



PERSONAL DETAILS

Name : Dr Aede Hatib Bin Musta'amal @ Jamal
Gender : Male
Nationality : Malaysia

Permanent :

Correspondent :

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Website : educ.utm.my/aede/

Expertise : Technic and Vocational Education; Innovation and Creativity

ACADEMIC QUALIFICATIONS

2010 : Ph.D.
Loughborough University, Leicestershire, United Kingdom
1999 : M.Ed
Universiti Teknologi Malaysia
1998 : B. Sc. Mechanical Engineering
Universiti Teknologi Malaysia
1993 : Diploma Mechanical Engineering
Universiti Teknologi Malaysia

AWARD AND HONORS RECEIVED

Date : **Awards/Achievement**

i) 2012 – Anugerah Perkhidmatan Cemerlang Bagi Tahun 2012,
Fakulti Pendidikan, Universiti Teknologi Malaysia

ii) 2004 – Anugerah Perkhidmatan Cemerlang Bagi Tahun 2004,
Jabatan Pengajian Politeknik dan Kolej Komuniti, Kementerian
Pengajian Tinggi Malaysia

OTHERS ACHIEVEMENT AWARD RECEIVED

| Date | : | Awards/Achievement |
|------|---|--|
| | | i) 2016 – Silver Award, Nornazira Suhairon, Aede Hatib Musta’amal , Nor Fadila Mohd Amin & Arasinah Khamis, Innovative Practices in Education and Industry Exhibition (I-PEINX 2016) |
| | | ii) 2016 – Best Research Paper Award, Aede Hatib Musta’amal , Nazaruddin Mohtaram, Norzanah Rosmin & Mohd Aswad Fakhruddin. “Kreativiti Dalam Kalangan Pelajar Tahun Akhir Diploma Politeknik”. The 1st Conference in Engineering, Technology, and Education (CETED) 2016, 5 – 6 Oktober 2016, Melaka, Malaysia |

WORKING EXPERIENCE/PROFESSIONAL MEMBERSHIP

| Date | : | Positions/Employer: |
|------|---|--|
| | | i) Jan 2016 ~ Jan 2017 – Academic Attachment, Kolej Vokasional Tanjung Puteri Johor Bahru |
| | | ii) 14 February 2011 – Present – Senior Lecturer, Technical and Engineering Department, Faculty of Education, Universiti Teknologi Malaysia |
| | | iii) 03 October 2005 -13 February 2011 – Lecturer, Technical and Engineering Department, Faculty of Education, Universiti Teknologi Malaysia |
| | | iv) 16 June 1999 – 30 September 2005, Lecturer, Mechanical Engineering Department, Politeknik Johor Bahru, Ministry of Higher Education |
| | | v) 03 January 1994 – 01 December 1994, Technical Assistant, EPSON Precision (Johor) Sdn.Bhd, Johor Bahru. |
| | | vi) October 1993 – December 1993, Production Supervisor, Eastool Sdn Bhd, Kulai, Johor |
| | | vii) July 1993 – September 1993, Production Supervisor, MMI Industries (Malaysia) Sdn Bhd, Tampoi, Johor. |

Professional :

- i) Certified Energy Manager, ASEAN Energy Management Scheme (AEMAS), Certification No: CEM MY-091-0111, since Jan 2011~ present
- ii) Member, Grad.Engr, Institution of Engineer Malaysia (IEM), Membership No: 66676, since March 2014 ~ present

- iii) Member, Grad.Engr, Board of Engineer Malaysia (BEM), Membership No: 86853A, Aug 2013
- iv) Member, Asian Academic Society for Vocational Education and Training (AASVET), Membership No: M00011, since Jan 2013 ~ present
- v) Member, Malaysia Energy Professional Association (MEPA), Membership No:275, since April 2011 ~ present
- vi) Member, Persatuan Pendidikan Teknik dan Vokasional Malaysia (PPTVM), Membership No: V00475, since April 2011 ~ present
- vii) Vice President, Persatuan Pendidikan Teknik dan Vokasional Malaysia (PPTVM) Sesi 2014/2015

OTHERS MEMBERSHIP

| Date | : | Society/Community: |
|------|---|--|
| | | i) Editor, Jurnal Pendidikan Teknik dan Vokasional 2016 |
| | | ii) Consulting Editor, International Journal of Foundation Studies and Management (IJEFAM) – 2015 ~ 2016 |
| | | iii) Member, International Scientific Academy of Engineering and Technology (ISAET), 2013 ~ Present |
| | | iv) Member, Persatuan Pendidikan Sains dan Matematik Johor, December 2015 - Present |
| | | v) Member, Badan Kebajikan Staf Universiti (BAKES), 2012 ~ Present |
| | | vi) Member, Persatuan Kakitangan Akademik UTM (PKAUTM), 2012 ~ Present |
| | | vii) Head, Education Bureau of Malaysian Student and Community Loughborough, Leicestershire, UK, 2007~2008 |

ADMINISTRATIVE EXPERIENCE

University Level

| Date | : | Positions/Committe: |
|------|---|---|
| | | i) Task Force for the UTM Innovation & Commercialisation Strategic Implementation Year 2015 – 2017 -September 2015 ~ September 2017 |
| | | ii) University Postgraduate Studies Academic Commitee - Nov 2012 ~ Oct 2014 |
| | | iii) Taskforce ‘Kursus Matematik dan Kursus-kursus Kejuruteraan Berteraskan Matematik’ - Aug 2012 ~ July 2014 |

- iv) Adhoc Committee for Innovation and Creativity Course, Center for Student Innovation - July 2012 ~ June 2013
- v) Member, UTM Energy Management Committee- Mar 2011 ~ present

Faculty Level

Date : **Positions/Committee :**

- i) Aug 2016 – Aug 2018 – Member, Innovation and Commercialisation Committee for Faculty of Education.
- ii) Apr 2014 ~ Mar 2016 – Member, Committee for Facility Development Management, Energy and Green Office, Faculty of Education
- iii) Dec 2015 – Present – Head, Taskforce for Innovation, Faculty of Education Strategic Planning.
- iv) Nov 2012 ~ Oct 2014 – Academic Coordinator for Postgraduate Studies (Research), Faculty of Education
- v) Nov 2014 ~ Present – Acting Academic Coordinator for Postgraduate Studies (Research), Faculty of Education
- vi) Nov 2012 ~ Oct 2014 – Member, Faculty Management Committee, Faculty of Education
- vii) Dec 2012 ~ Dec 2014 – Member, Faculty Academic Committee, Faculty of Education
- viii) Mac 2011 ~ 31 December 2020 – Energy Manager, Faculty of Education
- ix) July 2011 ~ June 2013 – Member, ‘Panel Penilai Staf Fakulti Pendidikan’
- x) May 2013 – Member, Taskforce Collaboration Program Between Faculty of Education, UTM and University of Bristol, UK
- xi) Apr 2013 – Member, Taskforce ‘ Pengumpulan Bahan Bukti Anugerah Kualiti Akademiik (AKA) 2012, Faculty of Education
- xii) Feb 2013 – Member, Taskforce ‘ Pengumpulan Bahan Bukti Self Assessment Report (SAR) 2013’, Faculty of Education
- xiii) Dec 2012 ~ 2013 - Leader, Taskforce for Competency Guidelines of Supervision, Faculty of Education
- xiv) Dec 2012 ~ 2013 – Member, Improving Supervision Skill, Faculty of Education
- xv) Dec 2012 ~ 2013 - Member, Taskforce Postgraduate Research Quality, Faculty of Education
- xvi) Dec 2012 ~ 2013 – Member, Taskforce Project Graduate Competency, Faculty of Education
- xvii) Dec 2012 ~ 2013 – Member, Taskforce Curriculum Management Project, Faculty of Education
- xviii) Dec 2012 ~ 2013 – Taskforce Postgraduate Management Project, Faculty of Education
- xix) Dec 2012 ~ 2013 – Taskforce ‘Pelan Tindakan Pendidikan Pascasiswazah, Faculty of Education

- xx) Aug 2011 ~ July 2013 – Leader, Program Research Culture (Contract and Visiting Lecturers/Professors), Faculty of Education
- xxi) Aug 2011 ~ July 2013 – Member, Program Consultation Training, Faculty of Education
- xxii) Aug 2011 ~ July 2013 – Member, Program Research Culture (Lifelong Learning), Faculty of Education
- xxiii) Aug 2011 ~ July 2013 – Member, Program Industrial Training, Faculty of Education
- xxiv) Aug 2011 ~ July 2013 – Member, Program Preparation of Proposals, Faculty of Education
- xxv) Aug 2011 ~ July 2013 – Member, Program Promotion Marketing, Faculty of Education
- xxvi) Aug 2011 ~ July 2013 – Member, program Professional Attachment in School/Industries, Faculty of Education
- xxvii) Aug 2011 ~ July 2013 – Member, Student Centered Learning, Faculty of Education

Department Level

Date : **Positions/Committe:**

- i) Jan 2011 ~ Oct 2012 – Laboratory Manager, Technical and Engineering Education Department
- ii) Jan 2011 ~ Oct 2012 – Head of Engineering Drawing Laboratory, Technical and Engineering Education Department
- iii) Jan 2011 ~ Oct 2012 – Head of Computer Aided Design Laboratory, Technical and Engineering Education Department
- iv) Jan 2011 ~ Oct 2012 –Head of Invention Studio, Technical and Engineering Education Department
- v) Jan 2011 ~ Oct 2012 –Head of Welding Workshop, Technical and Engineering Education Department

OTHERS EXPERIENCE

INTERNATIONAL LEVEL

- i) Appointment as Guest Judge for the National Round of the ASEAN Global Innovation Challenges (A-GIC) Competition, organized by the ACS Malaysia International Chemical Science Chapter of the American Chemical Society, 13 October 2016
- ii) Appointment as Judge for the Global Innovation Challenges Sustainable Approaches For Global Water Security organized by Malaysia International Chemical Science Chapter, American Chemical Society (ACS) and Center for Student innovation (CSI), Universiti Teknologi Malaysia – 7 November 2015
- iii) Appointment as Guest Judge for the National Round of the South East Asian Global Innovation Challenges (SEAGIC) Competition for the National Round organized by Malaysia International Chemical Science Chapter 13 October 2015

- iv) Appointment as International Scientific Review Board for The 2015 International Conference on Engineering and Product Design Education (EPDE 2015).
- v) Appointment as Parallel Session Chair in the 1st International Conference on Educational Studies (ICES 2015), Faculty of Education, Universiti Teknologi Malaysia at Pulau Springs Resort Johor bahru, Johor – 3 ~ 4 Jun 2015
- vi) Appointment as Vice Chair in the International Education Postgraduate Seminar (IEPS 2014), Faculty of Education, Universiti Teknologi Malaysia at KSL Hotel and Resort, Johor bahru, Johor – 23 ~ 24 Nov 2014
- vii) Appointment as Parallel Session Chair Person in the International Education Postgraduate Seminar (IEPS 2014), Faculty of Education, Universiti Teknologi Malaysia at KSL Hotel and Resort, Johor bahru, Johor – 23 ~ 24 Nov 2014
- viii) Appointment as International Scientific Review Board for The 2014 International Conference on Engineering and Product Design Education (EPDE 2014).
- ix) Appointment as Supervisor in Novel Research and Innovation Competition 2014, Universiti Sains Malaysia – 19 ~ 22 Aug 2014
- x) Appointment as Committee Member in Technical and Vocational International Seminar TVEIS 2014) at Universiti Teknologi Malaysia – 25 ~ 26 Aug 2014
- xi) Appointment as Secretariat in “Konvensyen Antarabangsa Jiwa Pendidik 2014”, Universiti Teknologi Malaysia, Skudai, Johor – 11~ 13 Aug 2014
- xii) Appointment as Parallel Session Chair Person in Technical and Vocational International Seminar TVEIS 2014) at Universiti Teknologi Malaysia – 25 ~ 26 Aug 2014
- xiii) Appointment as International Scientific Review Board for The 2013 International Conference on Engineering and Product Design Education (EPDE 2013).
- xiv) Appointment as Parallel Session Chair Person, 2nd International Seminar on Quality & Affordable Education 2013 at KSL Hotel and Resorts, Johor Bahru, Johor – 08 ~ 10 Oct 2013
- xv) Appointment as Editor, Proceeding of 2nd International Seminar on Quality & Affordable Education 2013 – 01 Jan ~ 31 Nov 2013
- xvi) Appointment as Committee Member, 2nd International Seminar on Quality & Affordable Education 2013 – 01 Jan ~ 31 Nov 2013
- xvii) Appointment as International Scientific Review Board for The 2012 International Conference on Engineering and Product Design Education (EPDE 2012).

