANCE IN FORWARDING COMPANY. JOURNAL OF ENVIRONMENTAL TREATMENT TECHNIQUE. 8(1), 504-520.	CorrA
	5	ELAMARAN MANOHARAN, NORAZLI OTHMAN, <u>ROSLINA MOHAMMAD</u> , SHREESHIVADASAN CHELLIAPAN AND SITI UZAIRIAAH MOHD TOBI (2020). INTEGRATED APPROACH AS SUSTAINABLE ENVIRONMENTAL TECHNIQUE FOR MANAGING CONSTRUCTION WASTE : A REVIEW. JOURNAL OF ENVIRONMENTAL TREATMENT TECHNIQUE. 8(2), 560-566.	CoA
2019	6	RAO, J., SARIP, S., MUHTAZARUDDIN, M.N., M. ARIS, S.A., SUHOT, M.A., HASSAN, M.Z., <u>MOHAMMAD, R.</u> , MD. DAUD. M.Y., ABDUL AZIZ., S., BANI, N.A., MAD KAIID, H., MOHAMED KUTTY, R., MOHD HASHIM, N.F., (2019), REALIBILITY MEASUREMENT OF TORQUE TRANSMISSION SYSTEM FOR SPICE MANUFACTURING PLANT, INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY, 8(1.7)(2019) 101-106, ISSN 2227-524X.	CoA
	7	ANUAR. L., AMRIN, A., TOOZANDEHJANI, M., <u>MOHAMMAD, R.</u> AND AZIZ, S.A (2019). DEVELOPMENT OF PROVING GROUND FIELD TEST FOR ESTABLHMENT OF VEHICLE ACCELERATED CORROSION TEST PROCEDURE IN MALAYSIA(2019). INTERNATIONAL JOURNAL OF AUTOMOTIVE AND MECHANICAL ENGINEERING, UMP PUBLISHER ,16(1),6348-6356, ISSN :2229-8649.	CoA
	8	S. SARIP, A.Q MOHD RADZI, T.S. HONG, <u>R.MOHAMMAD</u> , M.F. YAKUB, M.A. SUHOT, H.M. KAIID (2019). DEISGN, ANALYSIS AND FABRICATION OF UTM HYDRAULIC RAM PUMP FOR WATER SUPPLY IN REMOTE AREAS. INDONESIA JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, 17(1),213-221.	CoA
	9	ANUAR, L., AMRIN, A., <u>MOHAMMAD, R.</u> A. AZIZ, S., TOOZANDEHJANI, M. (2019). DEVELOPMENT OF PROVING GROUND FIELD TEST FOR ESTABLISHMENT OF VEHICLE ACCELERATED CORROSION TEST PROCEDURE IN MALAYSIA. INTERNATIONAL JOURNAL OF AUTOMOTIVE AND MECHANICAL ENGINEERING, 16 (1), 6346-6356.	CoA

- 2018 10 AMIN, Z., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S., AZIZ, S. A. AND AMRIN, A. (2018). RECENT REVIEW ON STANDARDS RELATED TO RISK ASSESSMENT FOR CONFINED SPACE. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY(IJMET) , 9(1), 950-969. UFA
- 11 AMIN, Z., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S., AZIZ, S. A. AND AMRIN, A. (2018). RECENT REVIEW ON LEGISLATIONS RELATED TO RISK ASSESSMENT FOR CONFINED SPACE. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY(IJMET) , 9(1), 934-949 UFA
- 12 HASAN, M., MAAROP, N., NARAYANA SAMY, G., MOHAMMAD, R., AZMI, N. F., HASSAN, N. H. AND ABDUL GHAFAR, N.(2018). MEASUREMENT TOOL FOR ASSESSING RESEARCH INFORMATION MANAGEMENT SYSTEM SUCCESS. JOURNAL OF TELECOMMUNICATION, ELECTRONIC AND COMPUTER ENGINEERING, 10 (3-2), 53-57, . E-ISSN: 2289-8131. CoA
- 13 AHMAD, I., CHELLIAPAN, S., OTHMAN, N., MOHAMMAD, R. AND KAMARUDIN, S.A. (2018).A REVIEW OF MUNICIPAL SOLID WASTE (MSW) LANDFILL MANAGEMENT AND TREATMENT OF LEACHATE. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET), 9 (5), 336–348. CoA
- 14 OSMAN, N. A., OTHMAN, N., MOHAMMAD, R. AND CHELLIAPAN, S. (2018). ELECTRONIC WASTEMANAGEMENT USING RECYCLING TECHNOLOGY:A LIFE CYCLE ASSESSMENT STUDY. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET),9(12), 839–849, ISSN:09766316. CoA
- 15 OSMAN, N. A., OTHMAN, N., MOHAMMAD, R. AND CHELLIAPAN, S. (2018). LIFE CYCLE ASSESSMENT STUDY FOR MANAGING ELECTRONIC WASTE USING LANDFILL TECHNOLOGY. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET),9(7), 542–549, ARTICLE ID: IJCIET\_09\_07\_056. CoA
- 16 SALUDIN, F. A., MAAROP, N., MOHAMMAD, R., ZAINUDDIN, N. M. M. (2018). A CONCEPTUAL MODEL ON WEBSITES DESIGN FEATURES FOR SELF-MANAGEMENT OF CHRONIC-DISEASES PATIENTS . INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET), SCIENCE PUBLISHING CORPORATION,7(4.36), 479-483. CoA
- 2017 17 HARUN, M. F., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S. AND AMRIN, A.(2017). METHODS FOR ESTIMATING THE FATIGUE PROPERTIES OF UNS C70600 COPPER-NICKEL 90/10. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY (IJMET) , 8(11),510-527. UFA
- 18 HARUN, M. F., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S. AND AMRIN, A.(2017). RECENT ADVANCEMENTS IN INVESTIGATIONS OF ELBOW PIPE FATIGUE UNDER VARIOUS LOADING CONDITIONS. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY. UFA
- 19 AMIN, Z., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S., AZIZ, S. A. AND AMRIN, A. (2017). A REVIEW ON GUIDELINES RELATED TO THE RISK ASSESSMENT OF A CONFINED SPACE. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY(IJMET) , 8(11),423-448. UFA
- 20 KADIR, Z. A., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S. AND AMRIN, A. (2017). REVIEW ON RISK, RISK ASSESSMENT TECHNIQUES, GUIDELINES AND FRAMEWORK IN PORT SAFETY. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY (IJMET) , 8(11),812-838. UFA
- 21 KADIR, Z. A., MOHAMMAD, R., OTHMAN, N., CHELLIAPAN, S. AND AMRIN, A. (2017). RISK ASSESSMENT OF HUMAN RISK FACTORS IN PORT ACCIDENTS. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY (IJMET), 8(11),535-551. UFA
- 22 SALUDIN, F. A., MAAROP, N., MOHAMMAD, R., ZAINUDDIN, N. M. M. (2017). A CONCEPTUAL FRAMEWORK ON WEBSITES DESIGN FEATURES FOR SELF-MANAGEMENT OF CHRONIC-DISEASES PATIENTS . ADVANCED SCIENCE LETTER, 22 (12), 1-10. CoA
- 23 SURAYA, M.N., ASTUTY, A., BADROL, A. AND ROSLINA, M. (2017). QUANTIFICATION OF CREEP DAMAGE BY ATOMIC FORCE MICROSCOPY. PROEDIA ENGINEERING, 184, 390-398. CoA
- 24 KHAIR, K., MOHAMED, Z., MOHAMMAD, R., FAROUK, H. AND AHMED, M. E. (2017).A MANAGEMENT FRAMEWORK TO REDUCE DELAYS IN ROAD CONSTRUCTION IN SUDAN. ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 1, 1-16. CoA
- 25 ABDALLA, A. O., AMRIN, A., MOHAMMAD, R. AND AZMAH HANIM, M.A. (2017). MICROSTRUCTURAL STUDY OF NEWLY DESIGNED TI-6AL-1FE ALLOY THROUGH DEFORMATION. SOLID STATE PHENOMENA, 264, 54-57. CoA
- 26 ANUAR, L., AMRIN, A., MOHAMMAD, R. AND OURDJINI, A. (2017). VEHICLE ACCELERATED CORROSION TEST PROCEDURES FOR AUTOMOTIVE IN MALAYSIA. MATERIALS SCIENCE, ENGINEERING AND CHEMISTRY(MATEC) WEB OF CONFERENCES, 90, 1-7. CoA
- 27 SURAYA, M. N., ASTUTY, A., HARIFFIN, B. AND ROSLINA, M. (2017). BEHAVIOUR OF T91 STEEL OXIDE SCALE EXPOSURE TO TEMPERATURE AT 540°C FOR DIFFERENT EXPOSURE DURATION. SOLID STATE PHENOMENA, 264, 160-164. CoA
- 28 OTHMAN, N., OSMAN, N. A., CHELLIAPAN, S. AND MOHAMMAD, R. (2017). LIFE CYCLE ASSESSMENT: A COMPARISON STUDY ON THE VARIOUS ELECTRONIC WASTE MANAGEMENT OPTION. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET), 8, 1177-1185. CoA
- 29 OTHMAN, N. LERK, L. L. AND CHELLIAPAN, MOHAMMAD, R. , S., ARIFF, M. N. AND NASRI, N. S. (2017). RISK ASSESSMENT AND CONTROL MEASURES FOR THE PRINTING INK PRODUCTION PROCESS. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET), 8(10), 41-55. CoA

30	OTHMAN, N. LERK, L. L. AND CHELLIAPAN, S. <u>MOHAMMAD, R.</u> AND NASRI, N. S. (2017). SAFETY AND HEALTH ISSUES DURING PRINTING INK PRODUCTION PROCESS. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET), 8(9), 942-954.	CoA
31	AKHIR, H. M., MAAROP, N., SAMY, G. N., MAGALINGAM, P., HASSAN, N. H. AND <u>MOHAMMAD, R.</u> (2017). A PROPOSED CONCEPTUAL SUCCESS MODEL FOR BYOD IMPLEMENTATION IN MALAYSIA GOVERNMENT (2017). ADVANCED SCIENCE LETTERS,23(11), 3201-3205.	CoA
32	MOHAMAD, Y. N. A., CHELLIAPAN, S., OTHMAN, N., <u>MOHAMMAD, R.</u> , KAMARUDDIN, S. A., NASRI, N. S. AND ZAINI, N. (2017). ECONOMIC AND EFFICIENCY INDICATORS IN NON-REVENUE WATER(NRW) PERFORMANCE. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING & TECHNOLOGY (IJCIET), 8(10), 1419-1431.	CoA
2016	33 ANUAR, M. A., AMRIN, A., <u>MOHAMMAD, R.</u> AND OURDJINI, A. (2016). VEHICLE ACCELERATED CORROSION TEST PROCEDURES FOR AUTOMOTIVE IN MALAYSIA. MATERIALS SCIENCE, ENGINEERING AND CHEMISTRY(MATEC), WEB OF CONFERENCES. EDP SCIENCES. 90(9001040),1-7. ISSN: 2261236X.	CoA
34	KHAIR, K., FAROUK, H., MOHAMED, Z. AND <u>MOHAMMAD, R.</u> (2016). CAUSE AND EFFECTS OF DELAY FACTORS IN ROAD CONSTRUCTION PROJECTS IN SUDAN. INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH,11(18), 9526- 9533. RESEARCH INDIA PUBLICATIONS. ISSN:0973-4562.	CoA
2015	35 <u>MOHAMMAD, R.</u> , SALAHUDIN, M. AND AMRIN, A.(2015). THEORETICAL OF DYNAMIC LOADING AGAINST WATER-FILLED SIMPLY SUPPORTED PIPES. JURNAL TEKNOLOGI (SCIENCES & ENGINEERING) 75(11), 143–150.	CorrA
36	OTHMAN, N., KAMARUDIN, A. K. AND <u>MOHAMMAD, R.</u> (2015). PREDICTION OF ELECTRONIC WASTE DISPOSALS FROM RESIDENTIAL AREAS IN MALAYSIA. JURNAL TEKNOLOGI (SCIENCES & ENGINEERING) 74(10), 1-6.	CoA
2012	37 <u>MOHAMMAD, R.</u> , KOTOUSOV, A. AND CODRINGTON, J.(2012). TRANSIENT RESPONSE FOR DIFFERENT SUPPORT OF PIPES WITH FLOWING MEDIUM SUBJECTED TO IMPULSE LOADING. ADVANCES IN APPLIED MECHANICS RESEARCH, CONFERENCE PROCEEDINGS - 7TH AUSTRALASIAN CONGRESS ON APPLIED MECHANICS, ACAM 2012. ISSN: 9781922107619. 646-656. NATIONAL COMMITTEE ON APPLIED MECHANICS.	CorrA
2011	38 <u>MOHAMMAD, R.</u> , KOTOUSOV, A., CODRINGTON, J., BLAZEWICZ, A.(2011). EFFECT OF FLOWING MEDIUM FOR A SIMPLY SUPPORTED PIPE SUBJECTED TO IMPULSE LOADING, SPECIAL ACAM6 ISSUE. AUSTRALIAN JOURNAL OF MECHANICAL ENGINEERING (AJME),8(2), 1-10.	CorrA
2009	39 KOTOUSOV, A. AND <u>MOHAMMAD, R.</u> (2009). ANALYTICAL MODELLING OF THE TRANSIENT DYNAMICS OF PIPES WITH FLOWING MEDIUM. JOURNAL OF PHYSICS, CONFERENCE SERIES.171,012082,8PP.	UFA

#### 4.2.2.3 SCOPUS INDEXED PROCEEDINGS

UFA- UTM First Author; CorrA- Corresponding Author; CoA- Co-author

2019	1 HARON, H., HUSSAIN, N.H., <u>MOHAMMAD, R.</u> , AHMAD, N., ABDUL TALIB,H., HASSAN, M.Z., MOHAMED KUTTY, R.,SARIP, S.(2019). GROOMING FUTURE SCIENTISTS AND ENGINEERS FROM THE ROOT THROUGH FUN LEARNING CONCEPT. IOP CONFERENCE SERIES: JOURNAL OF PHYSICS : CONFERENCE SERIES, 180(2017) 012003, ISSN:1742-6596.	CoA
2	ABD RAHIM, N., MOHAMED, Z., AMRIN, A., <u>MOHAMMAD, R.</u> , (2019). WOMEN’S DUAL ROLES AND CAREER GROWTH : A PRELIMINARY STUDY OF MALAYSIAN FEMALE TALENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY (SET), IOP CONFERENCE SERIES: JOURNAL OF PHYSICS : CONFERENCE SERIES, 180(2017) 012003, ISSN:1742-6596.	CoA
3	HARUN, M. F. AND <u>MOHAMMAD, R.</u> (2018). FATIGUE PROPERTIES OF JIS H3300 COPPER FOR STRAIN LIFE PREDICTION. AIP CONFERENCE PROCEEDINGS, 1958,020001, ISSN 1551-7616.	UFA

#### 4.2.2.4 NON-INDEXED JOURNAL

2020	1 AMIN, Z., <u>MOHAMMAD, R.</u> , OTHMAN, N. (2020). REVIEW AND COMPARISON OF CONFINED SPACE RISK ASSESSMENT TOOLS PRACTISED BY INDUSTRY CODE OF PRACTICE FOR SAFE WORKING IN CONFINED SPACE OF MALAYSIA, 2010 (ICOP 2010). JOURNAL OF ADVANCED RESEARCH IN BUSINESS AND MANAGEMENT STUDIES, 18 (1), 16-23. PENERBIT AKADEMIA BARU.	UFA
2020	2 KADIR, Z. A., <u>MOHAMMAD, R.</u> , OTHMAN, N. (2020). AN ADVANCED RISK MATRIX ANALYSIS APPROACH FOR SAFETY EVALUATION AT MAJOR PORTS IN MALAYSIA. JOURNAL OF ADVANCED RESEARCH IN BUSINESS AND MANAGEMENT STUDIES, 18 (1), 31-41. PENERBIT AKADEMIA BARU.	UFA
2019	3 HARUN, M.F., <u>MOHAMMAD, R.</u> AND KOTOUSOV, A. (2019). EFFECT OF WALL THINNING ON DEFORMATION AND FAILURE OF COPPER-NICKEL ALLOY ELBOWS SUBJECTED TO LOW CYCLE FATIGUE. MATERIAL DESIGN PROCESS COMMUNICATION, WILEY, 1-7.	CorrA
4	BORHANUDDIN, N. N., <u>MOHAMMAD, R.</u> AND A.KADIR, Z. (2019). IMPROVEMENT OF ATTENDANCE MANAGEMENT SYSTEM AT A TELECOMMUNICATION OPERATION CENTRE IN MALAYSIA. OPEN INTERNATIONAL JOURNAL OF INFORMATICS (OIJ), 7(2), 33-42.	UFA
5	M. RAAZALI, N. A., <u>MOHAMMAD, R.</u> AND A.KADIR, Z. (2019). IMPROVEMENT OF ATTENDANCE MANAGEMENT SYSTEM AT A TELECOMMUNICATION OPERATION CENTRE IN MALAYSIA. OPEN INTERNATIONAL JOURNAL OF INFORMATICS (OIJ), 7(2), 22-32.	UFA

