

Curriculum Vitae



1. Name : Abu Bakar bin Sulong
2. Designation (Prof./Assoc. Prof./Dr.) : Prof Ir Dr (PEng, MIEM)
3. Date of Birth : 21 September 1977
4. Nationality : Malaysia
5. Contact :
 - a. Office Address : Dept. of Mechanical & Manufacturing Engineering, Faculty of Engineering & Built Environment, Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor
 - b. Tel. No. : 03-89216678
 - c. Fax No. : 03-89259659
 - d. Mobile Phone : 013-3320909
 - e. E-mail Address : abubakar@ukm.edu.my; sulongabubakar@gmail.com
 - f. Web : www.ukm.my/abubakar ; www.ukm.my/persis
 - g. Research ID : <http://www.scopus.com/authid/detail.url?authorId=14919776300>
6. Academic Qualifications : D.Eng (Sejong University, Korea, 2008) Mechanical Engineering
Title of Thesis : Functionalized carbon nanotubes reinforced polymeric composites: Manufacturing process, Alignment, optimization and Material characterization
B. Eng (Gifu University, Japan, 2001) Mechanical & System Eng.
7. Field(s) of Specialization : Polymer Composite, Powder Injection Molding, 3D Printing
8. Current Research Areas : 1) Metal (Titanium) 3D Printing
2) Polymer Nano composite for High Electrical Conductive
3) Polymer Composite

- 4) Metal/Ceramic composite for Powder Injection Molding
- 5) Kenaf polymer composite for automotive application

9. Brief Career History : 2/2001 ~ 12/2001 : R&D Training Engineer, SMK Corporation, Japan
 1/2002 ~ 12/2002 : R&D Engineer, SMK (M) Sdn Bhd
 1/2003 ~ 2/2004 : Logistic Engineer, PROMAXUS Sdn Bhd
 3/2004 ~ 2/2008 : Tutor UKM (study leave)
 3/2008 ~ 3/2013 : Senior Lecturer (Manufacturing Programme Coordinator)
 4/2013 ~ 7/2017 : Assoc Prof Ir (Accreditation Coordinator)
 7/2017 ~ 12/2019 : Chief Editor Jurnal Kejuruteraan
 9/2019 ~ current : Deputy Director of Research Management Center UKM

10. Professional Society

- Member of Malaysia Board of Engineer (BEM), No Pendaftaran 43090A(2005)
- Member of Institute Material Malaysia (IMM), No Pendaftaran 2046 (2008)
- Member of Association Powder Metallurgy International (AMPI) , No Pendaftaran 42342(2011)
- Member of Malaysian Powder Metallurgy and Particulate Association (MPM2A), No Pendaftaran 007(2009). Secretary II
- Member of Malaysian Nano Association (MNA), No Pendaftaran 111 (2011)
- Corporate Member of Malaysia Insititute of Engineer (MIEM), No Pendaftaran ME01113
- Profesional Engineer (Malaysia Board Of Engineer BEM), No Pendaftaran 16139)
- Profesional Engineer with Practicing(Malaysia Board Of Engineer BEM), No Pendaftaran C116139)

11. List of Postgraduate Students Supervised

As	No of Students			
	PhD		MSc	
	On-going	Finish	On-going	Finish
Main Supervisor	5	13	0	3
Co-supervisor	4	9	3	4
Main Supervisor (Course Work)	-	-	6	13
Internal Examiner	-	13	-	9
External Examiner		7		21

12. Achievements/Awards :

- Best Educator Awards (certificate) 2009
- Research Award 2010,2011,2012, 2015 (with group AMReG and AMPI)
- Excellent Worker Award 2009, 2010, 2015, 2018
- Anugerah Anjakan Gaji 2012
- MARQUIS Who's Who in the World 2011, 2012, 2013, 2015, 2017
- TOP 100 Engineers 2011, Int. Biographical, Cambridge
- Anugerah Penyelidikan Cemerlang FKAB 2013,2014
- Top 50 (no 42) of UKM for publication numbers from 2011-2016
- Anugerah Bitara Harapan UKM 2016
- Top 10 (no 8) of UKM for publication numbers from 2013-2017

13. Number of Publications (H index: 31, citation >2810) (Scopus data, 9/2020)

Scopus data Sept 2020

Total 232 (176 between 2015~2020), 2810 citation.

From 232, Q1(71), Q2 (22), Q3 (28), Q4 (12)

31 H-index

3 keynote speaker at International Conference

2 keynote speaker at Regional Conference

8 Invited speaker at Regional and International Conference

2 Best paper awards

Publications	Bil.
Chapter in book	3
Journal (certified e-rep UKM)	219
Proceeding (International)	84
Proceeding (National)	52
Reviewer (International & National)	120

14. Teaching, Learning & services Highlights

- EAC head panel examiner for Mechanical Engineering and Manufacturing Engineering
- External Accessor for Mold & Die Technology (Engineering Degree) GMI, 2016 - 2018

- External Accessor for Machine Technology (Engineering Degree) UniKL, 2015 - current
- Lead committee for Self-Assessment Report SAR for Manufacturing Degree, Mechanical & Material Engineering Dept, UKM for 2012, 2013 and 2016
- Lead committee for Self-Assessment Report SAR for Mechanical Degree, Mechanical & Material Engineering Dept, UKM for 2017
- University level committee for Quality (Swa-akreditasi) dan Post-graduate (Manual)
- Attended and Qualify for 5 days as Lead Evaluator for Accreditation, MySET 2014
- Attended 1 Day course Complex Engineering and Accreditation preparation, MySET 2013
- Visiting Professor at India Institute of Technology (IIT) Guwahati India, 2014
- Visiting Professor at University Sriwijaya UNSRI, Palembang Indonesia, 2016
- Visiting Professor at University Bung Hatta, Padang, 2018
- Visiting Professor at Hangzhou Dianzi University, China, 2018
- Member for Syllabus Curriculum Review for Mechanical and Manufacturing Degree 2009, 2012, 2016
- Attend series of courses organized by AKEPT
- Certified CATIA V5 Professional Part Drawing
- Certified 5 days Training of Injection Molding
- Advanced User for Moldflow and Procast simulations

15. Research Highlights

- Research Grants (2013 ~ 2020)

Source	No.	Total (RM)
UKM	38	3,446,850
National Level	16	3,758,210
Total	52	7,205,060

- MOHE National Level Grant Evaluator, since 2015
- Invited Speakers (12 Conferences), Keynotes Speaker (4 Conference)
- UKM, internal grant evaluator, since 2012
- Active Researcher in 5 research group in UKM, and have 5 International active collaborators
- Paten (2 paten Filing)