NATIONAL LEVEL

- i) Apointment as Project Consultant in ‘Program Pembangunan Kemahiran (PPK) Tahun 2016 Kursus Pembangunan Profesionalisme Berterusan Metodologi Pengajaran Dan Pembelajaran Untuk Tenaga Pengajar di bawah Jabatan Kebajikan Masyarakat’ – 31 October– 04 November 2016.
- ii) Apointment as Project Consultant in ‘Program Pembangunan Kemahiran (PPK) Tahun 2016 Kursus Pembangunan Profesionalisme Berterusan Metodologi Pengajaran Dan Pembelajaran Untuk Tenaga Pengajar di bawah Jabatan Kebajikan Masyarakat’ – 19 – 21 September 2016.
- iii) Appointment as Interviewer, Kemasukan Program Ijazah Sarjana Muda Pendidikan (ISMP) untuk Kemasukan Sesi Akademik 2016/2017,- 14 June 2016.
- iv) Appointment as Panel of Assessor in Innovation Poster Competition for National Conference on Research and Innovation 2015 (NCori 2015) – 27 October 2015
- v) Appointment as ‘Petugas Karnival Pengajian Tinggi Negara ‘Jom Masuk U’ 2014 – 16 ~ 17 Aug 2014

- vi) Appointment as Guest Editor, 'Prosiding Kolokium Penyelidikan & Inovasi JKM 2012. Towards Industrial Realization', Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan, Johor – 06 Dec 2012
- vii) Appointment as Member of Working Committee for UTMOST Imagination 2012, UTM – 29 Mar ~ 21 April 2012
- viii) Appointment as Committee Member, Seminar Kebangsaan Majlis Dekan IPTA 2012, The Zone Johor Bahru – 07 ~ 09 Oct 2012.
- ix) Appointment as Parallel Session Chair Person in Seminar Kebangsaan Majlis Dekan-Dekan Pendidikan IPTA 2012 at The Regency Hotel, Johor Bahru – 08 ~ 09 Oct 2012
- x) Appointment as Admission Interview Panel “Program ISMP dan DP Intake September Session 2012/2013” for Ministry of Education – 24 ~ 30 May 2012
- xi) Appointment as Admission Interview Panel “Program ISMP dan DP Intake September 2011/2012” for Ministry of Education – 25 May ~ 01 June 2011
- xii) Appointment as Admission Interview Panel for Intake 2006/2007 “Program ISMP and DP” for Ministry of Education – 2006

STATE/ COMMUNITY LEVEL

- i) Appointment as Panel of Judges, Science Innovation Challenges 2016 for Johor Secondary School, Faculty of Sciences, UTM, 22 September 2016
- ii) Appointment as Member in the Think Tanks Group 2016, Kolej Vokasional Tanjung Puteri, Johor Bahru.- Mac - Dec 2016.
- iii) Appointment as External Assessor in Pembentangan Projek Semester Akhir Diploma Kejuruteraan Mekanikal, Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan –06 October 2015
- iv) Appointment as External Assessor in Pembentangan Projek Semester Akhir Diploma Kejuruteraan Mekanikal Bahan, Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan – 25 March 2015
- v) Appointment as Head of Jury in Innovation Day Competition of Mechanical Engineering Department, Politeknik Merlimau Melaka June session 2015 – 30 September 2015
- vi) Appointment as Head Jury in 8th Innovation Competition by Centre for Student Innovation (CSI) UTM – 19 May 2015
- vii) Appointment as Panel Assessor for PIS Innovative Product to Malaysia Technology Expo (MTE) 2015 – 07 Jan 2015
- viii) Appointment as Panel of Assessor in Mechanical Department Exhibition 2014 (MEDEX 2014), Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan – 07 Oct 2014
- ix) Appointment as Innovation Product Assessment Panel in “Kolokium Reka Cipta, Inovasi dan Teknologi 2014 PIS”, organized by Politeknik Ibrahim Sultan, Kementerian Pelajaran Malaysia – 15 Jan 2014
- xiii) Appointment as Interviewer, Kemasukan Program Ijazah Sarjana Muda Pendidikan (ISMP) dan Diploma Pendidikan (DP) Ambilan September Sesi 2, 2014/2015 – 12 – 14 Jan 2015
- x) Appointment as ‘Penasihat Program Pendidikan Sekolah’, Sekolah Rendah Islam Ibnu Nafis, Indahpura, Kulaijaya – 18 Apr 2014 ~ Present
- xi) Appointment as Panel of Assessor in “Pertandingan Inovasi, Program Perkaya Inovasi, Politeknik Merlimau Melaka Sesi Disember 2013”, organized by Politeknik Merlimau Melaka, Kementerian Pendidikan Malaysia – 2 Apr 2014
- xii) Appointment as External Assessor in “Pembentangan Projek Semester Akhir Diploma Kejuruteraan Mekanikal Am Sesi Dis 2014’, organized by Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan, Kementerian Pendidikan Malaysia - 18 Mar 2014

- xiii) Appointment as External Assessor in “Pembentangan Projek Semester Akhir Diploma Kejuruteraan Mekanikal Am Sesi Julai 2014’, organized by Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan, Kementerian Pendidikan Malaysia - June 31, 2014
- xiv) Appointment as Expert Advisor for SMT Perdagangan Johor, Pertandingan Inovasi SMT/KV Peringkat Kebangsaan 2013 – 05 Sept 2013
- xv) Appointment as Evaluator, ‘Pertandingan Kumpulan Inovatif dan Kreatif (KIK) SMT/KV Zon Selatan 2013 – 05 Sept 2013
- xvi) Appointment as External Assessor in “Pembentangan Projek Semester Akhir Diploma Kejuruteraan Mekanikal Am 2013’, organized by Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan, Kementerian Pendidikan Malaysia – 02 Oct 2013
- xvii) Appointment as External Assessor in “Pembentangan Projek Semester Akhir Diploma Kejuruteraan Mekanikal Am Sesi Disember 2013’, organized by Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan, Kementerian Pendidikan Malaysia – 04 Apr 2013
- xviii) Appointment as Evaluator for Produk Projek Pertandingan Inovasi SMT/KV Peringkat Kebangsaan 2013, Sekolah Menengah Vokasional Perdagangan Johor – 05 Sept 2013
- xix) Appointment as ‘Panel Pemantauan Pengajaran Guru Tahun 2013 Sekolah Rendah Islam Ibnu Nafis, Indahpura, Kulajaya, Johor’ – 14 Feb 2013
- xx) Appointment as External Panel in “Kolokium Penyelidikan Dan Inovasi Politeknik Ibrahim Sultan Peringkat Zon Selatan 2013”, Politeknik Ibrahim Sultan, Kementerian Pengajian Tinggi Malaysia – 12 Dec 2013
- xxi) Appointment as Evaluation Panel in “ Projek Semester Akhir Sempena Hari Inovasi Jabatan Kejuruteraan Mekanikal, Politeknik Merlimau Sesi Disember 2011 dan Pelancaran Politeknik Merlimau Racing Team (POMERT),” Politeknik Merlimau Melaka, Kementerian Pengajian Tinggi Malaysia – 12 ~ 13 Apr 2012

UNIVERSITY LEVEL

- i) Appointment as Facilitator, ‘Problem Background and Problem Statement: Wheer is the Gap?’, JPTK Postgraduate Colloquium Semester 1, 2016/2017 – 29 September 2016
- ii) Appointment as Head Jury for 10TH Innovation Competition University Teknologi Malaysia, Center for Student Innovation UTM – 10 May 2016
- iii) Appointment as Faculty Coordinator for 9th Innovation Competition University Teknologi Malaysia, Center for Student Innovation UTM - Dec 2015
- iv) Appointment as Facilitator, “Literature Review: It’s not about copy and paste”, JPTK Postgraduate Colloquium Semester 1, Session 2015/2016 – 1st Oct 2015
- v) Appointment as Facilitator, “Problem Background and Problem Statement: Why is there always a problem?”, JPTK Postgraduate Colloquium Semester 2, Session 2014/2015 – 16 Apr 2015
- vi) Appointment as Head Jury for 8th Innovation Competition University Teknologi Malaysia, Center for Student Innovation UTM – 19 May 2015
- vii) Appointment as Head Jury for 7th Innovation Competition University Teknologi Malaysia, Center for Student Innovation UTM – 10 Dec 2014
- viii) Appointment as ‘Petugas UTM Postgraduate Info Day 2014’ UTM Johor Bahru – 8 ~ 9 Nov 2014
- ix) Appointment as ‘Petugas UTM Postgraduate Info Day 2014’ UTM Johor Bahru – 10 ~ 11 Mei 2014
- x) Appointment as Head of Jury in the “6th Innovation Competition, Center for Student Innovation, Universiti Teknologi Malaysia – January 1 – June 31, 2013
- xi) Appointment as Auditor for Energy System Audit UTM – Dec 2013

- xii) Appointment as Head of Jury in “Pertandingan Inovasi ke 5”, Center for Student Innovation, Universiti Teknologi Malaysia – January 1 – June 31, 2013
- xiii) Appointment as “Petugas Kaunter Postgraduate Info Day (18 ~ 19 May and 06 ~ 07 July)”, Sekolah Pengajian Siswazah, UTM – 2013
- xiv) Appointment as Interviewer for International Doctoral Fellowship Fund, Sekolah Pengajian Siswazah, UTM – 19 Nov 2013
- xv) Appointment as Facilitator and Speaker for “Bengkel Skim Geran Penyelidikan Eksploratori (ERGS) UTM JB organized by Research Alliance K-Economy, UTM – 11 Jan 2012
- xvi) Appointment as Facilitator and Speaker for “Bengkel Skim Geran Penyelidikan Eksploratori (ERGS) UTM KL organized by Research Alliance K-Economy, UTM – 18 Jan 2012
- xvii) Appointment as Facilitator for “Bengkel Training of Trainer (TOT) Kursus Umum Universiti Kluster Inovasi, Kreativiti dan Keusahawanan Siri 2 organized by Center for Student Innovation (CSI), and CGCC, UTM – 08 ~ 09 Aug 2012
- xviii) Appointment as Facilitator for “Bengkel Training of Trainer (TOT) Kursus Umum Universiti Kluster Inovasi, Kreativiti dan Keusahawanan Siri 1 organized by Center for Student Innovation (CSI), and CGCC, UTM – 24 ~ 26 Feb 2012