2017	6	SALLEH, A., <u>MOHAMMAD, R.</u> , AND TALIB, H. H.(2017). ACCIDENT RATE MANUFACTURING PLANT A CASE STUDY AT THE PULP AND PAPER INDUSTRY IN EAST COAST MALAYSIA. JOURNAL OF ADVANCED RESEARCH IN SOCIAL AND BEHAVIOURAL SCIENCES,PENERBIT AKDEmia BARU , 7(1),10-19.ISSN: 24621951.	UFA
	7	MATSUURA, Y., AMRIN, A. AND <u>MOHAMMAD, R.</u> (2017). THE ISSUE OF UNINSURED WORKERS IN CONSTRUCTION INDUSTRY IN JAPAN. JOURNAL OF ADVANCED RESEARCH IN BUSINESS AND MANAGEMENT STUDIES. PENERBIT AKDEmia BARU, 8(2),73-77.ISSN: 24621935.	CoA
2015	8	<u>MOHAMMAD, R.</u> , SHARIFI, F., SHARIFI, D., OTHMAN, N., KADIR, Z. A. (2015). TARGETING METHOD OF HEAT EXCHAGER NETWORK IN OLEFIN UNIT OF OIL REFINERY. JOURNAL OF ADVANCED RESEARCH DESIGN, 13 (1), 1-15. PENERBIT AKADEmia BARU.	Corra
	9	<u>MOHAMMAD, R.</u> , SHARIFI, F., SHARIFI, D., OTHMAN, N., KADIR, Z. A. (2015). OPTIMIZATION OF HEAT EXCHANGER NETWORK IN OLEFIN UNIT OF OIL REFINERY. JOURNAL OF ADVANCED RESEARCH DESIGN, 13 (1), 1-16. PENERBIT AKADEmia BARU.	Corra
	10	<u>MOHAMMAD, R.</u> , SHARIFI, F., SHARIFI, D., OTHMAN, N., KADIR, Z. A. (2015). DESIGN OF HEAT EXCHAGER NETWORK IN OLEFIN UNIT OF OIL REFINERY. JOURNAL OF ADVANCED RESEARCH DESIGN, 12 (1), 21-34. PENERBIT AKADEmia BARU.	Corra
	11	AMIN, Z., <u>MOHAMMAD, R.</u> , ABDUL AZIZ, S. AND OTHMAN, N. (2015). WORKER’S SAFETY INJURY ACCIDENT IN METAL FABRICATION INDUSTRY. JOURNAL OF ADVANCED RESEARCH DESIGN IN APPLIED SCIENCE AND ENGINEERING TECHNOLOGY, 1 (1), 1-12. PENERBIT AKADEmia BARU.	UFA
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	13	KADIR, Z. A., <u>MOHAMMAD, R.</u> AND OTHMAN, N. (2015). SIX SIGMA APPROACH IN SAFETY PERFORMANCE AT TRANSPORT LOGISTICS INDUSTRY. JOURNAL OF ADVANCED RESEARCH DESIGN, 13 (1), 25-35. PENERBIT AKADEmia BARU.	UFA
	14	OTHMAN, N., <u>MOHAMMAD, R.</u> , NOR AZLIN, E. B. AND MUHD NOOR, M. Y. (2015). DEVELOPING AN INTERGRATED ELECTRONIC WASTE MANAGEMENT APPROACH IN MALAYSIA. JOURNAL OF ADVANCED RESEARCH IN BUSINESS AND MANAGEMENT STUDIES, 1 (1), 5-13. PENERBIT AKADEmia BARU.	UFA

#### 4.2.2.4 CONFERENCE PAPER

2019	1	KADIR., Z.A., <u>MOHAMMAD, R.</u> AND OTHMAN, N. (2019). AN ADVANCED RISK MATRIX ANALYSIS APPROACH FOR SAFETY EVALUATION AT MAJOR PORTS IN MALAYSIA. 8TH ICEBM INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT, 1-9.ROYALE CHULAN, KUALA LUMPUR, 3-4 AUGUST 2019.	UFA
	2	KADIR., Z.A., <u>MOHAMMAD, R.</u> AND OTHMAN, N. (2019). AN ADVANCED RISK MATRIX ANALYSIS APPROACH FOR SAFETY EVALUATION AT MAJOR PORTS IN MALAYSIA. PROCEEDINGS OF 8TH ICEBM INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT, 1-9.ROYALE CHULAN, KUALA LUMPUR, 3-4 AUGUST 2019, 53-57.	UFA
	3	AMIN, Z. AND <u>MOHAMMAD, R.</u> (2019). COMPATIBILITY ANALYSIS ON THE RISK ASSESSMENT TOOLS PROPOSED TO INDUSTRY CODE OF PRACTICE FOR SAFE WORKING IN CONFINED SPACE OF MALAYSIA, 2010 (ICOP 2010). PROCEEDING OF 8TH ICEBM INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT,ROYALE CHULAN, KUALA LUMPUR, 3-4 AUGUST 2019, 58-61.	UFA
	4	AMIN, Z. AND <u>MOHAMMAD, R.</u> (2019). REVIEW AND COMPARISON OF CONFINED SPACE RISK ASSESSMENT TOOLS PRACTISED BY INDUSTRY CODE OF PRACTICE FOR SAFE WORKING IN CONFINED SPACE OF MALAYSIA, 2010 (ICOP 2010). 8TH ICEBM INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT, 1-9.ROYALE CHULAN, KUALA LUMPUR, 3-4 AUGUST 2019.	UFA
	5	NOORAMIRAH NAJWA BORHANUDDIN, <u>ROSLINA MOHAMMAD</u> AND ZURITAH A.KADIR (2019). EFFECT OF ABSENTEEISM RATE TOWARDS WORK PERFORMANCE AT TELECOMMUNICATION OPERATION CENTRE IN MALAYSIA. CONFERENCE PROCEEDINGS OF INTERNATIONAL PROFESSIONAL DOCTORATE SYMPOSIUM 2019 (IPDocS 2019), UTM KUALA LUMPUR, 30 NOVEMBER 2019,EXTENDED ABSTRACT,47-50 .	UFA
	6	NOR ‘ADILAH MOHAMAD RAAZALI , <u>ROSLINA MOHAMMAD</u> AND ZURITAH A.KADIR(2019). STANDARD TIME FOR PAPERWORK CLEARANCE IN AN IMPORT CLEARANCE DEPARTMENT IN A FORWARDING COMPANY. INTERNATIONAL PROFESSIONAL DOCTORATE SYMPOSIUM 2019 (IPDocS 2019), UTM KUALA LUMPUR, 30 NOVEMBER 2019.	UFA
	7	NOORAMIRAH NAJWA BORHANUDDIN, <u>ROSLINA MOHAMMAD</u> AND ZURITAH A.KADIR (2019). ATTENDANCE MANAGEMENT SYSTEM ASSESSMENT AND PERFORMANCE AT A TELECOMMUNICATION OPERATION CENTRE IN MALAYSIA. INTERNATIONAL PROFESSIONAL DOCTORATE SYMPOSIUM 2019 (IPDocS 2019), UTM KUALA LUMPUR, 30 NOVEMBER 2019.	UFA
2018	8	KADIR., Z.A., <u>MOHAMMAD, R.</u> AND OTHMAN, N. (2018). IMPLEMENTATION OF RISK MANAGEMENT FRAMEWORK AT MULTIPURPOSE PORT INDUSTRIES IN MALAYSIA. 4TH ICRQE & 7TH ICEBM INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING &ENGINEERING BUSINESS MANAGEMENT, 1-9.UTM KUALA LUMPUR, 4-5 AUGUST 2018.	UFA

	9	NOOR HAMIZAH HUSSAIN, HABIBAH @ NOREHAN HARON, HAYATI @ HABIBAH ABDUL TALIB, <u>ROSLINA MOHAMMAD</u> , NORULHUSNA AHMAD AND SHAMSUL SARIP. (2018). FUN LEARNING TOY LIBRARY AS A PASSAGE TO SHAPE FUTURE SCIENTISTS AND ENGINEERS. UTM ACADEMIC LEADERSHIP (UTMLEAD).	CoA
	10	HABIBAH @ NOREHAN HARON, HAYATI HABIBAH ABDUL TALIB, <u>ROSLINA MOHAMMAD</u> , NOOR HAMIZAH HUSSAIN & NORUL HUSNA AHMAD (2018). GROOMING FUTURE SCIENTISTS AND ENGINEERS FROM THE ROOT THROUGH FUN LEARNING CONCEPT. THE 2ND INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY, 1-8, KUALA LUMPUR CONVENTION CENTRE, 17-19 JANUARY 2019, KUALA LUMPUR.	CoA
	11	NOORLIZAWATI ABD RAHIM, ZAINAI B. MOHAMED, ASTUTY AMRIN AND <u>ROSLINA MOHAMMAD</u> (2018). WOMEN DUAL ROLES AND CAREER GROWTH: A PRELIMINARY STUDY OF MALAYSIAN FEMALE TALENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY (SET). THE 2ND INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY, 1-10, KUALA LUMPUR CONVENTION CENTRE, 17-19 JANUARY 2019, KUALA LUMPUR.	CoA
2017	12	HARUN, M. F. AND <u>MOHAMMAD, R.</u> (2017). METHODS FOR ESTIMATING FATIGUE PROPERTIES APPLIED TO JIS H3300 C1220 COPPER. 3RD INTERNATIONAL CONFERENCE ON THE SCIENCE AND ENGINEERING OF MATERIALS (ICOSEM), 1-8, HOTEL ARMADA PETALING, JAYA SELANGOR, 24/10/2017, UNIVERSITY OF MALAYA.	UFA
	13	GHAZALI, N. I. AND <u>MOHAMMAD, R.</u> (2017). WORK-RELATED LOW BACK PAIN AMONG MAINTENANCE TECHNICIAN OF FIGHTER JET. PROCEEDINGS OF THE 1ST MASTER PROJECT SYMPOSIUM ON OCCUPATIONAL SAFETY AND HEALTH, 196-207, 13 – 15TH DECEMBER 2016 UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR. ISBN: 978-967-13383-6-0.	UFA
	14	ITAM, M. F., AMRIN, A. AND <u>MOHAMMAD, R.</u> (2017). RISK OF INSECTICIDES EXPOSURE ON FOGGERS IN JABATAN KESIHATAN NEGERI KEDAH. PROCEEDINGS OF THE 1ST MASTER PROJECT SYMPOSIUM ON OCCUPATIONAL SAFETY AND HEALTH, 135-140, 13 – 15TH DECEMBER 2016 UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR. ISBN: 978-967-13383-6-0.	CoA
	15	OTHMAN, N., OSMAN, N. A., CHELLIAPAN, S. AND <u>MOHAMMAD, R.</u> (2017). ELECTRONIC WASTE MANAGEMENT USING RECYCLING TECHNOLOGY: A LIFE CYCLE ASSESSMENT STUDY. INTERNATIONAL CONFERENCE OF ANALYTICAL SCIENCES (SKAM30), 51, 26-29 AUGUST 2017, HATTEN HOTEL, BANDAR HILIR, MELAKA.	CoA
	16	OTHMAN, N., OSMAN, N. A., CHELLIAPAN, S. AND <u>MOHAMMAD, R.</u> (2017). LIFE CYCLE ASSESSMENT STUDY FOR MANAGING ELECTRONIC WASTE USING LANDFILL TECHNOLOGY. INTERNATIONAL CONFERENCE OF ANALYTICAL SCIENCES (SKAM30), 51, 26-29 AUGUST 2017, HATTEN HOTEL, BANDAR HILIR, MELAKA.	CoA
	17	OTHMAN, N., OSMAN, N. A., CHELLIAPAN, S. AND <u>MOHAMMAD, R.</u> (2017). COMPARATIVE CONTENT OF HARMFUL SUBSTANCES CONTAINED IN THE RAW MATERIAL FOR VARIOUS TYPES OF PRINTING INK. 6TH MANAGEMENT AND SCIENCE INTERNATIONAL CONFERENCE ON ENGINEERING, TECHNOLOGY (ICETMS 2017), 29-34, 27-28 NOVEMBER 2017, HYATT PLACE HOTEL, DUBAI, UAE.	CoA
	18	ISHAK, S., ARIFF, N. M., OTHMAN, N. AND <u>MOHAMMAD, R.</u> (2017). MILESTONE PAYMENT AND MONTHLY PROGRESS PAYMENT FOR CONTRACTOR: A PROJECT PERFORMANCE COMPARISON STUDY. 1ST INTERNATIONAL CONFERENCE ON SUSTAINABLE INFRASTRUCTURE AND ENGINEERING 2017, UTMRS 1ST INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGY 2017 (UTMRS-ICAT 2017), 32-34, 10TH OCTOBER 2017, RENAISSANCE HOTEL, KUALA LUMPUR.	CoA
	19	SALUDIN, F. A., MAAROP, N., <u>MOHAMMAD, R.</u> , ZAINUDDIN, N. M. M. (2017). A CONCEPTUAL FRAMEWORK ON WEBSITES DESIGN FEATURES FOR SELF-MANAGEMENT OF CHRONIC-DISEASES PATIENTS. THE SEVENTH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND MULTIMEDIA 2017. UNITEN, BANGI MALAYSIA, 08/11/2017.	CoA
2016	20	AMIN, Z., <u>MOHAMMAD, R.</u> AND OTHMAN, N. (2016). A REVIEW ON THE LEGISLATIONS RELATED TO RISK ASSESSMENT FOR CONFINED SPACE. THE 4TH SCIENTIFIC CONFERENCE ON OCCUPATIONAL SAFETY AND HEALTH (SCICOSH 2016), 1-11, PERSADA JOHOR, 14/12/2016-17/12/2016.	UFA
	21	<u>MOHAMMAD, R.</u> , AMIN, Z. AND OTHMAN, N. (2016) A REVIEW ON THE STANDARDS RELATED TO RISK ASSESSMENT FOR CONFINED SPACE. JURNAL TEKNOLOGI, THE 4TH SCIENTIFIC CONFERENCE ON OCCUPATIONAL SAFETY AND HEALTH (SCICOSH 2016), PERSADA JOHOR, 14/12/2016-17/12/2016, 1-11.	CorrA
	22	KADIR, Z. A., <u>MOHAMMAD, R.</u> AND OTHMAN, N. (2016). REVIEW ON RISK ASSESSMENT GUIDELINES AND FRAMEWORK IN PORT SAFETY. THE 4TH SCIENTIFIC CONFERENCE ON OCCUPATIONAL SAFETY AND HEALTH (SCICOSH 2016), JURNAL TEKNOLOGI, PERSADA JOHOR, 14/12/2016-17/12/2016, 1-11.	UFA
	23	HARON, H., ALI, R., ABDULLAH, M., HUSSAIN, N. H., RADIN, S. K., TALIB, H. A. AND <u>MOHAMMAD, ROSLINA</u> . (2016). ENGINEERING PROFESSIONAL EDUCATION TOWARDS MULTIVERSITY MODEL. TSK/ UET APEN-JAIF MULTIVERSITY SEMINAR I-HRD CONFERENCE 2016. HANOI, VIETNAM, 7/10/2016. APEN JAIF.	CoA
	24	HARON, H., ALI, R., ABDULLAH, M., HUSSAIN, N. H., RADIN, S. K., TALIB, H. A., MOHAMED, Z. AND <u>MOHAMMAD, R.</u> (2016). APEN-JAIF MULTIVERSITY MALAYSIA. APEN-JAIF MULTIVERSITY I-HRD CONFERENCE 2016. UTM - APEN JAIF. AMS8- AMS8, UTM KUALA LUMPUR, MALAYSIA, 25-26/7/2016.	CoA
	25	HARON, H., ALI, R., ABDULLAH, M., HUSSAIN, N. H., RADIN, S. K., TALIB, H. A., MOHAMED, Z., YUSOF, M. A. AND <u>MOHAMMAD, R.</u> (2016). APEN-JAIF MULTIVERSITY MALAYSIA. UBD-APEN JAIF MULTIVERSITY SEMINAR 2016, 1-47, BRUNEI, 14/11/2016.	CoA



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- 27 ANUAR, L., AMRIN, A., MOHAMMAD, R. AND OURDJINI, A. (2016).DESIGN & CONSTRUCTION OF FACILITIES FOR VEHICLE ACCELERATED CORROSION TEST IN MALAYSIA. INTERNATIONAL CONFERENCE OF SCIENCE,ENGINEERING AND SOCIAL SCIENCE (ICSEMSS 2016),1-8, 6-7 OCTOBER 2016. CoA
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- 31 ANUAR, L., AMRIN, A., MOHAMMAD, R., AND OURDJINI, A.(2016). VEHICLE ACCELERATED CORROSION TEST PROCEDURES FOR AUTOMOTIVE IN MALAYSIA. INTERNATIONAL CONFERENCE OF AUTOMOTIVE, GREEN AND ENERGY VEHICLE(AIGEV 2016), MATEC WEB OF CONFERENCE. MALAYSIA AUTOMOTIVE INSTITUTE (MAI) CYBERJAYA, 2-3/8/2016, 90,01040,1-7. CoA
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- 2015 36 AMIN, Z. AND MOHAMMAD, R. AND ABDUL AZIZ, S. AND OTHMAN, N. (2015). WORKERS' SAFETY AWARENESS LEVEL ON HAND RELATED INJURY ACCIDENT IN METAL FABRICATION INDUSTRY. IN: PROCEEDINGS OF THE 4TH WORLD VIRTUAL CONFERENCE ON APPLIED SCIENCES & ENGINEERING APPLICATIONS, 28-30 NOV, 2015, KUALA LUMPUR, MALAYSIA. UFA
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- 2010 41 MOHAMMAD, R., KOTOUSOV, A. AND CODRINGTON, J.(2010). DYNAMIC BEHAVIOUR OF TRANSPORTING LIQUID UNDER IMPULSE LOADING. 6TH AUSTRALASIAN CONGRESS ON APPLIED MECHANICS, (ACAM 6); 2010 DEC. 10–12; PERTH (AUSTRALIA). CoA
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	2	HUZAINI, A. S., <u>MOHAMMAD, R.</u> , OTHMAN, N. AND AMRIN, A. (2016). OFFSHORE MEDICAL EMERGENCY RESPONSE SYSTEM CHALLENGES. RISK MANAGEMENT TOWARDS SAFE PRACTICES. PUSTAKA SISTEM PELAJARAN SDN. BHD. 137-162, ISSN :978-967-330-176-8.1.	UFA
	3	AZWAN, N. I., OTHMAN, N., AND <u>MOHAMMAD, R.</u> (2016). AWARENESS ON HOSPITAL ISOLATION ROOM STAFF TOWARDS AIR QUALITY FROM AIR PARTICLE. RISK MANAGEMENT TOWARDS SAFE PRACTICES. PUSTAKA SISTEM PELAJARAN SDN. BHD. 978-967-330-176-8.79-104.	CoA
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2013	6	<u>MOHAMMAD, R.</u> (2013). DYNAMIC BEHAVIOR OF A PIPE WITH FLOWING MEDIUM SUBJECTED TO AN IMPULSE LOAD. ADVANCES IN STRUCTURE ANALYSIS FOR VEHICLE. PENERBIT UTM PRESS.	CorrA

