



Curriculum Vitae

Full name : **MD RAZAK BIN DAUD**
D.O.B : 18.05.1981
Nationality : Malaysian
Current Position : Lecturer (Polytechnic Malaysia (2005-present))
Mobile No. : 016-5097432
E-mail : razakat@gmail.com

Main Areas of Research Interest: Surface –EDM DS , Tribology, Biomaterial

Academic and Professional Qualifications

Degree (Year) : **Master Technology Vocational Edu.(2003-2004)**
Field : Industrial training development (OJT)
Institution : Kolej Universiti Teknologi Tun Hussein Onn, Johor, Malaysia.

Degree (Year) : **B.Eng. Electrical (Mechatronics) (1999-2003)**
Field : Mechatronic
Final Year Project : Contactless vibration measurement.
Institution : Kolej Universiti Teknologi Tun Hussein Onn, Johor, Malaysia.

Degree (Year) : **PhD Mechanical candidate (2012- present)**
Field : Friction and wear study on the hip implant surface
Institution : Universiti Teknologi Malaysia, 81310 UTM Johor .Malaysia

PUBLICATIONS / CONFERENCES

1. Lubrication on the Curve Surface Structure Using Palm Oil and Mineral Oil- MITC2013
D. Md Razak; S. Syahrullail; Azli .Y; Nazriah Mahmud; Nor Liyana Safura Hashim; Kartiko .N
2. Wear Characteristic of Palm Olein as Lubricant in Different Rotating Speed- MITC2013
S. Syahrullail; N. Nuraliza; M.I. Izhan; M.K. Abdul Hamid; D. Md Razak
3. Micro-Pits On Biomaterial In Electrical Discharge Machining By Using Taguchi Method- Wseas2013
MDR Daud, S Samion, A Yahya, N Mahmud, Norls Hashim, K Nugroho
4. Investigation Of Workpiece Positioning Methods For Machining Oil-Pocket On Hip-Implant Spherical Surface- Key Engineering Materials 594, 535-5392013
K Nugroho, A Yahya, S Hashim, N Liyana, Mr Daud, H Khamis, N Hisham.
5. Machining Pits On The Acetabular Surface Via Electrical Discharge Machining Process
Md Razak D, Azli Y, Syahrullail.S, Nazriah.M, Nor .L.S.H & Kartiko.N. Igcesh 2013
6. Review & Simulation Studies Of Electrical Discharge Machining Servomechanism Controller.
Nor Liyana .Sh, Azli .Y, Nazriah .M, Kartiko .N, Md . R.D And Trias .A
7. The Effect Of Current Rates On Surface Skd 11 For Electrical Discharge Machine Die Sinker. (Icmer 2013)Md Razak D, Syahrullail.S, Azli Y, Nazriah.M, Nor .L.S.H & Kartiko.N.

AWARDS

- International Engineering Invention & Innovation Best Of The Best Award 2013
- Gold medal for invention Hip Screening Mechanism for Tribology Hip prosthetic application (i- ENVEX 2013)
- I-Envex best award classed B (Automotive, Transportation & Industrial design) 2013
- Bronze medal for invention Novel Acetabular Cup With Embedded Micropits For Hip Implant Application (15th Industrial Art And Technology Exhibition - Inatex 2013)
- Bronze medal for invention Hip Implant tribology characteristics using hip screening mechanism (15th Industrial Art And Technology Exhibition - Inatex 2013