FACULTY LEVEL

- i) Appointment as Director in Hari Pembentangan dan Pameran Inovasi Pelajar Fakulti Pendidikan 2015
- ii) Appointment as Committee Member, First Year Experience (FYE) Program, Faculty of Education.
- iii) Appointment as Course Coordinator for Innovation in Teaching and Learning (MPPU 1003) Semester 2, Session 2015/2016
- iv) Appointment as Course Coordinator for MPPU1070 Critical Analysis Course Semester 1 Session 2014/2015
- v) Appointment as Committee Member in ‘Jawatankuasa Student Centered Learning Fakulti Pendidikan’ – 1 Apr 2014 ~ 31 Mar 2016
- vi) Appointment as Facilitator for Research Methodology Short Course (MPU 0020 and PPU 0020) Semester I Session 2015/2016
- vii) Appointment as Facilitator for Research Methodology Short Course (MPU 0020 and PPU 0020) Semester II Session 2013/2014
- viii) Appointment as ‘Pensyarah Pembimbing Latihan Mengajar Sesi 2013/2014’ – 9 Feb ~ 27 Mei 2014
- ix) Appointment as Facilitator for Research Methodology Short Course (MPU 0020 and PPU 0020) Semester I Session 2013/2014
- x) Appointment as Brief Proposal Evaluator for Research Methodology Short Course (MPU 0020 and PPU 0020) Semester I Session 2013/2014
- xi) Appointment as Facilitator, ‘Bengkel Pelan Tindakan Pasca Siswazah Fakulti Pendidikan – 28 ~ 30 Nov 2012
- xii) Appointment as Member of Panel Pemilihan Pemeriksa Tesis – 2012 ~ 2014
- xiii) Appointment as Chairman for “Jawatankuasa Peralatan dan Tempat, Hari Inovasi Fakulti Pendidikan UTM 2012” organized by Faculty of Education, UTM – 24 ~ 25 May 2012
- xiv) Appointment as Evaluator for ‘Program Penyelidikan dan Inovasi Teknologi Pemprosesan Makanan, Faculty of Education – 01 June 2012

- xv) Appointment as Committee Member for Short Course MPU 0020 Research Methodology in Education dan PPU 0020 Advanced Research Methodology in Education , Faculty of Education, UTM – 04 ~ 08 June 2012
- xvi) Appointment as Facilitator for “ Bengkel Penyediaan Proposal Research University Grant organized by Research Group TVET”, Faculty of Education – 31 July 2012
- xvii) Appointment as Project Advisor for for Harvard Business Case Studies Program, Faculty of Education, UTM – 27 Dec 2012 ~ 27 Jan 2013
- xviii) Appointment as Speaker for Kolokium Fakulti Pendidikan 2011, Faculty of Education, UTM – 23 Nov 2011
- xix) Appointment as Panel of Assessor for Program TVET Postgraduate Students Seminar 2011, Faculty of Education, UTM – 12 Apr 2011
- xx) Appointment as Assessor for Projek Mini Lanskap pelajar Sarjana Muda Teknologi serta Pendidikan (Kemahiran Hidup), Jabatan Pendidikan Teknikal dan Kejuruteraan, Fakulti Pendidikan, UTM – 14 November 2011
- xxi) Appointment as as Facilitator for Short Course MPU 0020 Research Methodology in Education dan PPU 0020 Advanced Research Methodology in Education , Faculty of Education, UTM – 14 ~ 18 Mar 2011
- xxii) Appointment as Academic Advisor for Sarjana Muda Teknologi serta Pendidikan (Jentera) Ambilan Sesi 2011/2012, Fakulti Pendidikan, UTM (08 September 2011 – Present)
- xxiii) Appointment as Committee Member for Education Postgraduate Research Seminar (EDUPRES) 2011 organised by Faculty of Education, UTM – 14 ~ 15 December 2011
- xxiv) Appointment as Ahli Jawatankuasa Perancangan Kerjasama Pelaksanaan Sijil Kemahiran Malaysia (SKM) Dengan Institut Latihan Perindustrian Pasir Gudang (ILP) – 26 September 2011
- xxv) Appointment as Penyelaras Program Pengajian Separuh Masa UTM Semester II Sesi 2010/2011, Fakulti Pendidikan, UTM

INVITED/GUEST SPEAKER

- i) **Aede Hatib Musta’amal**, Pengajaran dan Pembelajaran Berkesan, Kursus Pembangunan Profesional Tenaga Pengajar di bawah Jabatan Kebajikan Masyarakat Malaysia di Institute of Leadership and Development, UiTM, Nilai, Negeri Sembilan, 31 October – 4 November 2016
- ii) **Aede Hatib Musta’amal**, Pengajaran dan Pembelajaran Berkesan, Kursus Pembangunan Profesional Tenaga Pengajar di bawah Jabatan Kebajikan Masyarakat Malaysia di Institute of Leadership and Development, UiTM, Nilai, Negeri Sembilan, 19 – 21 September 2016
- iii) **Aede Hatib Musta’amal**, Pengajaran dan Pembelajaran Berkesan Melalui Pendekatan Andragogi, Kursus Pembangunan Profesional Tenaga Pengajar di bawah Pusat Pembangunan Kemahiran Sarawak, Kuching Sarawak dengan kerjasama SPACEUTM, 13-14 Jun 2016
- iv) **Aede Hatib Musta’amal**, Pengajaran dan Pembelajaran Berkesan Melalui Pendekatan Andragogi, Kursus Pembangunan Profesional Tenaga Pengajar di bawah Centre of Excellence Sarawak (CENTEXS), Kuching, Sarawak dengan kerjasama SPACEUTM 16~17 May 2016
- v) **Aede Hatib Musta’amal**, Introduction to Outcome Based Education (OBE), Kursus Dalam Staf Kolej Vokasional Tanjung Puteri Johor Bahru – 21 April 2016
- vi) **Aede Hatib Musta’amal**, Projek Tahun Akhir, Siri Motivasi Perhimpunan Pelajar, Kolej Vokasional Tanjung Puteri Johor Bahru, 10 April 2016
- vii) **Aede Hatib Musta’amal**, Transformasi Vokasional – Transformasi Mentaliti Serta Diri, Program Motivasi Unit Pemesinan Industri, Jabatan Mekanikal, Kolej Vokasional Tanjung Puteri Johor Bahru – 06 April 2016

- viii) **Aede Hatib Musta'amal**, Pengajaran dan Pembelajaran Berkesan Melalui Pendekatan Andragogi, Kursus Pembangunan Profesional Tenaga Pengajar di bawah Jabatan Kebajikan Masyarakat, Malaysia dengan kerjasama SPACEUTM, 24-25 November 2015
- ix) **Aede Hatib Musta'amal**, Research Ethics and Plagiarisme, Research Methods and Data Analysis Course, Fakulti Pendidikan, UTM, 20 September 2015
- x) **Aede Hatib Musta'amal**, Creativity and Innovation Skills, Program Saintis Agenda Nobel, UTM, 19 Ogos 2015
- xi) **Aede Hatib Musta'amal**, Ideation, Program Whatdehack 2015, Startup Johor dan Iskandar Malaysia, 28 March 2015
- xii) **Aede Hatib Musta'amal**, Reveal Your Innovation and Creative Skills presented at Program Karnival Pendidikan Teknologi Malaysia (MATEC 2014), Universiti Teknologi Malaysia, 4~5 December 2014
- xiii) **Aede Hatib Musta'amal**, Inspiring Innovation Culture, at Program Kecemerlangan Melalui Inovasi, Maktab Rendah Sains MARA Batu Pahat, Johor, 15 November 2013
- xiv) **Aede Hatib Musta'amal**, Creativity and Innovation, at Seminar Kreativiti dan Inovasi, Politeknik Premier Ibrahim Sultan dengan kerjasama Fakulti Pendidikan, Universiti Teknologi Malaysia, 06 December 2012
- xv) **Aede Hatib Musta'amal**, 'Peranan Kreativiti dan Inovasi Terhadap Bidang Kejuruteraan' at Program Kumpulan Inovasi dan Kreativiti (KIK) Kolej Matrikulasi Teknikal Johor, 07 September 2012
- xvi) **Aede Hatib Musta'amal**, 'Creativity and Innovation' for "Bengkel Training of Trainer (TOT) Kursus Umum Universiti Kluster Inovasi, Kreativiti dan Keusahawanan Siri 2 organized by Center for Student Innovation (CSI), and CGCC, UTM – 08 ~ 09 Aug 2012
- xvii) **Aede Hatib Musta'amal**, "Bengkel Penulisan Geran Penyelidikan" organized by Unit Penyelidikan, Inovasi dan Komersil (UPIK), Politeknik Merlimau – 27 Apr 2012
- xviii) **Aede Hatib Musta'amal**, 'Creativity and Innovation' for "Bengkel Training of Trainer (TOT) Kursus Umum Universiti Kluster Inovasi, Kreativiti dan Keusahawanan Siri 1 organized by Center for Student Innovation (CSI), and CGCC, UTM – 24 ~ 26 Feb 2012
- xix) **Aede Hatib Musta'amal**, 'Computer Aided Design: Does it promotes Creativity?', at Program Dialog Industri Jabatan Kejuruteraan Mekanikal, Politeknik Merlimau Melaka, 29 March 2012
- xx) **Aede Hatib Musta'amal**, 'Technical Writing Skill', Jabatan Kejuruteraan Mekanikal, Politeknik Ibrahim Sultan, Johor – 02 Nov 2012
- xxi) **Aede Hatib Musta'amal**, Creativity in the Classroom), Kursus SPIM-SMI, Sekolah Menengah Islam Hidayah, Kempas, Johor – 10 Mar 2012
- xxii) **Aede Hatib Musta'amal**, Teknik Pengajaran Berkesan, Sekolah Rendah Islam Ibnu Nafis Kulaijaya, Johor – 02 Jan 2012

RESEARCH ACTIVITIES

RESEARCH PROJECT UNDERTAKEN

- Date : **Project Leader:**
- i) Project Leader, Model of Creative Visual Thinking in Ideation and Problem Solving Amongst Students in Malaysia Educational Institutions. Budget approved RM 68, 200 (FRGS, Vot 4F556) 2014~2016

- ii) Project Leader, Exploratory Study in Developing a Framework to Observe, Identify, and Capturing Designing Behaviour Whilst Designer Engaged in Sketching Toward Creative and Innovative Designing. Budget approved RM50, 000 (ERGS, Vot 4L018) 2011 ~ 2014
- iii) Project Leader, Kerangka Penilaian Risiko Keselamatan dan Kesihatan Kontraktor Semasa Menjalani Kerja-Kerja Pendawaian Elektrik di Pemasangan Awam. Budget approved RM32, 000 (GUP Tier 2, Vot 07J84) 2012 ~ 2013
- iv) Project Leader, The Study On Computer Aided Design (CAD) Roles in Designing Among Students Designer at Higher Educational Institution Budget approved RM20, 000 (NAS, Vot 4P031) 2011 ~ 2012

Date : **Project Member:**

- i) Project Member, Integration of Peer Instruction in Online Social Network Environment To Enhance Higher Order Thinking Skills. Budget Approved RM10,000.00 (DPP, Vot: 4J246) 2016~2018
- ii) Project Member. Implementasi Latihan Kemahiran dan Latihan Industri Pemiakan Tanaman Untuk Kerjaya Belia (Nursery Tanaman Hiasan dan Buah-Buahan). Budget Approved RM33500.00 (IISJ, Vot:14H91) 2016~2017
- iii) Project Member. Minat Belia Menceburi Bidang Keusahawanan Tani: Satu Kajian Kes Terhadap Belia Daerah Kota Tinggi. Budget Approved RM50,000.00. (RUG Tier 1, Vot:14H15) 2016~2017
- iv) Project Member. Enhanced Power Conditioner of Smarter Current?Voltage Control For A Low Cost Optimum Micro-Wind System. Budget Approved RM108, 200.00. (FRGS, Vot:4F794) 2015~2017
- v) Project Member. Smart Voltage Control for an Optimal and Low Cost Micro Wind System. Budget Approved RM50,000.00. (RUG Tier 1, Vot:12H00) 2015~2017
- vi) Project Member, Designing and Developing a Framework for Mobile Learning in Technical Education in Higher Education. Budget approved RM 57,200 (FRGS, Vot 4F364) 2013 ~ 2015
- vii) Project Member, Developing Leadership Capability Framework for the Construction Industry. Budget approved RM87,000 (FRGS, 4F361) 2013 ~ 2015
- viii) Project Member, A Model in Determining, Proposing and Assessing Service-Learning Program in Enhancing Students and Faculty Members Engagement in Teaching and Learning. Budget approved RM50,000 (FRGS, 4F151) 2012 ~ 2014
- ix) Project Member, Kajian Penerokaan Dalam Pembangunan Kerangka Semakan Bagi Mengenalpasti Dan Menentukan Elemen Kemahiran Insaniah Hijau (Green Soft Skills) Dalam Pendidikan