#### 4.2.2.5 BOOK CHAPTER

2018	1	ALI, N. R. M., TALIB, H., ZAINUDDIN, S.Z., HARON, H., KAMARUDDIN, S. A., <u>MOHAMMAD, R.</u> , ARIS, S.A.M., S. A. RAHMAN, S. A., MUHTAZARUDDIN, M. N., SALIM, F., AZIZ, S., SARIP, S. AND HASHIM, N. F. (2018). PROCEEDING OF THE 2ND MASTER PROJECT SYMPOSIUM.1-207, UTM RAZAK SCHOOL. ISBN: 978-967-15384-7-0.	CoA
2017	2	TALIB, H.A., <u>MOHAMMAD, R.</u> , SALIM, F., AZIZ, S. A., ARIZ, S. A.M., HARON, H., MUHTAZARUDDIN, M. N., ALI, N. R.M., MUHAMAD, R., KAMARUDDIN, S.A., SHARIP, S., SYED, A. R. S.A. AND ZAINUDIN S. Z. (2017). PROCEEDING OF THE 1ST MASTER PROJECT SYMPOSIUM ON OCCUPATIONAL SAFETY AND HEALTH.1-213, UTM RAZAK SCHOOL. ISBN: 9789671338360.	CoA
	3	TALIB, H.A., <u>MOHAMMAD, R.</u> , SALIM, F., AZIZ, S. A., ARIZ, S. A.M., HARON, H., MUHTAZARUDDIN, M. N., ALI, N. R.M., MUHAMAD, R., KAMARUDDIN, S.A., SHARIP, S., SYED, A. R. S.A. AND ZAINUDIN S. Z. (2017). THE 1ST MASTER PROJECT SYMPOSIUM. PROCEEDINGS OF THE 1ST MASTER PROJECT SYMPOSIUM ON SYSTEM ENGINEERING AND PROFESSIONAL SCIENCE. ISBN: 978-967-13383-5-3.1-139. UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY.	CoA
	4	AZIZ, A. S., YUSOF, N., MUHTAZARUDDIN, N., <u>MOHAMMAD, R.</u> , TALIB, H.A., HARON, H., SHARIP, S., AND HUSSAIN, N. S. (2017). PROCEEDINGS OF INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2017) RAZAK SCHOOL OF UTM IN ENGINEERING AND ADVANCED TECHNOLOGY 978-967-13383-9-1, 49.	CoA

#### 4.2.2.6 EXPERT REPORTS

2017	1	CLASIFIED/TECHNICAL REPORT. HARON, H., ALI, R., ABDULLAH, M., HUSSAIN, N. H., RADIN, S. K., TALIB, H. A., MOHAMED, Z. AND <u>MOHAMMAD, R.</u> (2017). MULTIVERSITY FINAL REPORT PART I . APEN JAIF, 1-25.	CoA
	2	CLASIFIED/TECHNICAL REPORT. HARON, H., ALI, R., ABDULLAH, M., HUSSAIN, N. H., RADIN, S. K., TALIB, H. A., MOHAMED, Z. AND <u>MOHAMMAD, R.</u> (2017). PROJECT FINAL REPORT PART III. APEN JAIF , AIIT JAPAN, 1-180.	CoA
2016	3	CLASIFIED/TECHNICAL REPORT. HARON, N., TALIB, H. A., <u>MOHAMMAD, R.</u> AND HUSSAIN, N. H. (2016). APEN-JAIF MULTIVERSITY PROJECT. 1-20, 14/4/2016.	CoA

### 5.0 TEACHING AND SUPERVISION

#### 5.1 TEACHING CREDIT

##### 5.1.1 UNDERGRADUATE COURSES TAUGHT

2016/2017	1	SMJP 4303	NON-DESTRUCTIVE TEST TECHNOLOGY	3
2015/2016	2	SMJP 4303	NON-DESTRUCTIVE TEST TECHNOLOGY	3
	3	DDPJ 2203	DYNAMICS	3
	4	DDPJ 3504	MECHANICAL DESIGN PROJECT	4

	5	SRSI 1203	MATERIAL AND MANUFACTURING PROCESS	3
	6	SRSI 2915	INDUSTRIAL TRAINING BACHELOR DEGREE OF ENGINEERING DESIGN	5
2014/2015	7	DDPJ 2203	DYNAMICS	3
	8	SRSD 2093	ENGINEERING MECHANICS	3
	9	DDPJ 2203	DYNAMICS	3
	10	DDPT 3504	AERONAUTICAL DESIGN PROJECT	4
2013/2014	11	DDPJ 2202	DYNAMICS	2
	12	SRSI 3015	INDUSTRY DESIGN V	5
	13	DDPJ 2203	DYNAMICS	3
	14	SRSI 3015	INDUSTRY DESIGN V	5
2012/2013	15	SRSI 2013	ENGINEERING SCIENCE	3
	16	SRSI 3015	INDUSTRY DESIGN V	5
	17	DDPJ 2203	DYNAMICS	3
	18	DDPJ2203	DYNAMICS	3
2011/2012	19	SME 2921	LABORATORY II	1
	20	DDPJ 2203	DYNAMICS	3
	21	SME 2113	SOLID MECHANICS 1	3
	22	SKMM 1113	SOLID MECHANICS 1	3
2007/2008	23	DDJ 2103	SOLID MECHANICS 1	3
	24	DDJ 1503	ENGINEERING DRAWING	3
	25	DDJ 1922	INSTRUMENTATION MEASUREMENT AND CONTROL	2
2006/2007	26	DDJ 1922	INSTRUMENTATION MEASUREMENT AND CONTROL	2
	27	DDJ 2103	SOLID MECHANICS 1	3
<b>TOTAL CREDIT HOUR</b>				<b>86</b>

### 5.1.2 POSTGRADUATE COURSE TAUGHT

2019/2020	1	MRSF 2233	FLUID POWER	3
	2	URSP 0013	RESEARCH METHODOLOGY	3
	3	MRSF 1233	ENGINEERING DESIGN PROCESS & METHODOLOGY	3
2018/2019	4	MRSF 1213	ENGINEERING DESIGN OPTIMIZATION	3
	5	MRSF 1233	ENGINEERING DESIGN PROCESS AND METHODOLOGY	3
	6	MRSF 1243	MATERIALS SELECTION AND MANUFACTURING PROCESS	3
	7	MRSF 2233	FLUID POWER	3
2017/2018	8	MRSE 2593	TECHNOLOGY MANAGEMENT	3
	9	MRSF 1223	TECHNOVATION MANAGEMENT	3
	10	MRSF 2213	AUTOMATIVE ENGINEERING DESIGN	3
	11	MRSF 2603	CREATIVITY AND INNOVATION MANAGEMENT	3
	12	MRSF 1243	MATERIALS SELECTION AND MANUFACTURING PROCESS	3
	13	MRSF 1233	ENGINEERING DESIGN PROCESS & METHODOLOGY	3
	14	MRSE 2593	TECHNOLOGY MANAGEMENT	3
2016/2017	15	URSP 0013	RESEARCH METHODOLOGY	3
	16	MRSA 1033	SAFETY ENGINEERING	3
	17	MRSL 1123	ENGINEERING MANAGEMENT, SAFETY AND ECONOMY	3
	18	MRSE 2593	TECHNOLOGY MANAGEMENT	3
	19	MRSQ 2103	MATERIAL SCIENCE	3
	20	URSP 0013	RESEARCH METHODOLOGY	3
	21	MRSF 2233	FLUID POWER	3
	22	UMJP 0010	RESEARCH METHODOLOGY	3
2015/2016	23	MRSE 2563	MAINTENANCE MANAGEMENT	3
	24	URSP 0010	RESEARCH METHODOLOGY	3
	25	URSP 0013	RESEARCH METHODOLOGY	3
2013/2014	26	UDP 0010	RESEARCH METHODOLOGY	3
<b>TOTAL CREDIT HOUR</b>				<b>78</b>

### 5.2 SUPERVISION

#### 5.2.1 ON-GOING PHD STUDENT (AS MAIN SUPERVISOR)

1	ZAMREE BIN AMIN (ENGINEERING DOCTORATE)	RISK ASSESSMENT TOOLS FOR CONFINED SPACE ENTRIES IN MALAYSIAN INDUSTRY
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2	FRANKA HENDRA SUKMA (DOCTOR OF PHILOSOPHY)	RISK ASSESSMENT FRAMEWORK AT RAILWAY TRANSPORTATION CENTRE IN INDONESIA (INTERNATIONAL STUDENT)
3	ABDUL RAZIF ABDUL KARIM (DOCTOR OF PHILOSOPHY)	SECURITY AND RISK BASED MODELS OF CONTINGENT THREAT AT SEAPORT IN MALAYSIA
4	ARVINTHAN A/L VENUGOPAL (DOCTOR OF PHILOSOPHY)	EFFECT OF WALL THINNING ON DEFORMATION AND FAILURE OF COPPER-NICKEL ALLOY ELBOWS SUBJECTED TO LOW CYCLE FATIGUE
5	MD MOSHIUL ALAM (DOCTOR OF PHILOSOPHY)	FACTORS INFLUENCING ADOPTION OF INDUSTRIAL INTERNET OF THINGS (IIOT) IN MALAYSIAN MARITIME INDUSTRY (INTERNATIONAL STUDENT)
6	MOHAMED IBRAHIM OSMAN ABEDELGADIR (ENGINEERING DOCTORATE)	OPERATIONAL EXCELLENCE FRAMEWORK FOR ORGANIZATIONAL PERFORMANCE IMPROVEMENT IN SUDANESE AVIATION INDUSTRY (INTERNATIONAL STUDENT)
7	MOHD NOOR FAHMI WICHI (ENGINEERING DOCTORATE)	RISK ASSESSMENT ON ABOVEGROUND STORAGE TANK (AST) ON ASSET RELIABILITY.

### 5.2.2 ON-GOING PHD STUDENT (AS CO-SUPERVISOR)

1	NURUL AINI OSMAN (DOCTOR OF PHILOSOPHY)	AN ASSESSMENT OF CRT AND LCD WASTE THROUGH THE HOUSEHOLD E-WASTE MANAGEMENT SYSTEM IN MALAYSIA NBSP
2	LOGANATHAN RADZAKRISHNAN (ENGINEERING DOCTORATE)	WELLHEAD CONDUCTOR INTEGRITY MANAGEMENT OF AGEING OFSHORE WELL LIFE EXTENSION NBSP
3	ELAMARAN A/L MANOHARAN (UTM FAST TRACK DOCTOR OF PHILOSOPHY)	LIFE CYCLE ASSESSMENT (LCA) OF INTEGRATED CONSTRUCTION E-WASTE MANAGEMENT IN MALAYSIA

### 5.2.3 ON-GOING MASTER STUDENTS (COURSE WORK & MIX-MODE)

MOHD FAHMI MOHD YUSOF (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	MUSCULOSKELETAL DISORDERS (MSD) AND FACTORS AMONG HOUSEKEEPING WORKERS IN IMPIANA KLCC KUALA LUMPUR
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### 5.2.4 ON-GOING EXECUTIVE DIPLOMA STUDENTS (PROJECT)

MUHAMAD AZIZI MANSUR EXECUTIVE DIPLOMA (OCCUPATIONAL SAFETY & HEALTH)	WORKING HAZARD HEALTH AND SAFETY FOR SECURITY STAFF AT UNIVERSITI PERTAHANAN NASIONAL MALAYSIA
EMIELIA HUDA BINTI ZAKARIA EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	KAJIAN PENAMBAHBAIKAN DAN KEFAHAMAN AMALAN 5S DI BENGKEL SUPPORTRANS SDN BHD
NUR AZNI BINTI ABDUL HAMID EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	KAJIAN PENAMBAHBAIKAN SISTEM PENTADBIRAN OPERASI DI TEMPAT KERJA MENGGUNAKAN AMALAN 5S

### 5.2.5 GRADUATED PHD STUDENTS (AS MAIN SUPERVISOR)

2019	1	DOCTOR OF PHILOSOPHY	MUHAMMAD FAIZ BIN HARUN	LOW CYCLE FATIGUE LIFE EVALUATION OF LOCAL THIN WALLED COPPER ELBOW PIPE	<b>GOT</b> (7 SEMESTER)
2019	2	DOCTOR OF PHILOSOPHY	ZURITAH A.KADIR	RISK MANAGEMENT FRAMEWORK OF HANDLING AND STORAGE OF CARGO AT PORT IN MALAYSIA <b>MERIT THESIS AWARD</b>	<b>GOT</b> (7 SEMESTER)

### 5.2.6 GRADUATED PHD STUDENT (AS CO- SUPERVISOR)

2019	1	MOHAMMED HASSAN SALIH NOR ELDIEN (DOCTOR OF PHILOSOPHY)	PERFORMANCE INDICATORS FOR (HVAC) HEATING, VENTILATION AND AIR CONDITIONING SYSTEM MAINTENANCE	
2019	2	SURAYA BINTI MOHAMAD NADZIR (DOCTOR OF PHILOSOPHY)	DEVELOPMENT OF GUIDELINE TO ASSESS LIFE OF T91 SUPERHEATER TUBES SUBJECTED TO STEAM OXIDATION IN SUPERCRITICAL BOILER	<b>GOT</b> (6 SEMESTER)
2016	3	KHALID MOHAMED KHAIR MOHAMED (ENGINEERING DOCTORATE)	A FRAMEWORK TO MINIMIZE TIME DELAY IN ROAD CONSTRUCTION PROJECTS IN SUDAN	

### 5.2.7 GRADUATED MASTER STUDENTS (AS MAIN SUPERVISOR)

2015	FOAD SHARIFI (MASTER OF PHILOSOPHY)	DESIGN AND OPTIMIZATION OF HEAT EXCHANGER NETWORK IN OLEFIN UNIT OF OIL REFINERY
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### 5.2.8 GRADUATED MASTER STUDENTS (COURSE WORK & MIX-MODE)

2019	1	SITI HANISAH ZAINUDDIN (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	ENHANCE WASTAGE MANAGEMENT AT PLANET NASI KUKUS IN SHAH ALAM, SELANGOR
	2	MOHD FAHMI MOHD YUSOF (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	WORK-RELATED LOW BACK PAIN AMONG HOUSEKEEPING WORKERS AT IMPIANA KLCC HOTEL KUALA LUMPUR
2018	3	NOORAMIRAH NAJWA BORHANUDDIN (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	ATTENDANCE MANAGEMENT SYSTEM ASSESSMENT AND PERFORMANCE AT TELEKOM OPERATION CENTRE.
2018	4	NOR 'ADILAH BINTI MOHAMAD RAAZALI (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	STANDARD TIME OF PAPERWORK CLEARANCE IN IMPORT CLEARANCE DEPARTMENT OF FORWARDING COMPANY
2018	5	XIAOXIA HAN (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT) MEIJI UNIVERSITY, JAPAN (CO SUPERVISOR))	ERGONOMIC IN MANAGEMENT SOCIETY
2018	6	YOICHIRO MATSUURA (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT) MEIJI UNIVERSITY, JAPAN (CO SUPERVISOR))	LABOUR PROTECTION ON SOCIAL INSURANCE COVERAGE IN MULTILAYER SYSTEM OF CONSTRUCTION INDUSTRIES IN JAPAN
2017	7	MD NAZRIN BIN MUHAMAD (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	RISK ASSESMENT OF ABRASIVE BLASTING IN PRESSURE VESSEL FABRICATION SHOP
2017	8	SITI NOR ATIQA BINTI FADHILAH (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	REDUCE WASTAGE MANAGEMENT FOR BUSINESS PERFORMANCE AT SIME DARBY CONVENTION CENTER
2017	9	MUHAMMAD IRFAN BIN ISNADI GHANA (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	HEALTH SURVEILLANCE PROGRAM ON FLOUR DUST EXPOSURE FOR WAREHOUSE EMPLOYEES IN THE ITALIAN BAKERS SDN BHD.
2017	10	JUNAIDAH ABDUL JALIL (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	PROCESS FLOW OF LATE ISSUANCE OF APPARATUS ASSIGNMENT FOR REGULATORY BODY
2017	11	RUZAIIDI BIN JAILANI (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	RISIKO OPERASI PEMASANGAN PENYAMAN UDARA DAN PENYEJUK BEKUAN DI PASARAYA
2017	12	NUR IZZAIDAH BINTI GHAZALI (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	WORK RELATED LOW BACK PAIN AMONG MAINTENANCE TECHNICIANS OF FIGHTER JET
2016	13	AHMAD SUFIAN BIN HUZAINI (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	OFFSHORE MEDICS EXPERIENCE IN MEDICAL EMERGENCY RESPONSE SYSTEM CHALLENGES
2016	14	HASHIM BIN IBRAHIM	THE NEEDS OF AIRCRAFT AVIONICS RADIO LINE REPLACEABLE UNIT REPAIR CENTER AT UniKL MIAT

		(MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	
2016	15	MOHD YUNUS BIN YAHYA (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	THE NEEDS OF PISTON ENGINE OVERHAUL CENTER AT UniKL MIAT
2015	16	AHMAD BIN SALLEH (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	IKLIM KESELAMATAN DAN HUBUNGANNYA DENGAN KADAR KEMALANGAN DI KALANGAN PEKERJA TETAP DI MALAYSIAN NEWSPRINT INDUSTRIES, MENTAKAB, PAHANG.
2015	17	MOHD ALFIAN BIN MOHD AYOB (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	SAFETY METHOD TO LIFTING PILING WORK IN THE CONSTRUCTION INDUSTRY
2015	18	SUPHAPHON KHUNPHITAK A/P THAWIN (MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT))	FAILURE ANALYSIS THROUGHPUT TIME REDUCTION USING WASTE ELIMINATION
2014	19	ZURITAH A. KADIR (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	RISK FACTORS OF LOW BACK PAIN PROBLEM AMONGST PORT CRANE OPERATOR
2014	20	ZAMREE BIN AMIN (EXECUTIVE MASTER OF OCCUPATIONAL SAFETY HEALTH MANAGEMENT)	HAND RELATED INJURY STUDIES IN METAL FABRICATION INDUSTRY
2014	21	MUHAMMAD HAFIDZ BAHARUDDIN MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT)	LEAN MANUFACTURING SYSTEM TO REDUCE DEFECT RATE IN MACHINING PROCESS AT PROTON TANJUNG MALIM
2014	22	MOHD NADZRI BIN SAMIRAN @ JUMIRAN MASTER OF SCIENCE (ENGINEERING BUSINESS MANAGEMENT)	DEVELOP IMPROVEMENT MAINTENANCE MANAGEMENT FOR AGUSTA A109 LOH HELICOPTER AT ARMY AVIATION UNIT TO MINIMIZE OUTSOURCING

