



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Kurikulum Vitae Curriculum Vitae



I. Maklumat Peribadi: Personal Particulars

Nama: ABDUL RAFEQ BIN SALEMAN
Name: _____

Jawatan Sekarang: PENSYARAH Tetap / Sementara TETAP
Current Position: _____ (Permanent/temporary)

Gred Kumpulan: DS45 Tarikh Pengemaskinian CV : 13 JANUARY 2014
Gred position Date of CV updated:

II. A. Kelulusan Akademik dan Profesional (Silasenaikan semua kelulusan akademik bermula daripada ijazah Sarjana Muda mengikut susunan kronologi) Academic and Professional Qualifications (Please list all academic qualifications, from your first degree in chronological order)

Tahun Year	Kelulusan Degree	Pengkhususan Discipline	Universiti University
2011	MASTER	MECHANICAL	UNIVERSITI MALAYA
2012	DEGREE	MECHANICAL	UNIVERSITI KEBANGSAAN MALAYSIA

B. Tajuk tesis pascasiswazah (Silasenaikan tajuk tesis bermula daripada peringkat Sarjana mengikut susunan kronologi) Titles of postgraduate thesis written (Please list all thesis written, from your Master Degree in chronological order)

- SIMULATION USING CFD ON HEAT TRANSFER ENHANCEMENT USING NANOFLUIDS AS COOLANT IN CAR RADIATOR
- MONITORING OF WELDING FRACTURE USING ACOUSTIC EMISSION TECHNIQUE

III. Bidang Penyelidikan Utama (Silasenaikan tiga sahaja) Main Areas of Research Interest (Please list a maximum of three)

Thermal fluids, Solar, Internal Combustion, Tribology

IV. Projek Penyelidikan Yang dilaksanakan (Silatulis tajuk, tajaan dan nombor rujukan projek sejak 2007) Completed/On-going research project since 2007 (Please write the title, funder and reference number)

- Principle researcher for Short Term Grant Project, Universiti Teknikal Malaysia Melaka.**
Title: Development Of Low Carbon, Light Weight And Steady Heliostat System For Concentrating Solar Tower (CST) Application. **2012-2014**
- Principle researcher for Short Term Grant Project, Universiti Teknikal Malaysia Melaka.**
Title: Design and Fabrication Of A Race Car Vehicle for UTeM Formula Varsity, **2011-2012.**
- Co-researcher for Short Term Grant Project, Universiti Teknikal Malaysia Melaka.**
Title: A Study Of Future Model Of Solar Concentrating Tower In Tropical Climate. **2012-2014**
- Co-researcher for Research Acculturation Grant Scheme (RAGS.)**
Title: Novel Thermal Management of HEVs/EVs battery Modules with Micro PCM/CNT Composites. **2012-2014**
- Co-researcher for Short Term Grant Project, Universiti Teknikal Malaysia Melaka.**
Title: Development of Time-Frequency Distributions (TFD) Measurement Technique for Transformer Fault

<p>Identification, 2013-2014</p> <p>6. Co-researcher for Short Term Grant Project, Universiti Teknikal Malaysia Melaka Title: Compact 10 GHz Distributed Band Pass Filter Using Cascade Strip-Line Resonator with Dumbbell Defected Ground Structure (DGS) for Radar Applications, 2013-2014</p>
<p>V. Senarai Anugerah Penyelidikan yang diperolehi (<i>Senaraiperolehan anugerahpenyelidikansejak 2007</i>) List of awards (<i>Please list research awards received since 2007</i>)</p> <p>Silver Award for product “Emerging Lubrication Technology of Bearing Materials” (Co-Researcher)</p>
<p>VI. Bilangan dan no. pendaftaran Harta Intelek yang dihasilkan Quantity and registration number of Intellectual Property</p> <p>1 copyright</p>
<p>VII. Bilangan sitasidannamajurnal Number of citation and name of journals</p>
<p>VIII. Bilangan penerbitan dalam Jurnal Berimpak Number of publication in high index journals</p>
<p>IX. SENARAI UTAMA PENERBITAN (<i>penerbitanjurnal/prosiding/bukusejak2007nyatakanimpakfaktor</i>) List of Major Publication (<i>Please list publication since 2007- state the impact factor</i>)</p> <ol style="list-style-type: none"> 1. Author, Malaysian International Tribology Conference (MITC2013), 2013 Title: Preliminary Study of CST in Malaysia based on Field Optical Efficiency 2. Co-author, Malaysian International Tribology Conference (MITC2013), 2013 Title: Gnielinski Method in calculating the heat transfer coefficient for the metallic solar tower absorber 3. Co-author, Malaysian International Tribology Conference (MITC2013), 2013 Title: Elastohydrodynamics Lubrication For Bio-Based Lubricants in Elliptical Conjunction 4. Co-author, Malaysian International Tribology Conference (MITC2013), 2013 Title: Comparisons of Soot Particle Movement based On Crank Angle 5. Co-author, International Conference of Engineering & ICT (ICEI), 2012 Title: Tensile and Hardness Properties Of Kenaf-Pp/Pla Composite Graphite Polypropylene. 6. Co-author, International Conference of Engineering & ICT (ICEI), 2012 Title: Nanofluids as Coolant In Automotive Cooling System-Heat Transfer Characteristics Of Car Radiator Using Cu-Based Nanofluid. 7. Co author, International Manufacturing Conference Engineering (IMEC), 2013 Title: Synthesis of Four Bar Slider Mechanism for Finitely Three Separated Positions for Heliostst Application 8. Co author, International on Advances in Mechanical Engineering (ICAME), 2013 Title: Analysis of Soot Particel Movement in Diesel Engine under the influence of Drag Force.
<p>X. Senarai Penyeliaan Pelajar PascaSiswazah (<i>Silasenaraikannamapelajar, tajukdan peringkat pengajiansemenjak 2007</i>) Supervisor for postgraduate students since 2007 (<i>Please list their names, project title and status</i>)</p>