- Teknik dan Vokasional di Malaysia. Budget approved RM50,000 (ERGS, 4L054) 2012 ~ 2014
- x) Project Member, Model Hubungan Kerjasama Antara Institusi Latihan Vokasional dan Industri. Budget approved RM50,000 (FRGS, 4F105) 2011 ~ 2012
 - xi) Project Member, Pembinaan dan Pengukuran Kompetensi Pendidikan Keusahawanan di Institusi Pengajian Tinggi Budget approved RM50,000 (GUP Tier 2, 08J03) 2012 ~ 2013
 - xii) Project Member, Constant Slip Control of Wind Turbine Induction Generator at Lower Wind Velocity. Budget approved RM160,789 (GUP Tier 1, 05H18) 2012 ~ 2014
 - xiii) Project Member, Exploring the Intentions and Expectations of Female PhD International Students in Education and Engineering at Universiti Teknologi Malaysia. Budget approved RM32,000 (GUP Tier 2, 09J09) 2012 ~ 2013
 - xiv) Project Member, Study and Modelling of a Small Sized Stall Regulated Variable Speed Wind Turbine Using A Low Cost Speed Transducer. Budget approved RM20,000 (GUP Tier 2, 06J67) 2012 ~ 2013
 - xv) Project Member, Pembelajaran Informal Dalam Kalangan Pengajar Teknik dan Vokasional. Budget approved RM70,000 (GUP Tier 1, 05H15) 2012 ~ 2014
 - xvi) Project Member, Gelagat Pemilihan Kerjaya di Kalangan Pelajar Kemahiran. Budget approved RM20,000 (NAS, 4P020) 2011 ~ 2012
 - xvii) Project Member, Kemantapan Pengamalan Falsafah Pendidikan Kebangsaan (FPK) dan Proses Pembangunan Potensi Spiritual di Kalangan Pendidik Pendidikan Teknik dan Vokasional. Budget approved RM20,000 (GUP Tier 2, 02J12) 2011 ~ 2012

CONSULTANCY ACTIVITIES

- i) Member in the Consultancy of “Projek Kursus Electronic Product Development Tahap 4 B05-04-02 (PLC Programming Advanced) K2 Bagi Pensyarah-pensyarah Kolek Vokasional, Kementerian Pendidikan Malaysia, No.Ruj: UT.KORP/1.11 Jld. 8 (92) bertarikh 11 Jun 2014 (RM50,000.00)
- ii) Member in the Consultancy of “ Projek Penyedia Latihan Program Jalinan Pendidikan Bengkel Asas Rekabentuk CAD” No.Ruj Surat: UT.KORP/1.11 Jld 8 (66) bertarikh 19 Mei 2014 (RM4980.00)
- iii) Member in the Consultancy of “Projek Program Intervensi Tambah Opsyen Tambahan (PITO)” for Bahagian Pendidikan Guru, Kementerian Pelajaran Malaysia (2011). Vot.No: 635 (RM702,400.00)
- iv) Member in the Consultancy of “Outcome Based Education Concept for College Community” for Jabatan Pengajian Kolej Komuniti, Kementerian Pengajian Tinggi Malaysia (2012). Vot.No: 700 (RM21000.00)
- v) Member in the Consultancy of “Kursus Peningkatan Ilmu Bidang Robotik, Mekatronik dan Pneumatik Bagi Pensyarah-Pensyarah Kolej Vokasional, Kementerian Pendidikan Malaysia No.Ruj.Surat: UT.KORP/1.11 Jld 7 (25) bertarikh 9 Okt 2013.(RM50,000.00)

TEACHING ACTIVITIES**POSTGRADUATE**

| Semester | Sem | Subject Code | Subject | Credit Hour | Total |
|------------|-----|--------------|-------------------------------------|--------------|-------|
| 20152016/1 | 1 | MPPU1003 | Innovation in Learning and Teaching | 3 | 3 |
| 20142015/2 | 2 | MPPU1003 | Innovation in Learning and Teaching | 3 | 3 |
| 20142015/1 | 1 | MPPV1123 | Program Evaluation in TVE | 3 | 3 |
| 20132014/2 | 2 | MPK1063 | Philosophy and Principles in TVE | 3 | 3 |
| 20132014/1 | 1 | MPK1063 | Philosophy and Principles in TVE | 3 | 3 |
| 20122013/2 | 2 | MPK1063 | Philosophy and Principles in TVE | 3 | 3 |
| 20122013/1 | 1 | MPK1063 | Philosophy and Principles in TVE | 3 | 3 |
| 20112012/2 | 2 | MPK1063 | Philosophy and Principles in TVE | 3 | 3 |
| 20112012/1 | 1 | MPK1063 | Philosophy and Principles in TVE | 3 | 3 |
| 20102011/2 | 2 | MPK1053 | Curriculum Design in TVE | 3 | 3 |
| | | | | Total Credit | 24 |

UNDERGRADUATE

| Semester | Sem | Subject Code | Subject | Credit Hour | Total |
|------------|-----|--------------|------------------------------|-------------|-------|
| 20152016/1 | 1 | SPPL4403(01) | Invention | 3 | 3 |
| | 1 | SPPE1022(03) | Engineering Drawings | | 2 |
| 20142015/2 | 2 | SPPE1002(01) | Basic Engineering Drawings | 2 | 2 |
| | 2 | SPPE1002(06) | Basic Engineering Drawings | 2 | 2 |
| | 2 | SPPE3022 | Industri dan PTV | 2 | 2 |
| 20142015/1 | 1 | SPPE3022(2) | Industri dan PTV | 2 | 2 |
| | 1 | SPPA2001(4) | Micro-Teaching | 1 | 1 |
| 20132014/2 | 2 | SPPE1212 | Amalan Fabrikasi Logam | 2 | 2 |
| | 2 | UKQU2202 | Innovation and Creativity | 2 | 2 |
| 20132014/1 | 1 | SPPE2122 | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 1 | SPPA2001 | Micro-Teaching | 1 | 1 |
| | 1 | UKQU2202 | Innovation and Creativity | 2 | 2 |
| | 1 | SPPE2032 | Asas Rekacipta | 2 | 2 |
| 20122013/2 | 2 | SPPE1012 | Asas Ketukangan | 2 | 2 |
| | 2 | UKQU2202 | Innovation and Creativity | 2 | 2 |

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|------------|---|--------------|------------------------------|---|----|
| 20122013/1 | 1 | SPPE2122(01) | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 1 | SPPE2032(01) | Asas Rekacipta | 2 | 2 |
| | 1 | SPPE2122(02) | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 1 | UKQU2202 | Innovation and Creativity | 2 | 2 |
| 20112012/2 | 2 | SPA2001 | Micro-Teaching | 1 | 1 |
| | 2 | SPE2502 | Teknologi Kejuruteraan 1 | 2 | 2 |
| | 2 | SPE2032 | Asas Rekacipta | 2 | 2 |
| 20112012/1 | 1 | SPPE1012 | Asas Ketukangan | 2 | 2 |
| | 1 | SPL4403 | Rekacipta | 3 | 3 |
| | 1 | SPE2402 | Asas Teknologi Kejuruteraan | 2 | 2 |
| 20102011/2 | 2 | SPL2012(1) | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 2 | SPL2012(2) | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 2 | SPL2012(3) | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 2 | SPL2012(4) | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 2 | SPE1302 | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| 20062007/1 | 1 | SPL2012 | Kimpalan dan Fabrikasi Logam | 2 | 2 |
| | 1 | SPE1002 | Asas Lukisan Kejuruteraan | 2 | 2 |
| | 1 | SPE1012 | Asas Ketukangan | 2 | 2 |
| 20052006/3 | 3 | SPK5412 | - | 2 | 2 |
| 20052006/2 | 2 | SPE1022(1) | Lukisan Kejuruteraan 1 | 2 | 2 |
| | 2 | SPE1022(3) | Lukisan Kejuruteraan 1 | 2 | 2 |
| | 2 | SPE1602 | Bahan Kejuruteraan | 2 | 2 |
| | 2 | SPE2032 | Asas Rekacipta | 2 | 2 |
| | 2 | SPA2001 | Micro-Teaching | 1 | 1 |
| | 2 | SPK5602 | - | 2 | 2 |
| | 2 | SPE4602 | Teknologi Pembuatan | 2 | 2 |
| Total | | | | | 80 |

SUPERVISION

PhD Student

| Year | No. | Name | Status | Title | Roles of Supervision |
|------|-----|------------|-----------|---|----------------------|
| 2011 | 1 | Audu Rufai | Completed | Evaluation of Technical and Employability of Mechanical Engineering | Co-Supervisor |

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|------|----|-------------------------------|---|---|-----------------|
| | | | | Trades at Technical College Level in Nigeria | |
| 2012 | 6 | Nornazira Suhairon | Completed (Academic Excellence Award by Faculty of Education) | The Model of Chef Competencies for Superior Performance in Culinary Profession | Main Supervisor |
| 2012 | 7 | Oke Jonathan Ojo | Completed (Academic Excellence Award by Graduate Studies School) | Fostering Creative Thinking Skills Among Building Technology Students of Technical Colleges in Nigeria | Main Supervisor |
| 2012 | 4 | Anwar Hamid | Completed | CAD and its Implication of Students Innovation in Designing at Community College | Main Supervisor |
| 2012 | 5 | Rohaiza Zakaria | Ongoing (Research Proposal Defend-Passed) | Sketching Behaviour in Encouraging Creativity in Designing | Main Supervisor |
| 2012 | 6 | Mohammad Noramdzan Mohd Yusof | Ongoing (Research Proposal Defend-Passed) | Project Based Learning (PjBL) in Enhancing Students Creativity in Polytechnic | Main Supervisor |
| 2012 | 7 | Ali Sis | Ongoing | Keberkesanan Program Latihan Kemahiran Berteraskan Keusahawanan Dalam Konteks Pembelajaran Sepanjang Hayat Kolej Komuniti | Main Supervisor |
| 2015 | 8 | Mohd Sallehudin Marji | On-going | Pemintegrasian Kemahiran Berfikir Aras Tinggi Menerusi Seni Origami Dalam Membentuk kreativiti Pelajar | Main Supervisor |
| 2016 | 9 | Samaila Hamza | On-going | Green Skill in Nigeria Vocational Education | Main Supervisor |
| 2016 | 10 | Mohd Khairul Azwan | On-going | Visualisation Model for Creative Ideation | Main Supervisor |
| 2016 | 11 | Leong Ting Chee | On-going | Innovative Skill Framework for Vocational Colleges Graduate | Main Supervisor |
| 2016 | 12 | Zaipah Ismail | On-going | Pendekatan Modul Pembelajaran Integrasi Holistik Dalam Pengajaran Kemahiran Hidup Bersepadu Sekolah Menengah Johor Bahru | Main Supervisor |

MSc. Student

Masters (Full Research)

| Year | No. | Name | Status | Title | Research Mode | Roles of Supervision |
|-------------|------------|------------------------|--|---|----------------------|-----------------------------|
| 2012 | 1 | Mohd Azwan Md Yasim | Completed | Pengurusan Risiko Keselamatan dan Kesihatan Kerja-Kerja Pendawaian di Pemasangan Awam | Research | Main Supervisor |
| 2013 | 2 | Ahmad Fairus Mohd Zain | Completed | Penggunaan Rekabentuk Berbantu Komputer Dengan Kreativiti Dalam Merekabentuk | Research | Main Supervisor |
| 2015 | 3 | Mohd Khairul Azwan | Convert to Fast Track PhD Prog. | Visualisation Model for Creative Ideation | Research | Main Supervisor |
| 2015 | 4 | Leong Ting Chee | Convert to Fast Track PhD Prog | Innovative Skill Framework for Vocational Colleges Graduate | Research | Main Supervisor |
| 2014 | 5 | Nor Aisyah Che Derasid | On-going (Research Proposal Defend-Passed) | Instrumen Pengukuran Tahap Inovasi Pelajar Pra-Siswazah Universiti Teknologi Malaysia | Research | Main Supervisor |
| 2014 | 6 | Muhammad Md Hanipah | On-going (Research Proposal Defend-Passed) | Perisian Latihan Servis Motor Berkonsepkan Serious Games bagi Pelatih Pusat Giat Mara | Research | Main Supervisor |