#### 5.2.9 GRADUATED EXECUTIVE DIPLOMA (PROJECT)

2019	1	NADIY MAULA MOHD SAION EXECUTIVE DIPLOMA (FACILITY MANAGEMENT)	TAHAP PENGURUSAN FASILITI DI STESEN KERETA API JB SENTRAL.
2019	2	ZAKIAH HANIM MD ZAKI EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	LEAN MANAGEMENT IN PRODUCT ORDERING TO MANAGE WASTAGE AND ACHIEVING SALES TARGET
2019	3	RAZAK KARDI EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	KAJIAN MENGURANGKAN MASA BAIKPULIH MESIN LIPATAN TISU DALAM INDUSTRI PEMBUATAN TISU
2018	4	AHMAD AZIZOL SHAHIDAN EXECUTIVE DIPLOMA (FACILITY MANAGEMENT)	SAFETY ELECTRICAL IN SWITCHING OPERATION
2018	5	MATHAN A/L MARIMUTHU EXECUTIVE DIPLOMA (FACILITY MANAGEMENT)	ENERGY EFFICIENCY ON ACMV (AIR CONDITIONING AND MECHANICAL VENTILATION) SYSTEM FOR TMC HOSPITAL BUILDING
2018	6	MOHAMAD HIDAYAT BIN MAHMUD EXECUTIVE DIPLOMA (FACILITY MANAGEMENT)	PENGURUSAN LIF PENUMPANG

2017	7	JALIMAH BINTI MUHAMAD EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	AMALAN KESELAMATAN DAN KESIHATAN (OSHA) DI DALAM AKTIVITI PEMBERSIHAN BANGUNAN PEJABAT
2017	8	SOPIAN BIN MOHAMED MOKHTAR. EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	KAJIAN AMALAN 5S UNTUK PENAMBAHBAIKAN KUALITI DI NEW HOONG FATT GROUP SDN. BHD
2017	9	HASRINA WATI BINTI MOHAMAD AZHARI EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	KAJIAN KEBERKESANAN AMALAN 5S UNTUK PENAMBAHBAIKAN KUALITI DI TEMPAT KERJA
2016	10	MUHAMMAD FIRDAUS BIN ISMAIL EXECUTIVE DIPLOMA (ENGINEERING BUSINESS MANAGEMENT)	JOB STRESS AND ITS EFFECT ON EMPLOYEES PERFORMANCES IN PUSAT LATIHAN PENGUATKUASA SELANGOR (PULAPES)
2015	11	MOHD RASHID BIN BUANG EXECUTIVE DIPLOMA (OCCUPATIONAL SAFETY & HEALTH)	KAWALAN RISIKO KEMALANGAN DI LOADING BAY KILANG PAN CENTURY IOI (EDIBLE OILS), PASIR GUDANG, JOHOR
2014	12	RAMESH @ SRI RAMESH NAIR A/L GOPAL EXECUTIVE DIPLOMA (OCCUPATIONAL SAFETY & HEALTH)	ERGONOMICS FOR FLIGHT ATTENDANT
2014	13	PAUL DANIEL A/L JOSEPH RAJ EXECUTIVE DIPLOMA (OCCUPATIONAL SAFETY & HEALTH)	HAZARD & CONSTRUCTION WORK RELATED TO MACHINERY

## 6.0 ACADEMIC REPUTATION AND LEADERSHIP

### 6.1 SPEAKER INVITATION

2019	1	:	<b>SPEAKER</b> , PROGRAM DAILY LIFE IN MATH, SEKOLAH RENDAH WILAYAH SENTUL 2019, 27-29 AUGUST 2019. SMK TIARA PERMAI, KUALA LUMPUR
2018	2	:	<b>MOTIVATION SPEAKER</b> , USR RAZAK SCHOOL, ADOPT A KAMPUNG FIELD VISIT PROJEK 4: PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH, SEKOLAH KEBANGSAAN LKTP AYER HITAM, KLUANG, JOHOR, 14 MARCH 2018.
	3	:	<b>MOTIVATION SPEAKER</b> , PROGRAM WOMEN ENGINEERS IEM TO HELP THE RURALS THROUGH TOY LIBRARY FOR STEM EDUCATION, TADIKA CILIK AL FATEH 3, 13 MARCH 2018 , FELDA BUKIT RAMUN, KULAI ,JOHOR.
2017	4	:	<b>MOTIVATION SPEAKER</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK 4 PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN SENENG, BACHOK, KELANTAN WITH KEMENTERIAN PELAJARAN MALAYSIA (KPM), 9-13 MARCH 2017.
2016	5	:	<b>MOTIVATION SPEAKER</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN KAMPUNG GERIS, DABONG, KELANTAN DAN SEKOLAH KEBANGSAAN LALOH, KUALA KRAI, KELANTAN, 24-26 FEBRUARY 2016.

### 6.2 INTERNATIONAL COMMITTEE - CHAIR

15 DECEMBER 2015-PRESENT	1	<b>EDITOR-IN-CHIEF</b> , INTERNATIONAL JOURNAL, JOURNAL OF ADVANCE RESEARCH DESIGN, PENERBIT AKADEMIA BARU.
27-28 AUGUST 2013	2	<b>CHAIRMAN</b> , 2 <sup>ND</sup> INTERNATIONAL CONFERENCE ON ENGINEERING MANAGEMENT BUSINESS (ICEBM2013), 27-28 AUGUST 2013, ISTANA HOTEL KUALA LUMPUR.
AUGUST 2012	3	<b>CHAIRMAN</b> , 1 <sup>ST</sup> INTERNATIONAL CONFERENCE ON ENGINEERING MANAGEMENT BUSINESS (ICEBM 2013) , 28-29 AUGUST 2012, AVILLION LEGACY HOTEL MALACCA, MALAYSIA.

### 6.3 INTERNATIONAL COMMITTEE – MEMBERS

1 JANUARY 2020	1	<b>TREASURER</b> , 9TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2020) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, 22&23 AUGUST 2020, UTM KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY JAPAN.
29 NOVEMBER 2019-28 FEBRUARY 2020	2	<b>PEER REVIEWER</b> , 14TH SOUTH EAST ASIAN TECHNICAL UNIVERSITY CONSORTIUM SYMPOSIUM (SEATUC 2020), SHIBAURA INSTITUTE OF TECHNOLOGY (SIT), 27-28 FEBRUARY 2020, KING MONGKUT UNIVERSITY OF TECHNOLOGY THONBURI, BANGKOK, THAILAND.
1 NOVEMBER 2019-31 MARCH 2020	3	<b>TECHNICAL COMMITTEE</b> , JOURNAL OF ENVIRONMENT TREATMENT TECHNIQUES (JETT), SPECIAL ISSUE SCOPUS JOURNAL.
1 NOVEMBER 2019-31 MARCH 2020	4	<b>REVIEWER</b> , JOURNAL OF ENVIRONMENT TREATMENT TECHNIQUES (JETT), SPECIAL ISSUE SCOPUS JOURNAL.
20 SEPTEMBER 2019	5	<b>REVIEWER</b> , INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), ENGINEERING JOURNAL- WEB OF SCIENCE & SCOPUS.
15 DECEMBER 2015-PRESENT.	6	<b>EDITOR</b> , JOURNAL OF ADVANCE RESEARCH DESIGN, PENERBIT AKADEMIKA BARU
15 DECEMBER 2015-PRESENT	7	<b>EDITOR</b> , JOURNAL PENERBIT AKADEMIKA BARU
3-4 AUGUST 2019	8	<b>REVIEWER</b> , HETEROLITHIC THIN BEDDED RESERVOIRS VALUMETRIC ESTIMATION, QUANTIFICATION AND HIGH RESOLUTION 3-D MODELLING” 8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2019) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, 3 <sup>RD</sup> - 4 <sup>TH</sup> AUGUST 2019 KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY JAPAN.
3-4 AUGUST 2019	9	<b>REVIEWER</b> , “A REVIEW OF TECHNOLOGY RELATED SERVICES IN CREATING VALUE PROPOSITION FOR LRT OPERATOR” 8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2019) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, 3 <sup>RD</sup> - 4 <sup>TH</sup> AUGUST 2019 KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY JAPAN.
3-4 AUGUST 2019	10	<b>CHAIRPERSON</b> FOR ENGINEERING DOCTORATE COLLOQUIUM, 8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2019) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, 3 <sup>RD</sup> - 4 <sup>TH</sup> AUGUST 2019 KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY JAPAN.
3-4 AUGUST 2019	11	<b>PANEL MANUSCRIPT</b> , 8 <sup>TH</sup> INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2019) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, 3 <sup>RD</sup> - 4 <sup>TH</sup> AUGUST 2019 KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY JAPAN.
25-29 MARCH 2019	12	<b>SECRETARIAT</b> , 14TH ASIA-PACIFIC ASSOCIATION FOR INTERNATIONAL EDUCATION CONFERENCE AND EXHIBITION, KLCC, KUALA LUMPUR
13 MARCH 2019	13	<b>TREASURER</b> , 1ST INTERNATIONAL PROFESSIONAL DOCTORAL SYMPOSIUM (IPDOCS 2019), SCHOOL OF GRADUATE STUDIES, 30TH NOVEMBER 2019, MENARA RAZAK, UNIVERSITI TEKNOLOGI MALAYSIA.
14 MARCH 2019	14	<b>TREASURER</b> , 8TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2019) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, 3 <sup>RD</sup> - 4 <sup>TH</sup> AUGUST 2019 KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY JAPAN.
11 MARCH 2019	15	<b>TREASURER</b> , ADOPT A KAMPUNG, PROGRAM BERSAMA GOLONGAN BERKEPERLUAN KHAS, KERJASAMA ADOPT A KAMPUNG RAZAK FAKULTI PERPUSTAKAAN SULTANAH ZANARIAH UTMKL DAN PERPUSTAKAAN NEGARA MALAYSIA.
9 FEBRUARY 2019	16	<b>REVIEWER</b> , JOURNAL OF ADVANCED RESEARCH IN OCCUPATIONAL SAFETY AND HEALTH, PENERBIT AKDEMIKA BARU, TASK-FORCE MYRA FAKULTI RAZAK – SEKSYEN PENERBITAN.
30 JANUARY 2019	17	<b>EVALUATOR PANEL</b> , NON-INDEX JOURNAL PENERBIT AKADEMIKA BARU
1 JANUARY 2018 – 31 DECEMBER 2018	18	<b>TREASURER</b> , 7TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2018) & 4TH INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING (ICRQE 2018), 2-5 AUGUST 2018, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY (JAPAN), AMERICAN SUPPLIER INSTITUTE (USA), NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY BANGALORE (INDIA), QUALITY ENGINEERING SOCIETY (JAPAN) AS WELL AS INSTITUT TEKNOLOGI SEPULUH NOPEMBER, SURABAYA (INDONESIA) AND CO-SPONSORED BY MINITAB®.
1 JANUARY-31 DECEMBER 2018	19	<b>TECHNICAL COMMITTEE MEMBER</b> , 2ND INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY, WISAT 2018, PLENARY THEATRE, KLCC.



1 JANUARY 2018-31 DECEMBER 2018	20	<b>TREASURER</b> , TAGUCHI ROBUST PARAMETER DESIGN AND ROBUST ENGINEERING WORKSHOP, UTM KUALA LUMPUR
1 JANUARY 2018-31 DECEMBER 2018	21	<b>TREASURER</b> , MAHALANOBIS TAGUCHI SYSTEM WORKSHOP, UTM KUALA LUMPUR
25 SEPTEMBER 2018	22	<b>PRESENTER</b> , NEW ACADEMIA LEARNING INNOVATION (NALI) FOR EDUCATION 4.0 EXHIBITION AND COMPETITION.
14 AUGUST 2018	23	<b>PRESENTER</b> , THE FIRST ECONOMIC, LAW, EDUCATION AND HUMANITIES INTERNATIONAL CONFERENCE (ELEHIC 2018), PAGERAN BEACH HOTEL, PADANG, INDONESIA.
4-8 AUGUST 2018	24	<b>CHAIRMAN SESSION</b> , PRESENTATION FOR 7TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2018) & 4TH INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING (ICRQE 2018), 2-5 AUGUST 2018, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & MEIJI UNIVERSITY (JAPAN), AMERICAN SUPPLIER INSTITUTE (USA), NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY BANGALORE (INDIA), QUALITY ENGINEERING SOCIETY (JAPAN) AS WELL AS INSTITUT TEKNOLOGI SEPULUH NOPEMBER, SURABAYA (INDONESIA) AND CO-SPONSORED BY MINITAB®.
2-5 AUGUST 2018	25	<b>EDITOR</b> , JOURNAL OF ADVANCED RESEARCH IN BUSINESS AND MANAGEMENT STUDIES, 7TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2018) & 4TH INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING (ICRQE 2018)
1 AUGUST 2018	26	<b>EDITOR</b> , IOP PUBLISHING LIMITED, UNITED KINGDOM, 2ND INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY, WISET 2018, PLENARY THEATRE, KLCC
17-19 JULY 2018	27	<b>CHAIRMAN</b> , PRESENTATION FOR 2ND INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY, WISET 2018, PLENARY THEATRE, KLCC.
JANUARY 2017- DECEMBER 2017	28	<b>TREASURER</b> , 6TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2017), 26-27 AUGUST 2017, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
JUNE 2017- SEPTEMBER 2017	29	<b>MANUSCRIPT REVIEWER</b> , 6TH INTERNATIONAL CONFERENCE ON ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2017), 26-27 AUGUST 2017, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
1 OCTOBER 2015-30 SEPTEMBER 2017	30	<b>TREASURER</b> , MULTIVERSITY PROJECT, COLLABORATION PROJECT BETWEEN ASEAN PROFESSIONAL EDUCATIONAL NETWORK – JAPAN ASEAN INTEGRATION FUND (APEN-JAIF) WITH UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY.
1 OCTOBER 2015-30 SEPTEMBER 2017	31	<b>CONSULTANT</b> , MULTIVERSITY PROJECT, COLLABORATION PROJECT BETWEEN ASEAN PROFESSIONAL EDUCATIONAL NETWORK – JAPAN ASEAN INTEGRATION FUND (APEN-JAIF) WITH UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY.
22-26 MAY 2017	32	<b>EDITORS</b> , PROCEEDINGS OF THE 2ND MASTER PROJECT OF SYMPOSIUM. 22-26 MAY 2017, PUBLISHED APRIL 2018, UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR.
13-15 DECEMBER 2016	33	<b>EDITORS</b> , PROCEEDINGS OF THE 1ST MASTER PROJECT OF SYMPOSIUM ON OCCUPATIONAL SAFETY AND HEALTH.13-15 DECEMBER 2016, PUBLISHED APRIL 2017, UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR.
13-15 DECEMBER 2016	34	<b>ASSOCIATE EDITORS</b> , PROCEEDINGS OF THE 1ST MASTER PROJECT OF SYMPOSIUM ON SYSTEM ENGINEERING AND PROFEESIONAL SCIENCE. 13-15 DECEMBER 2016, PUBLISHED APRIL 2017, UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR.
13-15 DECEMBER 2016	35	<b>ASSOCIATE EDITORS</b> , PROCEEDINGS OF THE 1ST MASTER PROJECT OF SYMPOSIUM ON ENGINEERING BUSNINESS MANAGEMENT. 13-15 DECEMBER 2016, PUBLISHED APRIL 2017, UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR.
28 JANUARY 2016- 31 DECEMBER 2016	36	<b>TREASURER</b> , I-HRD CONFERENCE FOR COLLABORATION PROJECT BETWEEN AIIT, JAPAN AND UNIVERSITY TEKNOLOGI MALAYSIA (UTM), APEN-JAIF PROJECT (MULTIVERSITY).
1 JANUARY 2016-31 DECEMBER 2016	37	<b>TREASURER</b> , 5TH INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2016), UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
29 AUGUST 2016	38	<b>MANUSCRIPT REVIEWER</b> , 5TH INTERNATIONAL CONFERENCE ON INTERNATIONAL CONFERENCE ENGINEERING BUSINESS MANAGEMENT (ICEBM 2016), 29 AUGUST

		2016, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN AT SURUGADAI CAMPUS, MEIJI UNIVERSITY, TOKYO, JAPAN.
19 JANUARY 2016	39	<b>COMMITTEE MEMBER</b> , MEMORANDUM PERJANJIAN (MOA) BETWEEN RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY WITH APEN JAIF, JAPAN PROJECT (MULTIVERSITY BASIC).
1 JANUARY 2015 - 31 DECEMBER 2015	40	<b>TREASURER</b> , 4TH INTERNATIONAL CONFERENCE ON ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2015), 22-23 AUGUST 2015, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
30 JULY 2013 – 31 DECEMBER 2015	41	<b>SECRETARY</b> , PROGRAM JANGKAUAN GLOBAL MALAYSIA: DIMENSI BAHARU, KLUSTER MYODYSSEY- MENINGKATKAN KEHADIRAN MALAYSIA DI DUNIA MELALUI SUMBANGAN DAN REPUTASI DI BAWAH PROGRAM PELAN STRATEGIK PENGAJIAN TINGGI NEGARA (PSPTN) 2, MINISTRY OF HIGHER EDUCATION.
22-23 AUGUST 2015	42	<b>MANUSCRIPT REVIEWER</b> , 4TH INTERNATIONAL CONFERENCE ON ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2015), 22-23 AUGUST 2015, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
15 MAY 2014-31 DECEMBER 2014	43	<b>TREASURER</b> , 3 <sup>RD</sup> INTERNATIONAL CONFERENCE ON ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2014), 25-26 AUGUST 2014, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
28-31 OCTOBER 2014	44	<b>COMMITTEE MEMBER</b> , EFFECTIVE CAPACITY BUILDING FOR SENIOR OFFICIALS FROM SELECETD SOUTHERN THAILAND’S UNIVERSITY, MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE, 28-31 OCTOBER 2014, EED-UUM HOTEL, UNIVERSITI UTARA MALAYSIA , SINTOK, KEDAH.
18 SEPTEMBER 2014	45	<b>COMMITTEE MEMBER</b> , "MALAYSIA - AFRICA SUMMIT 2014", ENHANCING MALAYSIA - AFRICA ENGAGEMENT RESHAPING THE DISCOURSE ON EDUCATION & DEVELOPMENT, PRINCE HOTEL & RESIDENCE KUALA LUMPUR, MINISTRY OF EDUCATION. (MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE)
11-12 AUGUST 2014	46	<b>COMMITTEE MEMBER</b> , MALAYSIA-INDONESIA DIALOGUE ON INTERNATIONAL HIGHER EDUCATION 2014. PUSHING THE FRONTIER OF INTERNATIONALISATION OF HIGHER EDUCATION. IBIS STYLES HOTEL, YOGYAKARTA, INDONESIA. (MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE)
17-24 MAY 2014	47	<b>COMMITTEE MEMBER</b> , DOCUMENTARY VIDEO PRODUCTION TRAINING : POCKET PRODUCTION 2014 FOR PALESTINE STUDENT UNDER INITIATIVE MALAYSIA’S GLOBAL OUTREACH : NEW DIMENSION, LABUAN INTERNATIONAL CAMPUS, LABUAN. (MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE)
15 APRIL 2014-15 MAY 2014	48	<b>COMMITTEE MEMBER</b> , DOCUMENTARY PRODUCTION FOR “MALAYSIA’S CONTRIBUTION TO PALESTINE” UNDER INITIATIVE MALAYSIA’S GLOBAL OUTREACH : NEW DIMENSION, LABUAN INTERNATIONAL CAMPUS, LABUAN. (MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE)
1 JANUARY 2013-31 DECEMBER 2013	49	<b>TREASURER</b> , 3 <sup>RD</sup> INTERNATIONAL CONFERENCE ON ENGINEERING BUSINESS MANAGEMENT (ICEBM 2014), 25-26 AUGUST 2014, HOTEL ISTANA, KUALA LUMPUR, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR MALAYSIA & GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, MEIJI UNIVERSITY, TOKYO, JAPAN.
9-19 NOVEMBER 2013	50	<b>COMMITTEE MEMBER</b> , PROGRAM LATIHAN “ EFFECTIVE CAPACITY BUILDING FOR SENIOR PUBLIC OFFICIALS FROM SELECTED OIC MEMBERS STATES “V” DAN PERSIDANGAN ANTARABANGSA “ REBUIDLING STABILITY AND COOPERATION IN THE AFWAN REGION : PROSPECTS AND CHALLENGES”, SHAH ALAM, JOHOR BAHRU AND KUALA LUMUR. (MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE).
23-25 OCTOBER 2013	51	<b>COMMITTEE MEMBER</b> , PERBINCANGAN MEJA BULAT SEMPENA MALAYSIA’S INTERNATIONAL DEVELOPMENT COOPERATION AND TECHNICAL VOCATIONAL EDUCATION & TRANING (TVET), HOTEL RIVESIDE MAJESTIC, KUCHING, SARAWAK. (MYODYSSEY CLUSTER, MALAYSIA’S GLOBAL RESEARCH INNITIATIVE)
27-28 AUGUST 2013	52	<b>REVIEWER</b> , 2 <sup>ND</sup> INTERNATIONAL CONFERENCE ON ENGINEERING MANAGEMENT BUSINESS (ICEBM2013), 27-28 AUGUST 2013, ISTANA HOTEL KUALA LUMPUR.

APRIL 2013	53	<b>TREASURER</b> , 1ST INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING (ICQRE 2013), 22-26 APRIL 2013, UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR.
APRIL 2013	54	<b>TREASURER</b> , 1ST INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING (ICQRE 2013), 22-26 APRIL 2013, UNIVERSITI TEKNOLOGI MALAYSIA, KUALA LUMPUR.

#### **6.4 NATIONAL AND UNIVERSITY LEVEL COMMITTEE**

9 JANUARY 2020-31 DECEMBER 2020	1	<b>TASK FORCE COMMITTEE</b> CURRICULUM REVIEW, RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
6-7 NOVEMBER 2019	2	<b>COMMITTEE</b> , HANDS ON JOURNAL PUBLICATION WORKSHOP RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
5 FEBRUARY-5 APRIL 2019	3	<b>TASK FORCE COMMITTEE</b> ANUGERAH KUALITI AKADEMIK (AKA 2018) RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
1 JANUARY 2018-PRESENT	4	<b>COMMITTEE MEMBER AND ACADEMIC ADVISOR</b> , TASK FORCE FOR SUDAN ACADEMIC COLLABORATION PROGRAM MASTER ENGINEERING BUSINESS MANAGEMET (MEBM), RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
1 JANUARY 2018-PRESENT	5	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA), SUDAN ACADEMIC COLLABORATION PROGRAM MASTER ENGINEERING BUSINESS MANAGEMET (MEBM), RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
1 JANUARY 2018-PRESENT	6	<b>COMMITTEE MEMBER</b> , MOA STEAM LEARNING LAB FOR STEM FUN LEARNING TOY LIBRARY UNDER ICP PROGRAM BETWEEN ACRE WORKS SDN BHD AND UTM RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
1 JANUARY 2018-PRESENT	7	<b>COMMITTEE MEMBER</b> , MOA STEAM LEARNING LAB FOR STEM MODEL LAB UNDER ICP PROGRAM BETWEEN ACRE WORKS SDN BHD AND UTM RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
6 JANUARY 2017-PRESENT	8	<b>TREASURER</b> , USR RAZAK SCHOOL, ADOPT A KAMPUNG BAGI PROJEK KE 3 : PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI SEKOLAH KEBANGSAAN SENENG, BACHOK, KELANTAN.
23 MARCH 2019	9	<b>EXPERT</b> , ADOPT A KAMPUNG USR RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS & GENIUS GENERASIKU: ILMU UNTUK SEMUA – PROGRAM BERSAMA GOLONGAN BERKEPERLUAN KHAS, PERPUSTAKAAN NEGARA MALAYSIA.
11 FEBRUARY 2019	10	<b>TREASURER</b> , ADOPT A KAMPUNG USR RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTMKL, STREAM FUN LEARNING TOY LIBRARY 2019.
25 OCTOBER 2018	11	<b>TREASURER</b> , MAJLIS PERKONGSIAN DAN PENYERAHAN LAPORAN PROJEK (APEN-JAIF PROJECT : MULTIVERSITY ROADMAP FOR MALAYSIA EDUCATION).
3-5 JULY 2018	12	<b>TREASURER</b> , USR RAZAK SCHOOL, ADOPT A KAMPUNG BAGI PROJEK KE 5 : PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI SEKOLAH KEBANGSAAN LKTP AYER HITAM, KLUANG, JOHOR.
3 MAY 2018	13	<b>TECHNICAL COMMITTEE</b> , MATERIALS LECTURE COMPETITION (MLC 2018), NATIONAL LEVEL.
14-15 MARCH 2018	14	<b>TREASURER</b> , USR RAZAK SCHOOL, ADOPT A KAMPUNG FIELD VISIT PROJEK 4: PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI TADIKA CILIK AL FATEH 3, KULAI JOHOR DAN SEKOLAH KEBANGSAAN LKTP AYER HITAM, KLUANG, JOHOR.
14 MARCH 2018	15	<b>TREASURER</b> , PROGRAM WOMEN ENGINEERS IEM TO HELP THE RURALS THROUGH TOY LIBRARY FOR STEM EDUCATION, TADIKA CILIK AL FATEH 3, FELDA BUKIT RAMUN, KULAI ,JOHOR.
10-13 FEBRUARY 2018	16	<b>MOTIVATOR</b> , SESSION WITH PARENTS AND STUDENTS, USR RAZAK SCHOOL, PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI SEK. KEB. KUALA GERIS, DABONG, KELANTAN.
10-13 FEBRUARY 2018	17	<b>MOTIVATOR</b> , SESSION WITH PARENTS AND STUDENTS, USR RAZAK SCHOOL, PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI SEK. KEB. KUALA GERIS, DABONG, KELANTAN.
16-17 NOVEMBER 2017	18	<b>PARTICIPANT</b> , HARI INOVASI NUKLEAR MALAYSIA 2017, MALAYSIAN NUCLEAR AGENCY.
4-5 OCTOBER 2017	19	<b>MARKETING OFFICER</b> , SEMINAR ON OCCUPATIONAL SAFETY & HEALTH : TOWARDS SUSTAINABILITY AGENDA 2017.
22 SEPTEMBER 2017	20	<b>COMMITTEE</b> , TASK FORCE PEMBANGUNAN PROGRAM KERJASAMA DAN MOMERANDUM PERJANJIAN (MOA) ANTARA UTM DENGAN UNIVERSITAS PERTAMINA, INDONESIA.
9-13 MARCH 2017	21	<b>MOTIVATOR</b> , SESSION WITH PARENTS AND STUDENTS, USR RAZAK SCHOOL, ADOPT A KAMPUNG BAGI PROJEK KE : PEMBINAAN FUN LEARNING TOY

			LIBRARY PELAJAR PRA-SEKOLAH DI SEKOLAH KEBANGSAAN SENENG, BACHOK, KELANTAN.
5 JANUARY 2016-31 DECEMBER 2016	22	<b>TREASURER</b> ,	USR UTM RAZAK SCHOOL : ADOPT A KAMPUNG PROJEK 2, PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI SEKOLAH KEBANGSAAN KUALA GERIS, DABONG, KELANTAN.
3-5 NOVEMBER 2016	23	<b>COMMITTEE</b> ,	STUDY TOURS AND VISIT FROM SK KUALA GERIS, DABONG, KUALA KRAI, KELANTAN TO UTMKL, UTM RAZAK SCHOOL COMMUNITY PROGRAM ADOPT A KAMPUNG.
1 MAY 2016	24	<b>CHAIRMAN</b> ,	TASK FORCE SYSTEM FOR SUBMISSION OF STUDENT'S PMA, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY.
24-26 FEBRUARY 2016	25	<b>MOTIVATOR</b> ,	SESSION WITH PARENTS AND STUDENTS, USR RAZAK SCHOOL, ADOPT A KAMPUNG : PEMBINAAN FUN LEARNING TOY LIBRARY PELAJAR PRA-SEKOLAH DI SEKOLAH KEBANGSAAN KUALA GERIS, DABONG, KELANTAN.
7-8 MARCH 2015	26	<b>TREASURER</b> ,	USR RAZAK SCHOOL : ADOPT A KAMPUNG, PROJEK 1 : BANTUAN SELEPAS BANJIR DAN AGIHAN KOMPUTER, UBATAN DAN KAJIAN RINTIS DI SEKOLAH KEBANGSAAN LALOH, KUALA KRAI, KELANTAN.
JUNE 2013	27	<b>TREASURER</b> ,	SEMINAR ON ADVANCED ACTIVE REMOTE SENSING (SAARS2013),11-13 JUNE 2013,UNIVERSITI TEKNOLOGI MALAYSIA KUALA LUMPUR. THEME: MANAGING EFFECTIVELY THE NATURAL HAZARDS, DISASTERS, RISKY INFRASTRUCTURE, NATURAL RESOURCES AND EARTH ENVIRONMENT IN MALAYSIA.

## 6.5 AWARD AND RECOGNITION

NOVEMBER 2019	1	:	<b>SILVER AWARD</b> , NETBALL UTM KL SPORTS CARNIVAL 2019.
FEBRUARY 2019	2	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 1213 ENGINEERING DESIGN OPTIMIZATION, SEMESTER 2 2018/2019.
FEBRUARY 2019	3	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 1233 ENGINEERING DESIGN PROCESS & METHODOLOGY, SEMESTER 2 2018/2019.
SEPTEMBER 2018	4	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 1243 MATERIALS SELECTION AND MANUFACTURING PROCESS, SEMESTER 1 2018/2019.
SEPTEMBER 2018	5	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 2233 FLUID POWER, SEMESTER 1 2018/2019.
JULY 2018	6	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSE 2593 TECHNOLOGY MANAGEMENT, SEMESTER 3 2017/2018.
MAY 2018	7	:	<b>SILVER, NEW ACADEMIA LEARNING INNOVATION (NALI), UTM ACADEMIC LEADERSHIP (UTMLEAD). FUN LEARNING TOY LIBRARY AS A PASSAGE TO SHAPE FUTURE SCIENTISTS AND ENGINEERS.</b>
FEBRUARY 2018	8	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 1223-02 TECHNOVATION MANAGEMENT, SEMESTER 2 2017/2018.
FEBRUARY 2018	9	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 2213-01 AUTOMATIVE ENGINEERING DESIGN, SEMESTER 2 2017/2018.
FEBRUARY 2018	10	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 2213-01 CREATIVITY AND INNOVATION MANAGEMENT, SEMESTER 2 2017/2018.
NOVEMBER 2017	11	:	<b>UTM 2017 POTENTIAL RESEARCHER IN ACADEMIC PUBLICATION AWARD - CITRA KARISMA UTM RAZAK SCHOOL, UTM KL.</b>
NOVEMBER 2017	12	:	<b>BRONZE - PROGRAMME SOFTWARE FOR CONDUCTING LIFE CYCLE ASSESSMENT OF ELECTRONIC WASTE (MYLCA E-WASTE), AGENSI NUKLEAR MALAYSIA.</b>
SEPTEMBER 2017	13	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSE 2593-01 TECHNOLOGY MANAGEMENT, SEMESTER 1 2017/2018.
SEPTEMBER 2017	14	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSE 2593-02 TECHNOLOGY MANAGEMENT, SEMESTER 1 2017/2018.
SEPTEMBER 2017	15	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 1233 ENGINEERING DESIGN PROCESS & METHODOLOGY, SEMESTER 1 2017/2018.
SEPTEMBER 2017	16	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSF 1243 MATERIALS SELECTION AND MANUFACTURING PROCESS, SEMESTER 1 2017/2018.

8 MAY 2017	17	:	<b>APPRECIATION OF ACHIEVEMENT</b> – PROGRAM JANGKAUAN GLOBAL MALAYSIA: DIMENSI BAHARU, KLUSTER MYODDYSSEY - MENINGKATKAN KEHADIRAN MALAYSIA DI DUNIA MELALUI SUMBANGAN DAN REPUTASI, MINISTRY OF HIGHER EDUCATION, MALAYSIA.
JULY 2016	18	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSE 2593 TECHNOLOGY MANAGEMENT, SEMESTER 3 2016/2017.
FEBRUARY 2016	19	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSA 1033 SAFETY ENGINEERING, SEMESTER 2 2016/2017.
FEBRUARY 2016	20	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, URSP 0013 RESEARCH METHODOLOGY, SEMESTER 2 2016/2017.
FEBRUARY 2016	21	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSE 2593 TECHNOLOGY MANAGEMENT, SEMESTER 2 2016/2017.
SEPTEMBER 2015	22	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, MRSQ 2103 MATERIAL SCIENCE, SEMESTER 1 2016/2017.
FEBRUARY 2015	23	:	<b>AWARD OF EXCELLENCE</b> , ACTIVE BLENDED LEARNING COURSE, URSP 0013 RESEARCH METHODOLOGY, SEMESTER 2 2015/2016.
JULY 2012	24	:	<b>EXCELLENCE SERVICE AWARD 2011, UTM. ANUGERAH PERKHIDMATAN CEMERLANG CITRA KARISMA UTM 2011.</b>
DECEMBER 2010	25	:	<b>POSTGRADUATE STUDENT BEST PAPER AWARD</b> , 6TH AUSTRALASIAN CONGRESS ON APPLIED MECHANICS (ACAM 6) ENGINEERS AUSTRALIA, MOHAMMAD R, KOTOUSOV A, CODRINGTON, J. DYNAMIC BEHAVIOUR OF TRANSPORTING LIQUID UNDER IMPULSE LOADING.
2008-2011	26	:	<b>SLAI SCHOLARSHIP FOR PH. D. (2008-2011).</b>
2005	27	:	<b>DEAN'S LIST</b> – MASTER OF SCIENCE MECHANICAL ENGINEERING (SESSION 2005/2006), UTM.
2003	28	:	<b>DIRECTOR GROUP MERIT AWARD</b> , TED-PE – ITS NEW CELL PRODUCTION LINE SYSTEM, 24TH ANNIVERSARY-AWARD PRESENTATION, PANASONIC COMMUNICATIONS (MALAYSIA) SDN. BHD. SENAI, JOHOR.
2000	29	:	<b>ACADEMIC PRIZE WINNER</b> - DIPLOMA IN MECHANICAL ENGINEERING, UTM.
2000	30	:	<b>DEAN'S LIST</b> - DIPLOMA MECHANICAL ENGINEERING (YEAR 3 1999/2000), UTM.
1999	31	:	<b>DEAN'S LIST</b> - DIPLOMA MECHANICAL ENGINEERING (YEAR 2 1998/1999), UTM.
1999	32	:	<b>DEAN'S LIST</b> - DIPLOMA MECHANICAL ENGINEERING (YEAR 1 1997/1998), UTM.

## 6.6 PROFESSIONAL BODY INVOLVEMENT

2020	:	<b>PROFESSIONAL TECHNOLOGIST</b> , , (MANUFACTURING & INDUSTRIAL TECHNOLOGY (ME)) LEMBAGA TEKNOLOGIS MALAYSIA, REGISTRATION NO.: PT20010144.
2019	:	<b>GRADUATE TECHNOLOGIST</b> , (MANUFACTURING & INDUSTRIAL TECHNOLOGY (ME)) LEMBAGA TEKNOLOGIS MALAYSIA, REGISTRATION NO.: GT19070366.
2019	:	<b>MEMBER</b> , PERSATUAN KAKITANGAN AKADEMIK (PKA) UTM
2018-2019	:	<b>AFFILIATE RESEARCH FELLOW</b> , IJN-UTM CARDIOVASCULAR ENGINEERING CENTRE UTM, INSITUTE OF HUMAN CENTERED ENGINEERING (IHUMEN) UTM SKUDAI, SEPTEMBER 2018.
2015- 2019	:	<b>MEMBER</b> , INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG), MEMBERSHIP NO.: 154453, 21 APRIL 2015.
2013- 2019	:	<b>GRADUATE ENGINEER (MECHANICAL)</b> , BOARD OF ENGINEERS MALAYSIA, REGISTRATION NO.: 84429R, 29 APRIL 2013.
2013- 2019	:	<b>ASSOCIATE MEMBER</b> , IKOHZA DYNAMIC INTELLIGENT SYSTEM LABORATORY RESEARCH, MALAYSIA - JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIIT ) UTM KUALA LUMPUR, 2013.