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| 2014 | 7 | Amirul Hakim Mohd Zain Al Rashidi | On-going (Research Proposal Defend-Passed) | Kerangka Model Penyelidikan Inovatif dalam Kalangan Pensyarah Politeknik | Research | Main Supervisor |
| 2014 | 8 | Mohd Fadzil Ibrahim | Ongoing | Model of Creative Visual Thinking in Ideation and Problem Solving Amongst Students in Malaysia Educational Institutions | Research | Main Supervisor |
| 2014 | 9 | Ahmad Hairu Che Mustafaha | On-going | Kerangka Latihan Vokasional Inovatif Pelajar Kolej Vokasional | Research | Main Supervisor |

Masters (Mixed Mode)

| Year | No. | Name | Status | Title | Research Mode | Roles of Supervision |
|-------------|------------|-------------------|--|---|----------------------|-----------------------------|
| 2012 | 1 | Hushaini Sulaiman | Completed | Pelaksanaan <i>School Enterprise</i> di Kolej Vokasional | Mixed Mode | Main Supervisor |
| 2012 | 2 | Suzailye Johari | Completed | Program <i>Traineeship</i> di Kalangan Pelajar Kolej Vokasional | Mixed Mode | Main Supervisor |
| 2015 | 3 | Esa Md Sanuse | On-going (Research Proposal Defend-Passed) | Pengurusan Inovasi di Politeknik Kementerian Pendidikan Tinggi Malaysia | Mixed Mode | Main Supervisor |

Masters (Taught Course)

| Year | No. | Name | Status | Title | Research Mode | Roles of Supervision |
|-------------|------------|--------------------------|---------------|--|----------------------|-----------------------------|
| 2016 | 1 | Rafidah Affendi | On-going | Literasi Kewangan Mahasiswa Fakulti Pendidikan Di Universiti Teknologi Malaysia | Taught Course | Main Supervisor |
| | 2 | Mohd Faiq Muhammad Amin | On-going | Beban Kerja Yang Menyumbang kepada Stres Dalam Kalangan Guru Panitia Reka Bentuk dan Teknologi di Sekolah | Taught Course | Main Supervisor |
| | 3 | Rukumany A/P Kuppusamy | Completed | Penggunaan Teknologi Maklumat dan Komunikasi (ICT) Dalam Kalangan Guru Pendidikan Khas di Daerah Johor Bahru | Taught Course | Main Supervisor |
| 2016 | 4 | Gangagoury A/P Chinappan | Completed | Kecenderungan Pelajar India Menengah Rendah di Daerah Johor Bahru Terhadap Pendidikan Vokasional di Kolej Vokasional | Taught Course | Main Supervisor |
| 2016 | 5 | Farhana Omar | Completed | Pelaksanaan Pengajaran Pensyarah Bengkel Kejuruteraan Dalam | Taught Course | Main Supervisor |

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| | | | | Transformasi Kolej Vokasional | | |
| 2016 | 6 | Azlina Awi | Completed | Kompetensi Bakal Graduan Bidang Teknologi Kejuruteraan di Kolej Vokasional | Taught Course | Main Supervisor |
| 2015 | 7 | Zairul Azham Zainuddin | Completed | Pengetahuan Pensyarah Kejuruteraan UTM Terhadap <i>Education for Sustainability Development</i> Dalam Konteks Pengajaran dan Pembelajaran | Taught Course | Main Supervisor |
| 2015 | 8 | Ahmad Ridzuan Mat Rani | Completed | Indikator Pembangunan Kelestarian Bagi Pelajar Kejuruteraan di Politeknik Premier | Taught Course | Main Supervisor |
| 2015 | 9 | Wan Noor Maziaty Wan Hassan | Completed | Kesediaan Guru Sekolah Rendah Mengajar Matapelajaran Teknologi Maklumat dan Komunikasi Bagi Persediaan Pendidikan Asas Vokasional | Taught Course | Main Supervisor |
| 2015 | 10 | Shuhada Abdul Raof | Completed | Kerangka Kompetensi Pensyarah Kolej Vokasional Pertanian Teluk Intan Dalam Pengajaran Amali | Taught Course | Main Supervisor |
| 2015 | 11 | Hasnah Abdul Rahman | Completed | Program Transformasi Giatmara Dalam Menentukan Halatuju | Taught Course | Main Supervisor |

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|------|----|----------------------------------|-----------|--|------------------|--------------------|
| | | | | Gitamara Sebagai Institusi Latihan Berasaskan Kemahiran | | |
| 2015 | 12 | Nurul Muttakhirah Ahmad Azizi | Completed | Amalan Baik Penyeliaan Pengajaran di Giatmara Perak | Taught Course | Main Supervisor |
| 2013 | 13 | Nurhuda Zainal Abidin | Completed | Kesediaan Pelajar Kolej Vokasional Dalam Mencapai Aspirasi Pelan Transformasi Pendidikan Vokasional | Taught Course | Main Supervisor |
| 2013 | 14 | Maziatul Azwan Abdul Rahim | Completed | Kesediaan Guru Kelas Rancangan Khas Melaksanakan Pentaksiran Berasaskan Sekolah | Taught Course | Main Supervisor |
| 2012 | 15 | Dian Dianti | Completed | Pegangan Kepenyeliaan Pentadbir Terhadap Guru- Guru Kemahiran Hidup Sekolah Rendah di PasirGudang | Taught Course | Main Supervisor |
| 2011 | 16 | Nor Shaliha Mohd Kahar | Completed | Green Competencies Framework for Engineering Undergraduate Students | Taught Course | Main Supervisor |
| 2011 | 17 | Norsyazreen Ramlan | Completed | Penglibatan Industri Dalam Perantisan Melalui Sistem Dual Nasional | Taught Course | Main Supervisor |
| 2011 | 18 | Afzal Umi Ismail | Completed | Pola Kecenderungan Pemilihan Bidang Pengajian Dalam Aliran Teknikal di | Taught Course | Main Supervisor |

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|------|----|-----------------------|-----------|--|---------------|-----------------|
| | | | | Kalangan Pelajar Cemerlang Sekolah Menengah Teknik Sekitar Johor Bahru | | |
| 2011 | 19 | Farah Hazwani Zaharin | Completed | Penstrukturan Semula Kurikulum Program Diploma Lanskap Di Kolej Risda Melaka | Taught Course | Main Supervisor |

BSc. Student

| Year | No. | Name | Status | Title | Type | Roles of Supervision |
|-------------|------------|--|---------------|---|--------------------|-----------------------------|
| 2016 | 1 | Tuan Mohamad Zaki Yamani Tuan Mahyidin | Completed | Persepsi Pelajar Kolej Vokasional Terhadap Pemilihan Bidang Keusahawanan Sebagai Kerjaya | Final Year Project | Main Supervisor |
| 2016 | 2 | Muhammad Zami Zakwan Samsuddin | Completed | Pandangan Industri Terhadap Kebolehpasaran Graduan Kursus Teknologi Automotif Kolej Vokasional Kluang | Final Year Project | Main Supervisor |
| 2016 | 3 | Mohamad Izuan Isa | Completed | Tahap Pengetahuan Pensyarah Mengenai Paten Bagi Produk Rekacipta di Kolej Vokasional Rintis Johor | Final Year Project | Main Supervisor |
| 2016 | 4 | Nur Shafiqah Muhammad | Completed | Faktor Yang Mempengaruhi Pemilihan Aliran Teknik Dan Vokasional Dalam Kalangan Pelajar Kaum Cina | Final Year Project | Main Supervisor |
| 2016 | 5 | Dorothy Doh Dominic | Completed | Tahap Pengetahuan Masyarakat Luar Bandar Terhadap Pelan Strategik | Final Year Project | Main Supervisor |

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| | | | | Transformasi Pendidikan Vokasional | | |
| 2015 | 6 | Ahmad Abu Naim Awang | Completed | Faktor-faktor Yang Mempengaruhi Stres Dalam Kalangan Tenaga Pengajar Kolej Vokasional | Final Year Project | Main Supervisor |
| 2015 | 7 | Mohd Zulhakif Mohd Zainal Abidin | Completed | Persepsi Kontraktor Pembinaan Terhadap Bakal Lulusan Kolej Vokasional Dalam Bidang Binaan Bangunan | Final Year Project | Main Supervisor |
| 2015 | 8 | Ahmad Faiq Ahmad Rusli | Completed | Kesediaan Pelatih Kolej Vokasional Sebagai Bakal Pekerja Mahir Yang Kompeten | Final Year Project | Main Supervisor |
| 2015 | 9 | Syahrul Amin Hasbullah | Completed | Modul Pembelajaran Kreativiti Untuk Pra Sekolah KEMAS di Ketereh, Kelantan | Final Year Project | Main Supervisor |
| 2015 | 10 | Muhammad Hafizhan Zaide | Completed | Penerapan Nilai Kreatif Oleh Guru Jurusan Kejuruteraan Mekanikal Dalam Pengajaran Amali di Kolej vokasional | Final Year Project | Main Supervisor |
| 2015 | 11 | Muhammad Fakhrol Ibrahim | Completed | Kesediaan Pensyarah Kolej Vokasional Untuk Mengajar Pelajar Peringkat Diploma di Kolej Vokasional Zon Selatan | Final Year Project | Main Supervisor |
| 2015 | 12 | Hasrul Bakkareng | Completed | Persepsi Tenaga Pengajar Terhadap Kemudahan Bengkel Dalam Melahirkan Tenaga Kerja Yang Kompeten | Final Year Project | Main Supervisor |
| 2014 | 13 | Fairusasikan Fatholmuner | On-going | Kesediaan Guru Bukan Opsyen Dalam Mata Pelajaran Kemahiran Sekolah Rendah Zon Johor Jaya | Final Year Project | Main Supervisor |

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| 2014 | 14 | Kamairuzaman Razak | On-going | Persepsi Terhadap Bidang PTV Dalam Kalangan Pelajar Tingkatan 5 di Sekolah Menengah Harian Nusajaya | Final Year Project | Main Supervisor |
| 2014 | 15 | Mohd Harid Sharon | Completed | Kesediaan Menghadapi Alam Pekerjaan Di Kalangan Pelatih Kursus Senibina Giatmara | Final Year Project | Main Supervisor |
| 2014 | 16 | Ahmad Hairu Che Mustafaha | Completed | Pelaksanaan Pengajaran Secara Inovasi Di Kalangan Guru Pra-sekolah | Final Year Project | Main Supervisor |
| 2014 | 17 | Amirul Hakim Mohd Zain | Completed | Kesediaan Pelajar Politeknik Dalam Memperolehi Kerjaya Berdasarkan Kemahiran Insaniah | Final Year Project | Main Supervisor |
| 2014 | 18 | Muhammad Md Hanipah | Completed | Pembangunan Video Pembelajaran Animasi 3 Dimensi Bagi Tajuk Had Laju Subjek J311 Mekanik Mesin Politeknik Malaysia | Final Year Project | Main Supervisor |
| 2014 | 19 | Zulhairi Muhamad Zain | Completed | Kesedaran Pelajar Kejuruteraan Mekanikal Politeknik Premier Ibrahim Sultan Tentang Keselamatan dan Kesihatan Pekerja | Final Year Project | Main Supervisor |
| 2014 | 20 | Haris Jamri Hassan | Completed | Persepsi Industri Terhadap Peluang Pekerjaan Pelajar Lulusan Kolej Vokasional | Final Year Project | Main Supervisor |
| 2014 | 21 | Marzuki Ab Rahman | Completed | Cabaran Perlaksanaan Sistem 5S di Kolej Vokasional Ampuan Afzan Bentong, Pahang | Final Year Project | Main Supervisor |
| 2014 | 22 | Ahmad Ridzuan Mat Rani | Completed | Persepsi Ibumbapa Terhadap | Final Year Project | Main Supervisor |

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| | | | | Transformasi Pendidikan Vokasional Di Daerah Kluang | | |
| 2014 | 23 | Zairul Azham Zainuddin | Completed | Tahap Kompetensi Bidang Hotel Dan Katering Diploma Politeknik | Final Year Project | Main Supervisor |
| 2013 | 24 | Ahmad Hasrul Hafizi Bin Ahmed Soffian | Completed | Persepsi Pelajar Politeknik Terhadap aspek Inovasi Di Dalam Penghasilan Projek Akhir Diploma Kejuruteraan Mekanikal | Final Year Project | Main Supervisor |
| 2013 | 25 | Ahmad Rizuan Bin Maluwi | Completed | Faktor-faktor Yang Mempengaruhi Pelajar Memilih Kursus Diploma Pengurusan Pelancongan Sebagai Pembentukan Awal Kerjaya di Politeknik Ibrahim Sultan, Johor Bahru | Final Year Project | Main Supervisor |
| 2013 | 26 | Mohd Aswad Bin Fakhrudin | Completed | Tahap Kreativiti Dalam Kalangan Pelajar Tahun Akhir Di Politeknik Yang Mengikuti Pengajian Diploma Kejuruteraan Mekanikal | Final Year Project | Main Supervisor |
| 2013 | 27 | Muhammad Afifah Bin Awang @ Awang Ahmad | Completed | Pengaruh Pengetahuan Penyediaan Makanan Terhadap Diet Pemakanan Mahasiswa Tahun 4 Sarjana mUda Teknologi Serta Pendidikan (Kemahiran Hidup) | Final Year Project | Main Supervisor |
| 2013 | 28 | Rahil Asyikin Binti Ahmad Sobri | Completed | Persepsi Guru Terhadap Penggunaan | Final Year Project | Main Supervisor |

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| | | | | Teknologi Kampus ASTRO Di Kalangan Guru Sekolah Luar Bandar | | |
| 2013 | 29 | Rohasniza Binti Che Din | Completed | Faktor-faktor Yang Mempengaruhi Pelatih Memilih Kursus Latihan Vokasional Di Giatmara Pasir Mas, Kelantan | Final Year Project | Main Supervisor |
| 2013 | 30 | Mohd Nazrul Faiz Bin Nazori | Completed | Persepsi Pelajar Jabatan Kejuruteraan Elektrik Terhadap Halatuju Selepas Graduan Di Politeknik Kota Baru Kelantan | Final Year Project | Main Supervisor |
| 2013 | 31 | Mohammad Ismail Bin Muda | Completed | Persepsi Guru Cemerlang KHSR: Kaedah-Kaedah PDP Amali Unit 3 Tahun 4 Sekolah Kebangsaan Tanpa Bilik KH | Final Year Project | Main Supervisor |
| 2013 | 32 | Asmawi Bin Salleh | Completed | Amalan Pengajaran Guru Kemahiran Hidup Dalam Projek Pasang Siap Di Sekolah Rendah Sekitar Zon Pudu Kuala Lumpur | Final Year Project | Main Supervisor |
| 2013 | 33 | Vijayalakchumi A/P Packiry | Completed | Pemikiran Kreatif Guru Dalam Pengajaran Kemahiran Hidup Di Sekolah Rendah Pendidikan Kha (Masalah Pendengaran) | Final Year Project | Main Supervisor |
| 2013 | 34 | Heng Ai Fong | Completed | Faktor-Faktor Yang Mempengaruhi Guru Untuk Memupuk Kreativiti Murid Sekolah Jenis Kebangsaan Cina Untuk Mata Pelajaran Kemahiran Hidup | Final Year Project | Main Supervisor |

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|------|----|---------------------------|-----------|---|--------------------|-----------------|
| 2012 | 35 | Norlela Binti Ahmad Senin | Completed | Faktor-Faktor Yang Mempengaruhi Pengajaran Mata Pelajaran Kemahiran Hidup Di Sekolah Rendah Agama Bersepadu (SRAB) Negeri Johor | Final Year Project | Main Supervisor |
| 2012 | 36 | Mohd Azfar Bin Mat Yamin | Completed | Faktor-Faktor Yang Mempengaruhi Minat Murid Terhadap Pembelajaran Secara Praktikal Di beberapa Buah Sekolah Di Kota Masai | Final Year Project | Main Supervisor |
| 2012 | 37 | Nor Aznen Binti Jamil | Completed | Faktor-Faktor Kecenderungan Murid Tahun 5 Terhadap Mata Pelajaran Kemahiran Hidup Di Dalam Daerah Johor Bahru | Final Year Project | Main Supervisor |
| 2012 | 38 | Ho See See | Completed | Penggunaan Komputer Dalam Pengajaran Dan Pembelajaran Bagi Matapelajaran Sains Di Kalangan Guru-Guru Tiga Buah Sekolah Rendah Daerah Johor bahru: Satu Tinjauan | Final Year Project | Main Supervisor |
| 2012 | 39 | Nur Hidayah Binti Ismail | Completed | Kesan Latihan Industri Terhadap Pemupukan Amalan Profesionalisme di Kalangan Pelajar-Pelajar 4 SPH (PKPG dan Perdana) Fakulti Pendidikan, Universiti Teknologi Malaysia | Final Year Project | Main Supervisor |
| 2012 | 40 | Saadiah Binti Seman | Completed | Amalan Pembelajaran Koperatif di Kalangan Pensyarah-Pensyarah Jabatan Kejuruteraan Elektrik, Politeknik Ungku Omar, Ipoh, | Final Year Project | Main Supervisor |

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POSTGRADUATE EXAMINATION /VIVA

UTM STUDENTS/VIVA

I. EXAMINATION/VIVA PANEL:

- i) Chairman of the M.Ed. Viva Panels for Wan Zakiah Wan Sulong, Sept 2014
- ii) Chairman of M.Ed Viva Panels for Mustafa Othman, Feb 2012
- iii) Assistant Chairman of PhD Viva Panels for Mohd Shafie Rosli, Nov 2012
- iv) Assistant Chairman of Phd Viva Panels for Ahmad Muhaimin Bin Mohamad, Mar 2012
- v) Assistant Chairman of Phd Viva Panels for Kok Boon Shiong, Feb 2012

M.A EXTERNAL EXAMINER VIVA

- i) Barbara Ak Dieo, ‘Management Process of Grassroots Innovation that have Potential for Commercialization’. Institut Reka Bentuk dan Inovasi (INDI), Universiti Malaysia Sarawak (UNIMAS).

M.Ed INTERNAL EXAMINER VIVA / PROPOSAL

I. VIVA:

- i) Md Rizal Sharif, Keberkesanan Pelaksanaan Pentaksiran Kerja Projek Lukisan Kejuruteraan di Sekolah Dari Perspektif Guru, Jun 2016
- ii) Nor Salwa Ismail, Amalan Profesionalisme Keguruan Guru Reka Bentuk dan Teknologi Sekolah Rendah, Jan 2016
- iii) Mohd Saifuddeen Abd Aziz, Profesionalisme Guru Novis PTV, Kolej Vokasional, Kementerian Pendidikan Malaysia, Jan 2016
- iv) Abdul Rahman Abdul Wahab, Pembinaan Indikator Karakter Murid Kreatif Bagi Matapelajaran Rekacipta, Feb 2015
- v) Tee Bee Yong, Keberkesanan Kurikulum Perdagangan di Sekolah Menengah ke arah Melahirkan Pelajar Berkepercayaan Untuk Industri Kecil, Jan 2015
- vi) Rubaie Said, Pembinaan Piawaian Pengurusan Bengkel, Feb 2015
- vii) Nadhirah Ridzuan, Kerangka Konsep Pelaksanaan M-Learning di dalam Pendidikan Teknik dan Vokasional di Peringkat Pengajian Tinggi, Feb 2015
- viii) Rehan Mohd Taha, Pengajaran Kreatif: Elemen Serta Cabaran Pengaplikasiannya Dalam Kalangan Pensyarah Subjek Pengajian Awal Kanak-Kanak di Kolej Vokasional, Jun 2015
- ix) Akhdia Al Razi, Keberkesanan Kaedah Nyanyian Dalam Membantu Pelajar Menguasai Perbendaharaan Kata Bahasa Arab, September 2014
- x) Yusri Yusoff, Amalan Pengajaran Amali Dalam Kalangan Guru Automotif Kolej Vokasional di Negeri Johor, Mar 2014
- xi) Muhammad Afzamiman Aripin, Pembangunan Modul Integrasi Holistik Dlam Latihan Perguruan: Kajian Penambahbaikan Pendidikan Teknik dan Vokasional di Fakulti Pendidikan UTM, Mar 2012

- xii) Owolabi Sunday Oluwatosin, Transformational Leadership Attributes Among Technical and Vocational Education Leaders in Federal College of Education Technical Bichi Nigeria, Mar 2012

2. **PROPOSAL:**

- i) Jumrang Mendeng. Penerimaan dan Pengintegrasian Teknologi Kalangan Guru. Aug 2016
- ii) Siti Aminah Ahmad. Keberkesanan Kaedah Pembelajaran Berasaskan Masalah Menggunakan Helaian Kerja Dalam matapelajaran Pendidikan Kejuruteraan Elektrik dan Elektronik di Kolej Komuniti. April 2016
- iii) Nurul Syuraihah Pauzi, Kompetensi Pensyarah Novis (Teknologi Automotif) Dalam Pendidikan Vokasional di Kolej Vokasional Zon Selatan, Dec 2015
- iv) Nadia Ab Latib, Amalan Pengajaran Amali Melalui Domain Psikomotor Berasaskan Konsep Kompetensi Dalam Pendidikan Vokasional, Okt 2015
- v) Md Rizal Sharif, Keberkesanan Pelaksanaan Pentaksiran Kerja Projek Lukisan Kejuruteraan di Sekolah Menengah Harian, Okt 2015
- vi) Nor Salwa Ismail, Amalan Profesionalisme Keguruan Guru Reka Bentuk dan Teknologi Sekolah Rendah, Ogos 2015
- vii) Mohd Saifuddeem Abd Aziz, Profil Guru Novis Vokasional Dalam Meningkatkan Profesionalisme Guru Pendidikan Teknik dan Vokasional di Kolej Vokasional, Jul 2015
- viii) Siti Hajar Mohd Amin, Pembinaan Kurikulum Program Pemandangan Ilmu Penghasilan Makanan Sejuk Beku dan Pengkomersialan, Apr 2015
- ix) Nurzalina Hashim, Kriteria Pembelajaran dan Pengajaran Kursus Pendidikan Vokasional Yang Dapat Membangunkan Pemikiran Aras Tinggi Pelajar, Jan 2015
- x) Rehan Mohd Taha, Aplikasi Pengajian Kreatif Pensyarah Bidang Hospitaliti Kolej Vokasional di Johor, Oct 2014
- xi) Nur Ezzaini Mohd Nor, Penghasilan Instrumen dan Pofil Ketangkasan Reaktif Pemain Bola Jaring, Oct 2014
- xii) Tee Bee Yong, Keberkesanan Kurikulum Perdagangan di Sekolah Menengah Kebangsaan Harian ke Arah Melahirkan Pelaja Berketrampilan Untuk Industri Kecil, May 2014
- xiii) Abd Rahman Abd Wahab, Pembinaan Indikator Karakter Murid Kreatif (SCCI) Bagi Pelajar Rekacipta, September 2014
- xiv) Rubaie Said, Pembinaan Indikator Pengurusan Bengkel 5S (iPBSS), September 2014
- xv) Yusri Yusof, Amalan Pengajaran Amali Dalam Kalangan Guru Automotif Kolej Vokasional di Negeri Johor , Jul 2013
- xvi) Akhdiat Alrazi, Keberkesanan Kaedah Nyanyian Dalam Membantu Pelajar Menguasai Perbendaharaan Kata Bahasa Arab, Jul 2013
- xvii) Ahmad Bushra Abdul Rahman, Pembangunan dan Penilaian Rekabentuk Peralatan Perlindungan Keselamatan Bagi Kerja Kimpalan dan Fabrikasi Logam, Jul 2013
- xviii) Nurhanis Bt Jamaludin, Penglibatan Guru-Guru Pendidikan Teknik dan Vokasional dalam Menjalankan Penyelidikan di Sekolah, Feb 2012
- xix) Owolabi Sunday Oluwatosin, Transformational Leadership Attributes Among Technical and Vocational Education Leaders in Federal College of Education Technical Bichi Nigeria, Aug 2011
- xx) Sri Mas Zarith Mahmud,Keperluan Latihan Pengurusan Sekolah Dalam Kalangan Guru-Guru Pendidikan Teknik dan Vokasional Malaysia, Apr 2012
- xxi) Fathiyah Mohd Kamarulzaman, Penilaian Keberkesanan Pelaksanaan Kursus Kemahiran Vokasional Bagi Pelajar Bermasalah Pendengaran Berdasarkan Model KIPP, Apr 2012