## 7.0 UNIVERSITY AND COMMUNITY SERVICES

### 7.1 ACADEMIC ADMINISTRATIVE APPOINTMENT

10 FEBRUARY 2020-7 FEBRUARY 2021	1	:	<b>ACADEMIC ADVISOR</b> , MOBILITY PROGRAM UTM KL, KOHEI OKADA MEIJI UNIVERSITY JAPAN.
1 NOVEMBER 2016-30 JUNE 2020	2	:	<b>MEBM COORDINATOR</b> , MASTER IN ENGINEERING BUSINESS MANAGEMENT(MEBM), RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTM KUALA LUMPUR.

- 1 SEPTEMBER 2019- 3 : **EDEBM COORDINATOR**, EXECUTIVE DIPLOMA IN ENGINEERING BUSINESS  
31 OCTOBER 2021 MANAGEMENT(EDEBM), RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTM KUALA LUMPUR.
- 23 DECEMBER 2019 4 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION , (MASTER OF PHILOSOPHY), AZHARI BIN HARON,  
UNDERWATER VISUAL INSPECTION ANOMALY THRESHOLD LIMIT ANALYSIS FOR ENSURING  
STRUCTURAL INTERGRITY OF FIXED OFFSHORE STRUCTURES, 23 DECEMBER 2019, UTM.
- 4 DECEMBER 2019 5 : **PANEL OF ACADEMIC ASSESSOR**, MASTER PROJECT 1 SYMPOSIUM, EXECUTIVE MASTER OF  
OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, MASTER OF SYSTEMS ENGINEERING &  
MASTER OF ENGINEERING DESIGN, SEMESTER I SESSION 2019/2020, UTM RAZAK SCHOOL.
- 15 NOVEMBER 2019 6 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION , (DOCTOR OF PHILOSOPHY), DZUL HAFEZ  
YACOB, EFFECT OF ADDITIONAL MASS AND OPTIMAL CHORD LENGTH RATION TO THE  
OSSILATING WATER COLUMN (OWC) DEVICE FOR OCEAN WAVE ENERGY CONVERSION. 15  
NOVEMBER 2019, UTM.
- 14 NOVEMBER 2019 7 : **PANEL EXAMINER**, MJIIT FINAL YEAR PROJECT 1 THREE MINUTES THESIS SEMINAR, MALAYSIA-  
JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIIT), UTM KUALA LUMPUR.
- 1 NOVEMBER 2019 8 : **TECHNICAL EVALUATOR**, GRANT UNIVERSITY PROPOSAL UTM FUNDAMENTAL RESEARCH  
(UTMFR) 2019/1,NICHE AREA INNOVATIVE ENGINEERING.
- NOVEMBER 2019 9 : **TECHNICAL EVALUATOR**, UTM FUNDAMENTAL RESEARCH (UTMFR) 2019/1, NICHE AREA  
INNOVATIVE ENGINEERING.
- 30 OCTOBER 2019 10 : **PANEL PORTFOLIO EXAMINER AND INTERVIEWER**, APEL (T7) CANDIDATE, SYED BASRIN BIN  
SALIHU, PENGURUSAN DAN PERNIAGAAN PERIKNGKAT SARJANA, RAZAK FACULTY OF  
TECHNOLOGY AND INFORMATICS.
- 16 MAY 2019 11 : **PANEL ASSESSMENT**, FINAL YEAR PROJECT (FYP) SYMPOSIUM, MALAYSIA-JAPAN  
INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIIT), UTM KUALA LUMPUR.
- 9 MAY 2019 12 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION (DOCTOR PHILOSOPHY), MISHAR MINHAT,  
FRAMEWORK FOR HUMAN BEHAVIOUR TOWARDS EFFECTIVENESS OF SAFETY  
COMMUNICATION IN PETROCHEMICAL PLANT, 9 MAY 2019, UTM.
- APRIL 2019 13 : **TECHNICAL EVALUATOR**, GRANT UNIVERSITY PROPOSAL TIER 2 2019/1,NICHE AREA INNOVATIVE  
ENGINEERING.
- 30 APRIL 2019 14 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION, SYED MUHAMMAD YUSUF WAN ALWI,  
OPTIMIZATION OF MARINE GROWTH INSPECTION FOR JACKET STRUCTURES BY  
UNDERSTANDING MARINE GROWTH BEHAVIOUR AND SENSITVITY ANALYSIS, 30 APRIL 2019,  
UTM.
- 26 APRIL 2019 15 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION (DOCTOR PHILOSOPHY), MAGED MOHAMMED  
AHMAD QASEM, COMPARATIVE EVALUATION OF DYNAMIC RESPONSE FOR 3-STOREY TWO BAY  
PRECAST & CAST-IN SITU, 26 APRIL 2019, UTM.
- 26 APRIL 2019 16 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION (DOCTOR PHILOSOPHY), FAIZAL BIN ABDULLAH,  
A RULE-BASED APPROACH OF RELIABILITY CENTERED MAINTENANCE FRAMEWORK FOR PROCESS  
CONTROL EQUIPMENT, 14 APRIL 2019, UTM.
- 23 APRIL 2019 17 : **PANEL OF ACADEMIC ASSESSOR**, MASTER PROJECT 2 SYMPOSIUM, MASTER OF ENGINEERING  
BUSINESS MANAGEMENT, MASTER OF SYSTEMS ENGINEERING & MASTER OF ENGINEERING  
DESIGN, SEMESTER II SESSION 2018/2019, UTM RAZAK SCHOOL.
- 22 APRIL 2019 18 : **MENTEE**, MENTORSHIP FOT EXCELLENCE (INSTITUTIONAL LEADERSHIP), MENTOR BY PROF DR  
NUR HANA ABU, FTIR, UTM,KL.
- 11 APRIL 2019 19 : **PANEL PENASIHAT INDUSTRI (IAP)**, MASTER OF ENGINEERING BUSINESS MANAGEMENT  
(MEBM),
- 1 MARCH 2017-28 20 : **INTERNAL AUDITOR**, COURSEFILE AUDIT, PROGRAM MASTER OF SCIENCE IN ENGINEERING  
FEBRUARY 2019 BUSINESS MANAGEMENT (MEBM), UTM RAZAK SCHOOL.
- 3 JANUARY 2019 21 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION (ENGINEERING DOCTORATE), RAZNI KHALID,  
AUTONOMOUS MAINTENANCE ASSESSMENT FOR MACHINERY IN TECHNICAL VOCATIONAL  
EDUCATION TRAINING INSTITUTE, 3 JANUARY 2019, UTM.
- 20 DECEMBER 2018 22 : **PANEL EXAMINER**, FIRST STAGE EXAMINATION (ENGINEERING DOCTORATE), AMIZI NOOR,  
TUNNELLING AGV MOBILITY OPTIMIZATION BY USING TAGUCHI METHOD, 20 DECEMBER 2018,  
UTM.

19 DECEMBER 2018	23	:	<b>PANEL EXAMINER</b> , FIRST STAGE EXAMINATION , (DOCTOR PHILOSOPHY), MOUSA ABDULLAH MOHAMMED HASSAN, DYNAMIC RESPONSE OF MULTI PANEL PRECAST WALL HORIZONTAL CONNECTION UNDER SEISMIC AND LATERAL CYCLIC LOADING, 19 DECEMBER 2018, UTM.
17 DECEMBER 2018	24	:	<b>PANEL EXAMINER</b> , FIRST STAGE EXAMINATION , (DOCTOR PHILOSOPHY), NURUL AZIZAH MUKHLAS, EFFICIENCT DERIVATION OF EXTREME NON-GAUSSION STOCHASTIC STRCUCTURAL RESPONES, 17 DECEMBER 2018, UTM.
17 DECEMBER 2018	25	:	<b>PANEL EXAMINER</b> , FIRST STAGE EXAMINATION , (DOCTOR PHILOSOPHY), SAYYID ZAINAL ABIDIN SYED AHMAD, EXTERME OFFSHORE STRUCTURAL RESPONSE PREDICTION BY AN EFFICIENT TIME SIMULATION REGRESSION METHOD, 17 DECEMBER 2018, UTM.
1 JANUARY-31 DECEMBER 2018	26	:	<b>ACADEMIC ADVISOR</b> , UTM EXCHANGE STUDENT, RICARDO DURAN SAGARNAGA, UNIVERSITY OF APPLIED SCIENCE, GERMANY.
3 SEPTEMBER 2018 - PRESENT	27	:	<b>COORDINATOR</b> , FELO PENYELIDIKAN BERSEKUTU PUSAT KEJURUTERAAN KARDIOVASKULAR IJN-UTM, IHUMEN UTM.
1 JANUARY 2018- PRESENT	28	:	<b>INTERNAL AUDITOR</b> , PANEL MODERATOR SOALAN PEPERIKSAAN AKHIR SEMESTER 1 2018/2019
19 OCTOBER 2018	29	:	<b>ASSISTANT CHAIRMAN</b> , VIVA-VOCE PH.D., AZAH BINTI ABDUL KADIR, UTM.
23 MAY 2018	30	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 SYMPOSIUM, MASTER OF ENGINEERING BUSINESS MANAGEMENT, MASTER OF SYSTEMS ENGINEERING & MASTER OF ENGINEERING DESIGN, SEMESTER I SESSION 2018/2019, UTM RAZAK SCHOOL.
12 DECEMBER 2018	31	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 2 SYMPOSIUM, MASTER OF ENGINEERING BUSINESS MANAGEMENT, SEMESTER I SESSION 2018/2019, UTM RAZAK SCHOOL.
13 DECEMBER 2018	32	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 SYMPOSIUM, MASTER OF OCCUPATIONAL SAFETY & HEALTH MANAGEMENT, SEMESTER I SESSION 2018/2019, UTM RAZAK SCHOOL.
15 JULY 2018	33	:	<b>PANEL ASSESSMENT</b> , FINAL YEAR PROJECT (FYP) POSTER, MECHANICAL PRECISION ENGINEERING (MPE) DEPARTMENT, MALAYSIA-JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIIT), UTM KUALA LUMPUR.
19 DECEMBER 2017	34	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 2 SYMPOSIUM, MASTER OF OCCUPATIONAL SAFETY & HEALTH MANAGEMENT, SEMESTER I SESSION 2017/2018, UTM RAZAK SCHOOL.
NOVEMBER 2017- DECEMBER 2017	35	:	<b>TECHNICAL ASSESSOR</b> , GRANT UNIVERSITY PROPOSAL TIER 1 2018/1, NICHE AREA INNOVATIVE ENGINEERING.
14 AUGUST 2017	36	:	<b>INTERNAL AUDITOR</b> , PANEL PENILAI AUDIT PEMATUHAN PROGRAM MASTER OF SOFTWARE ENGINEERING, UTM SEKOLAH INFORMATIK TERMAJU (UTM AIS) UTM KL.
6 JUNE 2017	37	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 & 2 SYMPOSIUM, MASTER OF ENGINEERING BUSINESS MANAGEMENT, MASTER OF OCCUPATIONAL SAFETY & HEALTH MANAGEMENT SEMESTER II SESSION 2016/2017, UTM RAZAK SCHOOL.
30 MAY 2017	38	:	<b>PANEL EXAMINER</b> , FIRST STAGE EXAMINATION, NORHIWANI BINTI MOHD HAPIPI, ANISTROPIC MAGNETORHEOLOGICAL ELASTOMER (MRE), 30 MAY 2017, UTM.
23 MAY 2017	39	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 2 SYMPOSIUM, MASTER OF ENGINEERING BUSINESS MANAGEMENT, SEMESTER II SESSION 2016/2017, UTM RAZAK SCHOOL.
22 MAY 2017	40	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 SYMPOSIUM, MASTER OF OCCUPATIONAL SAFETY & HEALTH MANAGEMENT, SEMESTER II SESSION 2016/2017, UTM RAZAK SCHOOL.
12 MAY 2017	41	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 SYMPOSIUM, MASTER OF ENGINEERING BUSINESS MANAGEMENT, SEMESTER II SESSION 2016/2017, UTM RAZAK SCHOOL.
5 MAY 2017	42	:	<b>PANEL ASSESSMENT</b> , FINAL YEAR PROJECT (FYP) POSTER, MECHANICAL PRECISION ENGINEERING (MPE) DEPARTMENT, MALAYSIA-JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIIT), UTM KUALA LUMPUR.
25 APRIL 2017	43	:	<b>PANEL MODERATOR</b> , FINAL EXAMINATION QUESTION MODERATION WORKSHOP, MSC. SYSTEM ENGINEERING, SEMESTER 2 SESSION 2016/2017.
10 MARCH 2017- 10 MAY2017	44	:	<b>EVALUATOR</b> , RAZAK SCHOOL RESEARCH FUND GRANT, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM, KUALA LUMPUR.
6 MARCH 2017	45	:	<b>INTERNAL AUDITOR</b> , COURSE FILE AUDIT, PREPARATION FOR EXTERNAL AUDITOR ACCREDITION COMPLIANCE (MEBM).
9 DECEMBER 2016	46	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 2 SYMPOSIUM, MASTER OF ENGINEERING BUSINESS MANAGEMENT, SEMESTER I SESSION 2016/2017, UTM RAZAK SCHOOL.
9 DECEMBER 2016	47	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 & 2 SYMPOSIUM, MASTER OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER I SESSION 2016/2017, UTM RAZAK SCHOOL.
1 NOVEMBER 2012- 31 OCTOBER 2016	48	:	<b>COORDINATOR</b> , EXECUTIVE DIPLOMA IN MANUFACTURING SYSTEM ENGINEERING, UTM RAZAK SCHOOL IN ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
29 SEPTEMBER 2016	49	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , ENGINEERING DOCTORATE COLLOQUIUM, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.

20 MAY 2016	50	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , RESEARCH PROPOSAL DEFENSE (PH.D.), UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
26-27 MAY 2016	51	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 & 2 FOR PROGRAM EXECUTIVE MASTER OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER II SESSION 2015/2016, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
27 APRIL 2016	52	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , RESEARCH PROPOSAL DEFENSE (MASTER), UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
15 OCTOBER 2015	53	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MECHANICAL DESIGN PROJECT, DIPLOMA MECHANICAL ENGINEERING, SEMESTER I SESSION 2015/2016, MECHANICAL ENGINEERING DEPARTMENT, CENTER FOR DIPLOMA STUDIES, UTM KUALA LUMPUR.
NOVEMBER- DECEMBER 2015	54	:	<b>TECHNICAL EVALUATOR</b> , GRANT UNIVERSITY PROPOSAL TIER 1 2016/1, NICHE AREA INNOVATIVE ENGINEERING.
NOVEMBER- DECEMBER 2015	55	:	<b>TECHNICAL EVALUATOR</b> , GRANT UNIVERSITY PROPOSAL TIER 2 2016/1, NICHE AREA INNOVATIVE ENGINEERING.
14 DECEMBER 2015	56	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , PEMBENTANGAN PELAJAR PROGRAM LUAR MASTER PROJECT 1, MASTER OF SCIENCE ENGINEERING BUSINESS MANAGEMENT) SEMESTER 1 2015/2016, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
15 DECEMBER 2015	57	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , PEMBENTANGAN PELAJAR PROGRAM LUAR MASTER PROJECT 2, MASTER OF SCIENCE ENGINEERING BUSINESS MANAGEMENT SEMESTER 1 2015/2016, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
14 DECEMBER 2015	58	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , PEMBENTANGAN PELAJAR PROGRAM LUAR MASTER PROJECT 1, MASTER OF SCIENCE SYSTEM ENGINEERING SEMESTER 1 2015/2016, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
17 DECEMBER 2015	59	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , PEMBENTANGAN PELAJAR PROGRAM LUAR MASTER PROJECT 2, EXECUTIVE MASTER OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER 1 2015/2016, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
3 DECEMBER 2015	60	:	<b>CHAIRPERSON</b> , RESEARCH PROPOSAL DEFENSE : DOCTOR OF PHYLOSOPHY, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY.
3-9 DECEMBER 2015	61	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , RESEARCH PROPOSAL DEFENSE (PH.D.), UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR
29 SEPTEMBER 2015	62	:	<b>ASSISTANT CHAIRMAN</b> , VIVA-VOCE PH.D., MOHD YAZID BIN ABU, MAHALANOBIS-TAGUCHI SYSTEM BASED DECISION MAKING SYSTEM FOR REMANUFACTURING SYSTEM, 29 SEPTEMBER 2015, UTM.
3 AUGUST 2015	63	:	<b>INTERNAL AUDITOR</b> , NEW EDGE PROVIDER. LAWATAN AUDIT KE PUSAT PENGURUSAN PROGRAM BARU DI INTERGRATED COMMERCE SDN BHD, BUDIMAN DINAMIK SDN BHD DAN PEM EXCELLENCE SDN BHD.
7 JULY 2015	64	:	<b>MODERATOR</b> , FINAL EXAM QUESTIONS, SEMESTER 1, SESSION 2014/2015, FACULTY OF MECHANICAL ENGINEERING, CENTRE FOR DIPLOMA STUDY, UTM SPACE.
4-5 JUNE 2015	65	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 & 2 PRESENTATION, EXECUTIVE MASTER OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER 2 2014/2015, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
1 JUNE 2015	66	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 & 2 PRESENTATION, MASTER OF SCIENCE ENGINEERING BUSINESS MANAGEMENT, SEMESTER 2 2014/2015, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
1 JUNE 2015	67	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT 1 & 2 PRESENTATION, EXECUTIVE MASTER OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER 2 2014/2015, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
27 MAY 2015	68	:	<b>SECRETARY</b> , SEMINAR ON PRINCIPLES AND APPLICATIONS OF SCANNING PROBE MICROSCOPE, UTM KUALA LUMPUR, 27 MAY 2015.
20 MAY 2015	69	:	<b>PANEL EXAMINER</b> , FIRST STAGE EXAMINATION , (DOCTOR PHILOSOPHY), ZAN AIZUDIN ZAINAL ABIDIN, JOINT OPTIMIZATION OF SELF RIVET OF AN AUTOMOTIVE B-PILLAR, 20 MAY 2015, UTM.
19 MAY 2015	70	:	<b>ASSISTANT CHAIRMAN</b> , VIVA-VOCE PH.D., SITI ZALEHA OMAIN, SUPPLY CHAIN MANAGEMENT PRACTICE IN MALAYSIA PALM OIL FIRM, 19 MAY 2015, UTM.
29-30 APRIL 2015	71	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , RESEARCH PROPOSAL DEFENSE (PH.D.), UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
9-29 MARCH 2015	72	:	<b>INVIGILATOR EXAMINATION</b> , FINAL EXAMINATION, SEMESTER II, SESSION 2014/2015.
5 MARCH 2015	73	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , PH.D. INDUSTRY COLLOQUIUM, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
20-21 MAY 2014	74	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , EXECUTIVE MASTER PROJECT OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER 2 2013/2014, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR .



21 MAY 2014	75	:	<b>CHAIRPERSON</b> , EXECUTIVE MASTER PROJECT OF OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT, SEMESTER 2 2013/2014, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
29 DECEMBER 2014	76	:	<b>ASSISTANT CHAIRMAN</b> , VIVA-VOCE PH.D. (MECHANICAL ENGINEERING), A MASTER PLAN FOR THE IMPLEMENTATION OF SUSTAINABLE ENTERPRISE RESOURCE PLANNING SYSTEM, 29 DECEMBER 2014, UTM.
16 DECEMBER 2014	77	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , ENGINEERING DOCTORATE COLLOQUIUM, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
10 DECEMBER 2014	78	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MASTER PROJECT OF ENGINEERING BUSINSS MANAGEMENT, SEMESTER 1 2014/2015, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
24-25 NOVEMBER 2014	79	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , RESEARCH PROPOSAL DEFENSE (MASTER), UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
17 OCTOBER 2014	80	:	<b>PANEL OF ACADEMIC ASSESSOR</b> , MECHANICAL DESIGN PROJECT, DIPLOMA MECHANICAL ENGINEERING, SEMESTER I SESSION 2014/2015, MECHANICAL ENGINEERING DEPARTMENT, CENTER FOR DIPLOMA STUDIES, UTM KUALA LUMPUR.
29-16 OCTOBER 2014	81	:	<b>INVIGILATOR EXAMINATION</b> , FINAL EXAMINATION, SEMESTER I, SESSION 2014/2015.
25-27 AUGUST 2014	82	:	<b>MARKETING OFFICER</b> , CONFERENCE OF OCCUPATIONAL SAFETY & HEALTH 2014, KUALA LUMPUR CONVENTION CENTRE, KUALA LUMPUR.
DECEMBER 2013	83	:	<b>INTERNAL EXAMINER</b> , FINAL PROJECT BACHELOR OF SCIENCE (INDUSTRIAL DESIGN), SEMESTER 1 2013 /2014, UTM RAZAK SCHOOL.
SEPTEMBER 2013	84	:	<b>JOURNAL REVIEWER</b> , TEKNOLOGI UTM PRESS, TITLE: DYNAMIC RESPONSE OPTIMIZATION FOR CEMENTED CARBIDE INJECTION MOLDING.
SEPTEMBER 2013	85	:	<b>JOURNAL REVIEWER</b> , TEKNOLOGI UTM PRESS, TITLE: OUTLIERS EFFECT IN MEASUREMENT DATA FOR T-PEEL ADHESION TEST USING ROBUST PARAMETER DESIGN.
JULY 2013	86	:	<b>INTERNAL REVIEWER</b> , THE JAPANESE CHAMBER OF TRADE AND INDUSTRIAL , MALAYSIA (JACTIM) 2013 RESEARCH PROPOSAL COMPETITION, MALAYSIA - JAPAN INTERNATIONAL INSTITUTE TECHNOLOGY , UTM KUALA LUMPUR.
JUNE 2013	87	:	<b>ACADEMIC FACILITATOR</b> , PROGRAM HOW TO GET YOURSELF EMPLOYED (HTGYE) SEMESTER 2 SESSION 2012/2013.
2013	88	:	<b>CHAIRMAN</b> , TASK FORCE PROMOTION & MARKETING STRATEGY EXECUTIVE DIPLOMA EDGE, UTM RAZAK SCHOOL.
2013	89	:	<b>INDUSTRIAL TRAINING SUPERVISOR</b> , BACHELOR DEGREE STUDENTS (SARJANA REKABENTUK INDUSTRI) SEMESTER II SESSION 2012/2013 UTM RAZAK SCHOOL, UTM KL.
2013	90	:	<b>ACADEMIC EVALUATOR</b> , PHD INDUSTRY RESEARCH COLLOQUIUM SCHOOL OF GRADUATE STUDIES (SPS), UTM KL.
2013	91	:	<b>ACADEMIC FACILITATOR</b> , HOW TO GET YOURSELF EMPLOYED PROGRAMME, UTM RAZAK SCHOOL, UTM KL.
SEPTEMBER 2012	92	:	<b>INDUSTRIAL TRAINING SUPERVISOR</b> , BACHELOR DEGREE STUDENTS (SHR AND SRI) SEMESTER II SESSION 2011/2012 UTM RAZAK SCHOOL.
FEBRUARY 2012	93	:	<b>COURSE COORDINATOR</b> , SKMM1113 MECHANICS OF SOLIDS 1, UTM RAZAK SCHOOL.
APRIL 2012	94	:	<b>ACADEMIC FACILITATOR &amp; PANEL INTERVIEWER PROGRAM</b> , HOW TO GET YOURSELF EMPLOYED (HTGYE) SEM 2 SESSION 2011/2012, UTM RAZAK SCHOOL.
2006 – 2008	95	:	<b>UTM SUPERVISOR</b> , INDUSTRIAL TRAINING FOR MECHANICAL ENGINEERING STUDENTS (DDJ) PROGRAM PENGAJIAN DIPLOMA UTM KUALA LUMPUR.
2006 – 2008	96	:	<b>ACADEMIC ADVISOR</b> , MECHANICAL ENGINEERING STUDENTS, (DDJ) PROGRAM PENGAJIAN DIPLOMA, UTM KUALA LUMPUR.

## 7.2 ACADEMIC COMMITTEE APPOINTMENT

7 SEPTEMBER 2015 – 6 DECEMBER 2020	1	:	<b>COMMITTEE EVALUATOR</b> , TECHNICAL SPECIFICATION AND TECHNICAL EVALUTION FOR UNIT PENGURUSAN MAKMAL UNVIERSITI (UPMU), UTM KUALA LUMPUR.
1 SEPTEMBER 2017-31 AUGUST 2020	2	:	<b>COMMITTEE MEMBER</b> , MARKETING UNIT UTM RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTM KUALA LUMPUR.
27 NOVEMBER 2018 - PRESENT	3	:	<b>COMMITTEE MEMBER</b> , COMMERCIALIZATION ON STEAM LEARNING LAB FOR STEM FUN LEARNING TOY LIBRARY UNDER ICP PROGRAM BETWEEN ACRE WORKS SDN BHD AND UTM RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
9 DECEMBER 2016- PRESENT	4	:	<b>COMMITTEE MEMBER</b> , MASTER PROJECT UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
9 DECEMBER 2016- PRESENT	5	:	<b>COMMITTEE MEMBER</b> , MASTER'S PROJECT SYMPOSIUM, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
1 OCTOBER-25 OCTOBER 2018	6	:	<b>COMMITTEE MEMBER</b> , TASKFORCE AUDIT PENGEKALAN SWAAKREDITASI UTM 2018.

1 JANUARY 2018-30 JUNE 2018	7	:	<b>COMMITTEE MEMBER</b> , TASK FORCE MARKETING UNIT 2016/2017, RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.
20 FEBRUARY 2017-31 DECEMBER 2018	8	:	<b>COMMITTEE MEMBER</b> , PENERBITAN JURNAL UTM RAZAK SCHOOL.
1 SEPTEMBER-31 DECEMBER 2018	9	:	<b>COMMITTEE MEMBER</b> , POSTGRADUATE NEW PROGRAM FOR POLITECHNICS LECTURERS.
20 APRIL 2017	10	:	<b>COMMITTEE MEMBER AND FACILITATOR</b> , 1 DAY SHORT COURSE NON-INDEX JOURNAL UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
12 APRIL 2016	11	:	<b>PAPERWORK COMMITTEE MEMBER</b> , NEW PROGRAM EXECUTIVE DIPLOMA MAINTENANCE ENGINEERING, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
12 APRIL 2016	12	:	<b>COMMITTEE MEMBER</b> , COPPA PROGRAM MASTER SCIENCE OF ENGINEERING DESIGN, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
1 JANUARY 2016	13	:	<b>COMMITTEE MEMBER</b> , NEW PROGRAM EXECUTIVE DIPLOMA MAINTENANCE ENGINEERING, UTM RAZAK SCHOOL OF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
4 DECEMBER 2015	14	:	<b>COMMITTEE MEMBER</b> , BOOK CHAPTERS WORKSHOP, VEHICLE SAFETY RESEARCH GROUP, UTM KUALA LUMPUR.
14 MAY 2015	15	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA) BETWEEN UTM WITH ACE RESOURCES AND SOLUTIONS SDN BHD.
28 APRIL 2015	16	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA) EDGE UTM RAZAK SCHOOL WITH SPECIALIST KNOWLEDGE CENTRE SDN BHD.
28 APRIL 2015	17	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA) BETWEEN UTM WITH SPECIALIST KNOWLEDGE CENTRE SDN. BHD AND EDUCATION (M) FLIGHT ACADEMY SDN. BHD.
27 SEPTEMBER 2014	18	:	<b>COMMITTEE MEMBER</b> , MAJLIS KONVOKESYEN DIPLOMA EKSEKUTIF UTM RAZAK SHOOLOF ENGINEERING AND ADVANCED TECHNOLOGY, UTM KL.
14 MAY 2014	19	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT CEREMONY (MOA) BETWEEN UNIVERSITI TEKNOLOGI MALAYSIA WITH ACE RESOURCES AND SOLUTIONS SDN. BHD.
14 MAY 2014	20	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT CEREMONY (MOA) BETWEEN UNIVERSITI TEKNOLOGI MALAYSIA WITH BRIGHT NEWSTAR (M) SDN. BHD.
30 JULY 2013	21	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA) BETWEEN UNIVERSITY TEKNOLOGI MALAYSIA WITH SHINGO U SDN BHD.
13 JUNE 2013	22	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA) ADVANCED ACTIVE REMOTE SENSING BETWEEN UTM RAZAK SCHOOL WITH GPS LANDS (M) SDN BHD.
13 JUNE 2013	23	:	<b>COMMITTEE MEMBER</b> , MEMORANDUM OF AGREEMENT (MOA) ADVANCED ACTIVE REMOTE SENSING BETWEEN UTM RAZAK SCHOOL UTM WITH RDG SUPPLY SDN. BHD.
OCTOBER 2012	24	:	<b>COMMITTEE MEMBER</b> , GRADUATE CERTIFICATE PRESENTATION CEREMONY FOR THE UNIVERSITY OF WARWICK AND UTM RAZAK SCHOOL GRADUATE 2012.
2012-2013	25	:	<b>COMMITTEE MEMBER</b> , DEVELOPMENT OF NEW POSTGRADUATE PROGRAM IN ENGINEERING DEPARTMENT, MASTER OF SCIENCE ENGINEERING PRODUCT & MASTER OF SCIENCE REALIBILITY ENGINEERING, UTM RAZAK SCHOOL.
DECEMBER 2012	26	:	<b>COMMITTEE MEMBER</b> , PANEL PRESENTATION PROPOSALS RESEARCH METHODOLOGY UDP0010, UTM RAZAK SCHOOL.
JULY 2012	27	:	<b>COMMITTEE MEMBER</b> , PROFESSIONAL QUALIFICATIONS DEVELOPMENT PROGRAM (PPKP) UTM RAZAK SCHOOL.
JUNE 2012	28	:	<b>COMMITTEE MEMBER</b> , PAPER PRESENTATION ASSESSMENT FOR THE STUDENT RESEARCH METHODOLOGY COURSE UDP0010 EM2 SESSION 2011/2012 UTM RAZAK SCHOOL.
MARCH 2012	29	:	<b>COMMITTEE MEMBER</b> , QUALITY MANAGEMENT REPORT UTM RAZAK SCHOOL BASED COPIA FORMAT - MQA 03, UTM RAZAK SCHOOL.
FEBRUARY 2012	30	:	<b>COMMITTEE MEMBER</b> , PREPARATORY COURSES ENGINEERING LABORATORY SME2921 - LABORATORY II.
2006 – 2008	31	:	<b>COMMITTEE MEMBER</b> , E-LEARNING FOR MECHANICAL ENGINEERING DEPARTMENT (PROGRAM PENGAJIAN DIPLOMA) UTM KUALA LUMPUR.
2006 – 2008	32	:	<b>COMMITTEE MEMBER</b> , TIME - TABLE MECHANICAL ENGINEERING DEPARTMENT (PROGRAM PENGAJIAN DIPLOMA) UTM KUALA LUMPUR.
2006 – 2008	33	:	<b>COMMITTEE MEMBER</b> , CURRICULUM MECHANICAL ENGINEERING DEPARTMENT (PROGRAM PENGAJIAN DIPLOMA) UTM KUALA LUMPUR.
2006 – 2008	34	:	<b>COMMITTEE MEMBER</b> , LABORATORY DEVELOPMENT MECHANICAL ENGINEERING DEPARTMENT PROGRAM PENGAJIAN DIPLOMA UTM KUALA LUMPUR.

## 8.0 INDUSTRY NETWORKING CONSULTATION

### 8.1 CONSULTATION PROJECT (AS MEMBER)

1	1 JANUARY 2018 – 20 DECEMBER 2018	<b>PROJECT CONSULTANT</b> , WORKSHOP ROBUST PARAMETER DESIGN AND ROBUST ENGINEERING, UTM KUALA LUMPUR- MEIJI UNIVERSITI JAPAN, AMERICAN INSTITUTE, ASI SUPPLIER, QUALITY ENGINEERING SOCIETY AND NATIONAL INSTITUTE AND RELIABILITY BANGALORE, A.K560000.5608.06275.	RM1,000.00
2	1 JANUARY 2018 – 20 DECEMBER 2018	<b>PROJECT CONSULTANT</b> , WORKSHOP MAHALANOBIS TAGUCHI SYSTEM , UTM KUALA LUMPUR- MEIJI UNIVERSITI JAPAN, AMERICAN INSTITUTE, ASI SUPPLIER, QUALITY ENGINEERING SOCIETY AND NATIONAL INSTITUTE AND RELIABILITY BANGALORE, A.K560000.5608.06275.	RM1,000.00
3	1 JANUARY 2018 – 20 DECEMBER 2018	<b>PROJECT CONSULTANT</b> , 7TH INTERNATIONAL CONFERENCE IN ENGINEERING BUSINESS MANAGEMENT (ICEBM) 2018 AND 4TH INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING(ICRQE) 2018, UTM KUALA LUMPUR- MEIJI UNIVERSITI JAPAN, AMERICAN INSTITUTE, ASI SUPPLIER, QUALITY ENGINEERING SOCIETY AND NATIONAL INSTITUTE AND RELIABILITY BANGALORE, A.K560000.5608.06275	RM56,652.22
4	1 JANUARY 2018 – 20 DECEMBER 2018	<b>PROJECT CONSULTANT</b> , 2ND INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY, KLCC, KUALA LUMPUR. WOMEN ENGINEERING SECTION, THE INSTITUTION IF ENGINEERING MALAYSIA(IEM)	RM180,000.00
5	3 SEPTEMBER 2018 - PRESENT	<b>FELO PENYELIDIK BERSEKUTU</b> , PUSAT KEJURUTERAAN KARDIOVASKULAR IJN-UTM iHumEn	RM80,000.00
6	3 MAY 2018	<b>PROJECT CONSULTANT</b> , PROGRAM MATERIALS LECTURE COMPETITION (MLC), PERINGKAT ANTARABANGSA, SCHOOL OF GRADUATE STUDENT, SPS UTM, KUALA LUMPUR	RM50,000.00
7		<b>PROJECT CONSULTANT</b> , USR RAZAK FACULTY ADOPT A KAMPUNG BAGI PROJEK BERKAITAN FUN LEARNING TOY LINRARY BAGI TAHUN 2018, 4X424	RM10,000.00
8	4-5 AUGUST 2018	<b>PROJECT CONSULTANT</b> , SPONSORSHIP FROM BIZIT SYSTEM(M) SDN BHD FOR 7TH INTERNATIONAL CONFERENCE IN ENGINEERING BUSINESS MANAGEMENT (ICEBM) 2018 AND 4TH INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING(ICRQE) 2018, UTM KUALA LUMPUR A.K560000.5608.06275	RM5,000.00
9	2017	<b>PROJECT CONSULTANT</b> , 6TH INTERNATIONAL CONFERENCE IN ENGINEERING BUSINESS MANAGEMENT (ICEBM) 2018. UTM RAZAK WITH MEIJI UNIVERSITY. A.K560000.5608.06275	RM25,359.30
10	2016-2017	<b>PROJECT CONSULTANT</b> , PROJEK MULTIVERSITY UTM TAZAK APEN JAIF. COLLABORATION UTM RAZAK WITH ASIA PROFESSIONAL EDUCATION NETWORK(APEN), JAPAN, 4B214	RM60,000.00
11	2017	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK 4 PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN SENENG, BACHOK, KELANTAN WITH KEMENTERIAN PELAJARAN MALAYSIA (KPM), 4X313	RM14,800.00
12	2017	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK 4 PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN SENENG, BACHOK, KELANTAN WITH KEMENTERIAN PELAJARAN MALAYSIA (KPM), 4X313	RM13,000.00
13	2017	<b>PROJECT CONSULTANT</b> , PERUNDINGAN HEMA UTMKL ADOPT A KAMPUNG SEK KEB SENENG, BACHOK, KELANTAN, MALAYSIA, 4X313	RM225.00
14	2017	<b>PROJECT CONSULTANT</b> , PERUNDINGAN HASANI BOOKS KL SDN BHD FOR ADOPT A KAMPUNG SEK KEB SENENG, BACHOK, KELANTAN, MALAYSIA, 4X313	RM500.00
15	2017	<b>PROJECT CONSULTANT</b> , PERUNDINGAN RESTOREN ALI MAJU SDN BHD FOR ADOPT A KAMPUNG SEK KEB SENENG, BACHOK, KELANTAN, MALAYSIA, 4X313	RM2,000.00
16	2017	<b>PROJECT CONSULTANT</b> , PERUNDINGAN WITH PERSATUAN SRIKANDI84 FOR ADOPT A KAMPUNG SEK KEB SENENG, BACHOK, KELANTAN, MALAYSIA, 4X313	RM5,000.00