- xxii) Mohd Hizwan Mohd Hisham, Pengaplikasian e-learning dalam Pendidikan Kejuruteraan Berdasarkan Model Integrasi Pembelajaran Koperatif, Apr 2012
- xxiii) Ismail Sabri Norihan, Penghayatan Falsafah Pendidikan Kebangsaan Asas Pembangunan Daya Kepimpinan Guru Pendidikan Teknik dan Vokasional, Apr 2012
- xxiv) Mohd Zulfadly Othman, Pembangunan Model dan Instrumen Penilaian Kurikulum Program Pengajian Tinggi Pendidikan Teknik dan Vokasional Universiti Teknologi Malaysia, Nov 2011
- xxv) Muhamad Afzamiman Aripin, Pembangunan Modul Integrasi Holistik Dlam Latihan Perguruan: Kajian Penambahbaikan Pendidikan Teknik dan Vokasional di Fakulti Pendidikan UTM, Aug 2011
- xxvi) Nadhirah Ridzuan, Amalan Penggunaan ICT Dalam Kalangan Pelajar Politeknik Tahun Akhir Kursus Perdagangan, Jun 2011

PhD INTERNAL EXAMINER VIVA/ PROPOSAL

1. VIVA :

- i) Ros Eliana Ahmad Zuki, Keberkesanan Modul Bimbingan Pelaksanaan Pengajaran Integrasi Holistik, May 2014
- i) Muhammad Khair Noordin, The Effectiveness of Project Based Learning on Development of Non Technical Skills Among Electrical Engineering Students, Jan 2014
- ii) Nor Fadila Mohd Amin, Kesan Sistem Pembelajaran Web Reka Cipta Berasaskan Andragogi- Pembelajaran Arah Diri, Apr 2013
- iii) Kamalularifin Subari, Keberkesanan Penggunaan Helaian Kerja Berasaskan Pembelajaran Inkuiri Terbimbing Dalam Matapelajaran Pendawaian Domestik, Apr 2013

2. PROPOSAL:

- i) Mohamad Zaid Mustafa, Model Pengaruh Kesan Mediator Kepuasan Kerja Terhadap Hubungan Kecerdasan Emosi dan Komitmen Organisasi Dalam Kalangan Guru Teknik dan Vokasional Kementerian Pendidikan Malaysia, Feb 2015
- ii) Muhamad Afzamiman Aripin, Pendekatan Holistik dan Pembinaan Modul Dalam Pendidikan Pemulihan Melalui Latihan Kemahiran di Jabatan Penjara Malaysia, Feb 2015
- iii) Ahmad Nabil Md Nasir, Amalan Pengajaran Pembelajaran Praktikal Subjek Elektronik di Kolej Vokasional Malaysia, Dec 2014
- iv) Mohd Fahmi Adnan, A Framework of Contextual Knowledge in Three Dimension Design for Mechanical Engineering Undergraduate, May 2014, Center of Engineering Education (CEE UTM)
- v) Rosnah Othman, Kerangka Pembelajaran Berasaskan Projek Bagi Pelajar Institut Kemahiran MARA, Apr 2014
- vi) Abu Bakar Mamat, Pembinaan Instrumen Pengukuran Kompetensi K-Workers Dalam Bidang Pertanian di Institut Pertanian Malaysia, Apr 2014
- vii) Khairul Anuar Abd Rahman, Kerangka Konseptual Model Rekabentuk Video Pembelajaran Berasaskan Masalah Berorientasikan Projek dan Pendidikan Berasaskan Ketrampilan, Jan 2014
- viii) Inti Muhammad Muhammad, Generic Skills Integration Education in National Diploma Mechanical Engineering Curriculum in Nigerian Polytechnics An Outcome Based Approach, July 2013
- ix) Ros Eliana Ahmad Zuki, Keberkesanan Modul Bimbingan Pelaksanaan Pengajaran Integrasi Holistik, Jan 2013

- x) Sivakumar A/L Balakrishnan, Model Konseptual Kesiediaan Guru Dalam Melaksanakan Pentaksiran Berasaskan Sekolah di Sekolah Menengah, Oct 2013
- xi) Abdul Majeed Makkal, Model Konseptual Pengajaran Rekacipta Sekolah Rendah Berdasarkan Teori Pemikiran Kritif dan Inovatif, Oct 2013
- xii) Dahiru Sale Mohamed, An Alternatif Technical and Vocational Education Conceptual Model for Nigeria to Overcome Poverty, Dec 2013
- xiii) Siti Suhaila Samian, Kerangka Model Halatuju Kerjaya Pelajar OKU Pendengaran di Politeknik, Nov 2013
- xiv) Normala Rahmat, Kerangka Model Ramalan Prestasi Kerja Berdasarkan Kemahiran Employability dan Peranan Kerja Graduan Kejuruteraan Politeknik Malaysia, Nov 2013
- xv) Ahmad Aliyu Deba, Model of Service Learning Integration in Technical and Vocational Education Toward Enhancing Students' Engagement at Nigerian Tertiary Education Level, Mar 2013
- xvi) Muhammad Khair Noordin, The Effectiveness of Project Based Learning on Development of Non Technical Skills Among Electrical Engineering Students, May 2012
- xvii) Dayana Farzeeha Ali, The Effectiveness of Virtual Reality Application in Learning Engineering Drawing on Students Visualization Skill, Mar 2011

PUBLICATIONS

JOURNAL

ISI Journal :

1. Lokman Mohd Tahir, Muhamad Berhanddin Musah, Abdul Halim Abdullah, **Aede Hatib Musta'amal** & Mohd Hazim Asran Abdullah. Technical College Teachers Sharing Their Knowledge: Does Leadership, Institutional Factors or Barriers Predict Their Practices. *Educational Studies* , Vol 42, No 5, 465-492. DOI: 10.1080/03055698.2016.1230046, Quartile 4, IF: 0.5 (Year 2016)
2. Mohd Khata Jabor, Mohd Tajudin Ninggal, Ahmad Aliyu Deba, **Aede Hatib Musta'amal**. "What Service-Learning can do in Enhancing Problem-Solving Skills in Technical Vocational Education?". *Archives Des Sciences*, Vol 65, No 7, 761-770, July 2012 (ISSN 161-464X) IF: 0.296 (Year 2012)
3. Norzanah Rosmin, Suhaila Samsuri, Mohammad Yusri Hassan, **Aede Hatib Musta'amal**, Hasimah Abdul Rahman. "Power Control for a Small-Sized Regulated Variable-Speed Wind Turbine using Speed Loop Control Method". *Archives Des Sciences*, Vol 65, No 7, 761-770, July 2012 (ISSN 161-464X) IF: 0.296 (Year 2012)
4. Yahya Buntat, Muhammad Sukri Saud, Syed Mohamed Shafeq Syed Mansor, **Aede Hatib Musta'amal**, Nuriyah Mohamad Saleh, Mahfuzah Musban (2012). Competency Based Education of Vocational Education Students in Malaysia, Vol 65, No.10, 165-170, Oct 2012 (ISSN 161-464X) IF: 0.296 (Year 2012)

SCOPUS Journal :

1. Nor Aisyah Derasid, **Aede Hatib Musta'amal**, Norfadila Mohd Amin, Abdul Rashid Husain, "Content Validity for Innovation Level of UTM Undergraduate Students: A Quantitative Approach." *Man In India*. Vol. 96 No.1, January 2016 (ISSN 00251569) 477 – 488. (**SCOPUS Index**)
2. Oke, J.O., **Musta'amal, A.H.**, Ogundola, P.I."Confirmatory Factor Analysis Of Socila Environmental Sub-Components Necessary For Creativity Development Of Building Technology Students In Nigeria

- Technical Colleges.” *Man In India*. Vol. 96 No. 1-2, January 2016, (ISSN 00251569), 93 – 101. **(SCOPUS Index)**
3. **Musta’amal, A.H.**, Norman, E.W.L., Rosmin, N., Jabor, M.K. “Capturing Creative Behaviours In Computer Aided Designing Using Design Diaries.” *Man In India*. Vol. 96 No. 1-2, January 2016, (ISSN 00251569), 667 – 674. **(SCOPUS Index)**
 4. Nornazira, S., **Aede, H.M.**, Fadila, M.A.N., Mokhtar, M, Husna, A.W.N.”A Needs For The Development Of A Competency Model For Culinary Professionals.” *Advanced Science Letters*. Vol.21 No.6, June 2015 (ISSN 19366612), 1662 – 1665. **(SCOPUS Index)**
 5. Nornazira, S., **Aede Hatib, M.**, Nor Fadila, M.A, & Noor Khairul Anuar, J.”A Preliminary Study of the Needs for the Development of Competency Measurement Instrument for Malaysian Chefs”. *Pertanika Journal of Social Sciences & Humanities*, Vol.23 No.5, Aug 2015 (ISSN 0128-7702), 159 – 172. . **(SCOPUS Index)**
 6. Oke, J.O, **Musta’amal, A.H.**, Muhammad Inti, M.”Identifying Creativity Among Nigerian Children: Implication for Enhancing A Sustainable Technical Vocational Education and Training Programme”. *Jurnal Teknologi*. Vol.77 No.13, November 2015 (ISSN 21803722) 133 – 138. **(SCOPUS Index)**
 7. Rosmin, N., Jauhari, A.S., **Musta’amal, A.H.**, Husin, F., Yusri Hasan, M. “ Experimental Study For The Single-Stage And Double-Stage Two-Bladed Savonius Micro-Sized Turbine For Rain Water Harvesting (RWH) System. *Energy Procedia*. Vol.68, April 2015 (ISSN 18766102), 274 – 281 **(SCOPUS Index)**
 8. Audu,R, Yusri Kamin, **Aede Hatib Musta’amal & Muhammad Sukri Saud.**”Assessment of the Teaching Methods that Influence the Acquisiyion of Practical Skills”. *Asian Social Science*. Vol.10, No.21, 2014 (ISSN 1911-2017; E-ISSN 1911-2025) **(SCOPUS Index)**
 9. Ahmad Aliyu Deba, Mohd Khata Jabor, Yahya Buntat & **Aede Hatib Musta’amal.**”Potential of Service Learning on Students’ Interpersonal Skills Development in Technical and Vocational Education”. *Asian Social Science*. Vol.10, No.21, 2014 (ISSN 1911-2017; E-ISSN 1911-2025) **(SCOPUS Index)**
 10. Audu, R., Kamin, Y.B., **Musta’amal, A.H.**, Saud, M.S.”Perception of Teachers and Administrators on the Teaching Methods That Influencethe Acquisition of Generic Skill.” *International Education Studies*. Vol.7 No.11, October 2014 (ISSN 19139020), 40 – 46. **(SCOPUS Index)**
 11. Siti Hajar Azeman, Yahya Buntat, **Aede Hatib Musta’amal**, Asnul Dahar Minghat, Mohamed Shariff Mustaffa. “Perception Towards Specific Seating Arrangements to Promote On-Task Behaviour Among Pupils in the Classroom”. *Advanced Science Letters*. Vol. 19, No.12, December 2013, 3733-3735(3) **(SCOPUS Index)**

H INDEX :

Scival Experts H index : 1

Google Scholar H Index : 4

NON INDEXED Journal :

- i) Azlina Awi dan **Aede Hatib Musta’amal.** “Kompetensi Bakal Graduan Bidang Teknologi Kejuruteraan di Kolej Vokasional’. *Jurnal Persatuan Pendidikan Teknik dan Vokasional Malaysia*, Jilid 6/Vol 6 September 2016, 86-99 (ISSN 1985-6652)
- ii) Jonathan Ojo Oke & **Aede Hatib Mustaámal.**”Resources Needed in Creativity Development in Building Technology Students in Nigeria Technical Colleges. *Jurnal Pendidikan Nusantara*. Special Edition, April 2016 (ISSN 2289-9375). 262 – 272.
- iii) Rohaiza Zakaria, **Aede Hatib Musta’amal**, Jonathan). Oke, Mohd Noor Rashidi Ahmad & Norzanah Rosmin.”Development and Maintenance of Sketching Diary for Exploring Sketching Behaviours in

- Product Design”. *International Journal of Educational Foundation & Management*. Vol.9 No.2, September 2015, 121 – 135.
- iv) Mohd Noramdzan Mohd Yusof, **Aede Hatib Musta’amal**, Audu Rufai & Jonathan O. Oke.” Application of Creativity in Higher Institutions of Learning in Malaysia”. *International Journal of Educational Foundation & Management*. Vol.9 No.2, September 2015, 27 – 36.
- v) Jonathan Ojo Oke, **Aede Hatib Musta’amal**.”Confirmatory Factor Analysis of Background Information for Selecting Technology Students for Creative Thinking Skill Development in Technical Colleges of Ekiti and Ondo States, Nigeria”. *International Journal of Educational Foundation & Management*. Vol.9 No.2, September 2015, 65 – 76.
- vi) N.Rosmin, N.H.Rahman, & **A.H.Musta’amal**. “Performance Comparison of Three Micro-Sized Blade Rotor Designs for Malaysia Wind Speed Conditions”, *Applied Mechanics and Materials*, Vol. 785 (DOI 10.4028/www.scientific.net/AMM.785.310), 310 – 314.
- vii) Nornazira Suhairon, **Aede Hatib Musta’amal**, Nor Fadila Mohd Amin and Noor Khairul Anuar Johari.”The Emergence of Culinary Tourism in Malaysia Tourism Hospitality Industry: The Role of Chefs”. *Humanities and Social Sciences Review*. Vol.4 No.1, 2014 (ISSN 2165 – 6528), 191 – 196
- viii) Anwar Hamid., **Aede Hatib Musta’amal** & Jonathan O. Oke.”Development and Validation of Instrument for Evaluating Rubrics on Product Design Innovation Using Many-Facets Rasch Measurement Model”. *International Journal of Educational Foundation & Management*. Vol.9 No.2, September 2015, 40 – 64.
- ix) **Aede Hatib Musta’amal**, Yusri Kamin, Audu Rufai. “Assessment of the Teaching Methods that Influence the Acquisition of Employability Skills of Mechanical Engineering Trades Students at Technical College Level.” *International Journal of Physical and Social Sciences*. Vol.4 No.9, September 2014, 363 – 377.
- x) **Aede Hatib Musta’amal**, Yusri Kamin, and Audu Rufai.”Assessment of the Teaching Methods that Influence the Acquisition of Employability Skills of Mechanical Engineering Trades Students at Technical College Level”. *International Journal of Physical & Social Sciences*, Vol 4 Issue 9, 363 – 377. ISSN 2249-5894 (2014)
- xi) Audu Rufai, **Aede Hatib Musta’amal**, Yusri Kamin, Muhammad Sukri Saud. “Retraining Needs of Motor Vehicle Mechanics Teachers at Technical College Level”. *Journal of Technical Education and Training*, Vol.6, No. 11, 1-12 ISSN 2229-8932 (non-citation-index journal) (2014)
- xii) Ahmad Aliyu Deba, Mohd Khata Jabor, Yahya Buntat, and **Aede Hatib Musta’amal**. “Potential of Service-Learning on Students’ Interpersonal Skills Development in Technical and Vocational Education’. *Asian Social Science*, Vol 10 (21), 1 – 9. Published by Canadian Center of Science and Education. ISSN 1911-2017, E-ISSN 1911-2025. (2014)
- xiii) Audu Rufai, Yusri Kamin, **Aede Hatib Musta’amal**, Muhammad Sukri Saud “Assessment of the Teaching Methods that Influence the Acquisition of Practical Skills’. *Asian Social Science*, Vol 10 (21), 1 – 9. Published by Canadian Center of Science and Education. ISSN 1911-2017, E-ISSN 1911-2025. (2014)
- xiv) Norzanah Rosmin, Muhammad Zulkifli Yusof, **Aede Hatib Musta’amal**. “Energy Consumption Study on School Uniform Ironing: A Case Study in Malaysia”. *International Journal of Education and Research*, Vol. 1 No.9 September 2013, 1 – 16. ISSN 2201-6333 (Print) ISSN 2201-6740 (Online) (non-citation-index journal) (2013)
- xv) Mohd Khata Jabor, Magaji Ibrahim Sale, Ahmad Aliyu Deba, **Aede Hatib Musta’amal**, Abu Bakar Sadiq. “Responsibility of School’s Leaders in Tackling The E-Learning Barriers in Technical and Vocational Education Higher Institutions”. *Journal on Efficiency and Resonsibility in Education ad Science (ISSN: 1803-1617)*, 134 – 142. (non-citation-index journal) (2013)
- xvi) Yahya Buntat, Nuriyah Mohamad Saleh, Mahfuzah Musban, **Aede Hatib Musta’amal**, Muhammad Sukri Saud, Faizah Mohamad Nor. “Competency Based Education: A Case of Akademi Binaan Malaysia”, *Procedia-Social Behavioral Sciences, Volume 93, 21 October 2013, 1536-1540*

- xvii) **Aede Hatib Musta'amal**, E.W.Norman, Yahya Buntat and Mohd Khata Jabor. "Does CAD Really Encourage Creative Behaviours Among its Users: A Case Study", in *Procedia-Social Behavioral Sciences*, Volume 56, 8 October 2012, 602-608
- xviii) Jamaliah Mohd Jamal, Rohana Hamzah and **Aede Hatib Musta'amal**. "The role of Technical and Vocational Education in Career Development", *Journal of Technical, Vocational & Engineering Education (ISSN:2231-7376)*, Vol.5 March 2012, 28 – 34 (non-citation-index journal)
- xix) **Musta'amal, A.H**, Book Review: Educational Design Research by Jan Van Den Akker, Koeno Gravemeijer, *Design and Technology Education: an International Journal*, Vol 13, No. 2 (2008). (non-citation-index journal)
- xx) **Musta'amal, A.H**, Norman, E.W and Hodgson, A.R "Gathering Empirical Evidence Concerning Links Between Computer Aided Design (CAD) and Creativity". *Design and Technology Education: an International Journal* (2009) (non-citation-index journal)

PROCEEDINGS/CONFERENCE/SEMINAR

SCOPUS Indexed Conference/Seminar

- i) Nornazira Suhairon, **Aede Hatib Musta'amal**, Nor Fadila Mohd Amin and Noor Khairul Anuar Johari."The Emergence of Culinary Tourism in Malaysia Tourism Hospitality Industry: The Role of Chefs". *International Conference for Academic Disciplines*, American University of Rome, Via Pietro Roselli 4, Rome. 28 ~ 31 October 14 (**SCOPUS Index**)
- ii) N.K. Sidek, Norzanah Rosmin, Hasimah Abdul Rahman, Mohammad Yusri Hassan, Faridah Hussin & **Aede Hatib Musta'amal**. "Efficiency of Optimization of An Induction Machine Using Optimal Flux Control", *2014 IEEE Conference on Energy Conversion (CENCON) 2014*, (ISSN 9781479948482), 219 – 224. (**SCOPUS Index**)
- iii) Nornazira Suhairon, **Aede Hatib Musta'amal**, Nor Fadila Mohd Amin and Noor Khairul Anuar Johari."The Development of Competency Model and Instrument for Competency Measurement: The Research Methods". *Procedia Social and Behavioral Sciences*, Vol 152, 7 October 2014 *Science Direct*. 1300 ~ 1308 (**SCOPUS Index**)
Pietro Roselli 4, Rome. 28 ~ 31 October 2014.
- iv) Norzanah Rosmin, Fauziahnah Rosmin, **Aede Hatib Musta'amal**. "Do Slow Learners, Pre-school Children Learn Number More Effectively with SOBATAKA?", *Proceedings of 2013 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE 2013)*, 26 – 28 August 2013, Kuta, Bali, Indonesia, 495 -500 (**SCOPUS Index**)
- v) Rosmin, N, Watson, S.J, **Musta'amal, A.H**. "Power Optimization For a Variable-Speed Stall Regulated Wind Turbine Using Scalar Control". *Proceeding 4th International Conference on Clean Electrical Power: Renewable Energy Resource Impact (ICCEP 2013)*, 11 – 13 June 2013, Alghero, Italy, 440 -446 (**SCOPUS Index**)
- vi) Rosmin, N, Watson, S.J, **Musta'amal, AH**. "Stall-Regulated Variable-Speed Wind Turbine Simulink Model", *Proceedings of 2013 IEEE 7th International Power Engineering and Optimization Conference (PEOCO 2013)*, 3 – 4th June 2013, Langkawi, Malaysia, 697 – 702. (**SCOPUS Index**)
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- xxxii) Article Reviewer **International Conference on Technology, Informatics, Management, Engineering & Environment [TIME-E 2013] (2013)**.
- xxxiii) Article Reviewer. **2013 IEEE Business, Engineering & Industrial Application Colloquium [BEIAC 2013]**.
- xxxiv) Article Reviewer. **2012 IEEE Colloquium on Humanities, Science & Engineering Research [CHUSER 2012]**.
- xxxv) Article Reviewer. **International Conference on Agricultural, Food and Biological Engineering [ICAFBE 2012]**.

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- i) Article Reviewer. “A Cross Sectional Comparison of Malaysian Engineering Undergraduates’ Intellectual Maturity Across Year of Study.” **Jurnal Teknologi (2016)**
- ii) Article Reviewer. “Contextual Knowledge Application in the Creation of 3D CAD Model”. **Jurnal Teknologi (2016)**.
- iii) Article Reviewer. “Model Authentic Learning Bagi Program Kejuruteraan Politeknik Malaysia: Aplikasi Interpretive Structural Modelling (ISM)”. **Malaysian Journal of Learning Instruction (2016)**.
- iv) Article Reviewer. “Evaluation of the Guide Module for Integrated Holistic Teaching”. **Jurnal Sains Humanika (2014)**.

- v) Article Reviewer. “Nilai Profesionalisme Bakal Guru Berteraskan Indikator Standard Guru Malaysia (SGM)”. **Jurnal Teknologi** (2012)
- vi) Article Reviewer. . “Hala Tuju Pendidikan Teknik dan Vokasional: Integrasi Kaedah Avicenna dan Konsep Pendidikan Untuk Semua”. **Jurnal Teknologi** (2011)

2. *Proceeding/Conference/Seminar:*

- i) Article Reviewer. “ Enhancement on Visual Communication for Pre-school Education Using Transmedia Approach”. **Colloquium on Administrative Science and Technology [CoAST 2013]**.
- ii) Article Reviewer. “Academic Achievement, General Life Satisfaction and General Health”. **Colloquium on Administrative Science and Technology [CoAST 2013]**.
- iii) Article Reviewer. “Comparative Study on Course Evaluation Process: Students’ and Lecturers’ Perceptions”. **Colloquium on Administrative Science and Technology [CoAST 2013]**.
- iv) Article Reviewer. “Implicating the Undergraduate Studio Learning Through Betterment of ‘Content Making’ -Setting Up Conceptual Framework”. **Colloquium on Administrative Science and Technology [CoAST 2013]**.