17	2017	<b>PROJECT CONSULTANT</b> , WOMEN ENGINEERING INSTITUTE ENGINEERING MALAYSIA(IEM) FOR ADOPT A KAMPUNG SEK KEB SENENG, BACHOK, KELANTAN, MALAYSIA	RM500.00
18	10 JULY 2015 – 20 SEPTEMBER 2016	<b>PROJECT CONSULTANT</b> , SERVICES OF MATERIALS TESTING AND TECHNICAL CONSULTATION FOR TNB RESEARCH SDN BHD, BANDAR BARU BANGI, 18 MONTHS.	RM 130,000.00
19	2016	<b>PROJECT CONSULTANT AND TECHNICAL EVALUATOR</b> , SCANNING PROBE MICROSCOPE MAKMAL SAINS BAHAN, UNIT PENGURUSAN MAKMAL UNIVERSITI (UPMU), KUALA LUMPUR	RM450,000.00
20	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN KAMPUNG GERIS, DABONG, KELANTAN WITH KEMENTERIAN PELAJARAN MALAYSIA (KPM), 4X175	RM49,700.00
21	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK : DEVELOPMENT OF STEM SKILLS AND MOTIVATION VIA FUN LEARNING TOY LIBRARY BERBENTUK 10 UNIT KOMPUTER DARI IKRAM, HULU LANGAT, 4X175	RM10,000.00
22	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK : DEVELOPMENT OF STEM SKILLS AND MOTIVATION VIA FUN LEARNING TOY LIBRARY BERBENTUK BEKALAN UBAT-UBATAN DARI MERCY MALAYSIA, 4X175	RM10,000.00
22	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK : DEVELOPMENT OF STEM SKILLS AND MOTIVATION VIA FUN LEARNING, TOY LIBRARY BERBENTUK BARANG PERMAINAN STEM DAN RAK BUKU DARI PERSATUAN SRIKANDI84, 4X175	RM8,400.00
23	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK : DEVELOPMENT OF STEM SKILLS AND MOTIVATION VIA FUN LEARNING TOY LIBRARY BERBENTUK KEPERLUAN BARANGAN TOY LIBRARY DARI WONEM IN ENGINEERING, INSTITUTE ENGINEERING MALAYSIA(IEM).	RM600.00
24	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK : DEVELOPMENT OF STEM SKILLS AND MOTIVATION VIA FUN LEARNING TOY LIBRARY BERBENTUK TAJAAN PENGINAPAN DAN PANGANGKUTAN DARI UTM RAZAK SCHOOL, 4X175	RM8,700.00
25	2016	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN KAMPUNG GERIS, DABONG, KELANTAN. UTM RAZAK WITH MAJLIS AGAMA ISLAM DAN ADAT ISITIADAT MELAYU KELANTAN, 4X175	RM50,000.00
26	2016	<b>PROJECT CONSULTANT</b> , PROGRAM MOTIVASI UPSR PROGRAM JIHAD AKADEMIK	RM2,000.00
27	2016	<b>PROJECT CONSULTANT</b> , PROGRAM KOMUNITI DAN JALINAN MESRA DARI SEKOLAH KEBANGSAAN KUALA GERIS, DABONG, KELANTAN KE UTM RAZAK, KUALA LUMPUR. KERJASAMA SK KUALA GERIS, UTM RAZAK SCHOOL, KOLEJ KEDIAMAN SISWA JAYA UTM KL, MAKMAL ROBOTIK MJIIT, UTM KL, KEMENTERIAN KEWANGAN MALAYSIA, YAYASAN TUN JEANNE, GALERI TUN ABDULLAH BADAWI, SRIKANDI 84, SATAP UTM KL DAN ORANG-ORANG PERSENDIRIAN, 4X175	RM12,000.00
28	2016	<b>PROJECT CONSULTANT</b> , WORKSHOP MATERIALS AND TESTING OF MECHANICAL ENGINEERING (BOOK CHAPTERS), UTM RAZAK WITH PENERBIT UTM	RM30,000.00
29	2016	<b>PROJECT CONSULTANT</b> , WORKSHOP RISK MANAGEMENT TOWARDS SAFE PRACTICES (BOOK CHAPTERS), UM RAZAK WITH PUSTAKA SISTEM PELAJARAN SDN BHD	RM30,000.00
30	2015	<b>PROJECT CONSULTANT</b> , 4TH INTERNATIONAL CONFERENCE IN ENGINEERING BUSINESS MANAGEMENT (ICEBM) 2018. UTM RAZAK WITH MEIJI UNIVERSITY. A.K560000.5608.06275, 4X175	RM112,140.28
31	2015	<b>PROJECT CONSULTANT</b> , PROGRAM USR RAZAK SCHOOL ADOPT A KAMPUNG PROJEK PEMBINAAN FUN LEARNING TOY LIBRARY PRA SEKOLAH DI SEKOLAH KEBANGSAAN KAMPUNG GERIS, DABONG, KELANTAN DAN SEKOLAH KEBANGSAAN LALOH, KUALA KRAI, KELANTAN, 4X175	RM8,000.00

32	2014	<b>PROJECT CONSULTANT</b> , PROGRAM MYODYSSEY DI BAWAH PROGRAM PELAN STRATEGIK PENGAJIAN TINGGI NEGARA (PSPTN) 2 JANGKAUAN GLOBAL 'MALAYSIA : DIMENSI BAHARU DI BAWAH PERUNTUKAN INSTITUT PENYELIDIKAN PENDIDIKAN TINGGI NEGARA (IPPTN) BAGI TAHUN 2014. UTM RAZAK SCHOOL WITH KEMETERIAN PENDIDIKAN MALAYSIA. 4X027	RM 600,000.00
33	2013	<b>PROJECT CONSULTANT</b> , SEMINAR IN ADVANCED ACTIVE REMOTE SENSING. UTM RAZAKS SCHOOL WITH UTM INFOCOMM RESEARCH ALLANCE, UTM, UiTM, POLITEKNIK, INDUSTRIAL PARTNERS-RDG SUPPLY SDN BHD, GPS LANDS(M) SDN BHD, REIGL LASER MEASUREMENT SYSTEMS GmbH,AUSTRIA & IDS AUSTRALIA PTY LTD., AUSTRALIA	RM43,013.50
34	2013	<b>PROJECT CONSULTANT</b> , 1ST INTERNATIONAL CONFERENCE ON ROBUST QUALITY ENGINEERING(ICRQE) 2018. UTM RAZAK WITH AMERICAN SUPPLIER INSTITUTE USE, JAPAN QUALITY ENGINEERING SOCIEY JAPAN AND MEIJI UNIVERSITY. A.K560000.5608.06275	RM91,815.64
35	2013	<b>PROJECT CONSULTANT</b> , 1ST INTERNATIONAL CONFERENCE IN ENGINEERING BUSINESS MANAGEMENT (ICEBM). UTM RAZAK AND MEIJI UNIVERSITY. A.K560000.5608.06275	RM55,945.86
28	2013	<b>PROJECT CONSULTANT</b> , WORKSHOP ADVANCES IN STRUCTURE ANALYSIS FOR VEHICLE (BOOK CHAPTERS), UTM RAZAK WITH PENERBIT UTM PRESS	RM800.00
<b>TOTAL AMOUNT OF CONSULTATION PROJECT</b>			<b>RM2,337,151.80</b>

## 8.2 MOU/MOA/AGREEMENT WITH INDUSTRY

1	2018-2020	MOU ACRE WORKS SDN BHD AND ADOPT A KAMPUNG RAZAK FACULTY - STEAM LEARNING LABORATORY: STEM MODEL LAB	RM 78,400.00
2	2018-2020	MOU ACRE WORKS SDN BHD AND ADOPT A KAMPUNG RAZAK FACULTY - STEAM LEARNING LABORATORY: STEM FUN LEARNING TOY LIBRARY	RM 43,300.00
3	2019	MOU SUDAN ACADEMIC COLLABORATION PRGRAM-UTM RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS.	RM 200,000.00
<b>TOTAL VALUE OF MOU/MOA/AGREEMENT WITH INDUSTRY</b>			<b>RM 321,700.00</b>

## 8.3 INDUSTRY RECOGNITION

1	2019	: <b>JUDGE</b> , MMU RESEARCH INNOVATION COMMERCIALISATION & ENTREPRENEURSHIP SHOWCASE (RICES) 2019, 7 NOVEMBER 2019 MULTIMEDIA UNIVERSITY, CYBERJAYA SELANGOR
2	2019	: <b>ESTEEMED MEMBER OF THE PANEL OF JUDGES</b> , INVENTION, INOVATION AND DESIGN EXPOSITION 2019(IIDEX 2019), DATC, 12 SEPTEMBER 2019,UNIVERSITI TEKNOLOGI MARA (UITM), SHAH ALAM SELANGOR
3	2019	: <b>EXPERT</b> , COLLABORATION PROGRAM WITH SPECIAL NEED GROUP WITH NATIONAL LIBRARY OF MALAYSIA ON 23 MARCH 2019, ANJUNG BESTARI, PERPUSTAKAAN NEGARA MALAYSIA
4	2018	: <b>ESTEEMED MEMBER OF THE PANEL OF JUDGES</b> , INVENTION, INOVATION AND DESIGN EXPOSITION 2018(IIDEX 2018), DATC, 28 SEPTEMBER 2018 UNIVERSITI TEKNOLOGI MARA (UITM), SHAH ALAM SELANGOR

## 8.4 COMMUNITY INVOLVEMENT PROJECT (CCIN)

1	2018	<b>4X424</b> , ANNAJAH COMMUNITY- GROOMING FUTURE SCIENTISTS AND ENGINEERS FROM THE ROOT THROUGH FUN LEARNING CONCEPT	RM 5,850.00
2	2018	<b>4X364</b> , GROOMING FUTURE SCIENTISTS AND ENGINEERS FROM THE ROOT THROUGH FUN LEARNING CONCEPT	RM 8,100.00
3	2017	<b>4X313</b> , CENTRE FOR COMMUNITY AND INDUSTRY NETWORK (CCIN)- ANNAJAH COMMUNITY -IMPACT OF FUN LEARNING TOY LIBRARY FOR STEM EDUCATION AT SEK. KEB. SENENG BACHOK KELANTAN	RM 13,000.00
4	2016	<b>4X175</b> , CENTRE FOR COMMUNITY AND INDUSTRY NETWORK (CCIN)- ANNAJAH COMMUNITY -DEVELOPMENT OF STEM FUN LEARNING TOY LIBRARY FOR SEK. KEB. KUALA GERIS DABONG KELANTAN	RM 20,000.00

## **9.0 COMMERCIALIZATION AND ENDOWMENT CONTRIBUTION**

### **9.1 COMMERCIALIZATION ACHIEVEMENT**

#### **9.1.1 SUMMARY OF INTELLECTUAL PROPERTY RIGHTS IPR**

1	PATENT	:	-	
2	COPYRIGHT	:	9	GRANTED
3	INDUSTRIAL DESIGN	:	-	GRANTED
4	TRADEMARK	:	2	GRANTED

#### **9.1.2 DETAILS OF IPR**

2019	COPYRIGHT	LY2019004847	RISK MATRIX ASSESMENT FOR HANDLING AND STORAGE OF CARGO AT PORT INDUSTRY IN MALAYSIA
2019	COPYRIGHT	LY2019004849	FUZZY RISK MATRIX ASSESSMENT FOR PORT TERMINAL OPERATION
2019	COPYRIGHT	CRLY00021139	RISK MANAGEMENT FRAMEWORK FOR HANDLING AND STORAGE OF CARGO AT MAJOR PORT IN MALAYSIA
2018	COPYRIGHT	LY2018001947	MEASUREMENT TOOL FOR ASSESING RESEARCH INFROMATION
2018	COPYRIGHT	LY2017001951	PROGRAMME SOFTWARE FOR CONDUCTING LIFE ASSESSMENT OF ELECTRONIC WASTE (MYLCA-EWASTE SYSTEM)
2018	COPYRIGHT	IP/CR/2016/1643	BORANG SOAL SELIDIK TERHADAP PROJEK USR KE-2 :PEMBINAAN FUN LEARNING TOY LIBRARY
2018	COPYRIGHT	UTM.J.14.01/27.1 3/1JLD116(8)	INDUSTRY PANEL INTERVIEW PROTOCOL FOR PROFESSIONAL EDUCATION DEVELOPMENT IN MALAYSIA
2018	COPYRIGHT	UTM.J.14.01/27.1 3/1JLD116(9)	INDUSTRY PANEL INTERVIEW PROTOCOL FOR PROFESSIONAL EDUCATION DEVELOPMENT IN MALAYSIA
2018	COPYRIGHT	IP/TM/2016/0711	MICRO TURBINE DESIGN
2018	TRADEMARK	IP/TM/2018/0711	ADOPT A KAMPUNG LOGO, MALAYSIA PATENT
2018	TRADEMARK	LY2018006584	ADOPT A KAMPUNG LOGO

### **9.2 ENDOWMENT CONTRIBUTION**

#### **9.2.1 SUMMARY OF ENDOWMENT CONTRIBUTION TO UTM (2017-2019)**

1	ENDOWNMENT UTM RAZAK FACULTY (PEMOTONGAN GAJI)	RM 2,000.00
2	CONTRACT RESEARCH	RM 5,000.00
	<b>TOTAL</b>	<b>RM 7,000.00</b>

#### **9.2.2 DETAILS OF ENDOWMENT**

1	ENDOWNMENT UTM RAZAK FACULTY (PEMOTONGAN GAJI)	RM 2,000.00
	<b>TOTAL AMOUNT OF CONTRIBUTION</b>	<b>RM 2,000.00</b>

#### **9.2.3 DETAILS OF CONTRACT RESEARCH ENDOWMENT**

1	PENYERAHAN ENDOWNMENT KEPADA UTM DARI THE 4TH INTERNATIONAL CONFERENCE IN ENGINEERING BUSINESS MANAGEMENT (ICEBM) 2018. UTM RAZAK WITH MEIJI UNIVERSITY.	RM 5,000.00
	<b>TOTAL AMOUNT OF CONTRIBUTION</b>	<b>RM 5,000.00</b>

## **10.0 PROFESSIONAL EXPERIENCE**

### **10.1 PROFESSIONAL EXPERIENCE**

1 NOVEMBER 2016-30 JUNE 2020 : **MEBM COORDINATOR**, MASTER IN ENGINEERING BUSINESS MANAGEMENT, RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTM KUALA LUMPUR.

- 1 NOVEMBER 2016-30 JUNE 2020 : **EDEBM COORDINATOR**, EXECUTIVE DIPLOMA IN ENGINEERING BUSINESS MANAGEMENT(EDEBM), RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTM KUALA LUMPUR.
- 1 NOVEMBER 2012-31 OCTOBER 2016 : **COORDINATOR**, EXECUTIVE DIPLOMA IN MANUFACTURING SYSTEM ENGINEERING, UTM RAZAK SCHOOL IN ENGINEERING AND ADVANCED TECHNOLOGY, UTM KUALA LUMPUR.
- 1 OCTOBER 2012 - PRESENT : **SENIOR LECTURER**, RAZAK FACULTY OF TECHNOLOGY AND INFORMATICS, UTM KUALA LUMPUR.
- JUNE 2007 : **LECTURER**, COLLEGE SCIENCE OF TECHNOLOGY (KST), UTM KUALA LUMPUR.
- DECEMBER 2006 : **LECTURER**, PROGRAM OF DIPLOMA STUDIES (PPD), UTM KUALA LUMPUR.
- 2003 – 2006 : **INDUSTRIAL ENGINEERING ENGINEER**, PANASONIC COMMUNICATIONS (MALAYSIA) SDN. BHD
- a) STANDARD TIME CONTROLLER (FAX, ITS AND PBX)
    - CALCULATION AND VERIFICATION OF STANDARD TIME FOR THE NEW MODEL PRODUCTION DEVELOPMENT.
    - CONFIRMATION OF STANDARD TIME TO BE IN LINE IN ACCORDANCE TO THE REQUIREMENT OF QUALITY PLAN.
    - CHECKING ONLINE ACTUAL PROCESS AT PRODUCTION AND SUBCON (MCTRONIC BENUT, XIN GUANG ULU TIRAM, MARVELOUS PERFORMANCE (MP) GELANG PATAH AND FLAIRIS KOTA TINGGI) ACCORDANCE TO QUALITY PLAN AND STANDARD TIME PROVIDED.
  - b) INVOLVEMENT IN COST REDUCTION & COST BUSTER PROJECT
    - TARGET MODEL (FHD331 SERIES, FT70 SERIES, FT900 SERIES, TS500 SERIES & TSC11 SERIES) ACHIEVEMENT 0.02%.
    - REDUCTION OF STANDARD TIME THROUGH INTRODUCTION OF CELL SYSTEM.
    - IMPLEMENTATION OF JIG AND PROCESS INNOVATION TO REDUCE NON ADDED VALUE MOVEMENT.
    - REDUCTION OF WIP ON LINE (ACHIEVEMENT OF 5%)
  - c) SETTING UP OF NEW CELL PRODUCTION LINE SYSTEM
    - SETUP NEW CELL LINE PROD IN PCM AND SUBCONTRACTORS.
    - CALCULATION OF STANDARD TIME – (MANPOWER, WORKING HOUR, STD TIME AND ACHIEVEMENT) TO IMPROVE PRODUCTIVITY.
  - d) CELL MANUFACTURING IMPROVEMENT PROJECT
    - LEAD TIME REDUCTION (TARGET: FROM 4 DAYS TO 3 DAYS).
    - IMPLEMENTATION OF FULL SYSTEM CONCEPT FOR CUSTOMER. PULL SYSTEM MANAGEMENT TOWARDS CUSTOMER SATISFACTION (INTRODUCTION OF CFT CUSTOMER FOCUS TEAM AND SUPPLY SYSTEM).
    - STUDY ON MODEL CHANGE, LOST TIME, WIP REDUCTION, INVENTORY REDUCTION.