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Date: 5 July 2018

Academic Qualification

1. Ph.D (Electro-Mechanical), Université de Technologie de Compiègne, France
2. Diplôme d'Ingénieure / M. Eng. (Mechatronics), Université de Technologie de Compiègne, France
3. Diplôme Universitaire de Téchnologie, (Mechanical Engineering and Manufacturing), Université de Rennes 1, France
4. Diplôme d'Etudes Françaises (French Language), Université de La Rochelle, France

Professional Experiences

1. Feb 2018 – to date	Head of Diploma Programme, Faculty of Mechanical Engineering, Universiti Malaysia Pahang
2. Jan 2017 – to date	Faculty Student Activties Advisor, Faculty of Mechanical Engineering, Universiti Malaysia Pahang
3. May 2016 – to date	Senior Lecturer, Faculty of Mechanical Engineering, Universiti Malaysia Pahang
4. Sep 2012 – Jan 2015	Tutor, Department of Mechanical Engineering, Université de Technologie de Compiègne, France
5. Sep 2009 – Feb 2010	Assistant Engineer, SKF Aerospace, St Vallier, France
6. Apr 2008 – June 2008	Assistant Technician, PSA Peugeot Citroën, Rennes, France

Research Area

Electrical Machine: Electro-mechanical Performance of Electrical Machine, Thermal Behavior (Losses and Heat Transfer) in Electrical Machine, Vibration in Electrical Machine, Optimization of Topology in Electrical Machine, Electrification of Applications, Machine Fault Diagnosis.

Postgraduate Supervision

No.	Name	Level	Title	Status
1.	Abbas Abd Wahab	M.Sc.	Small DC Motor Wear and Fatigue Monitoring via Thermal Assessment	Ongoing

2.	Nurul Fatimah Abdullah	M.Sc.	Thermal Modeling of Small DC Motor for High Ambient Temperature Application	Ongoing

Research Project / Grant

Project Leader

1. Development of Steer By Wire for Automotive Application, RDU180315, Apr 2018 – Mac 2020 (RM 31,000)

2. Development of Automated Mackintosh Test Equipment, UIC180701, Apr 2018 – Oct 2018 (RM 43,700)

3. Thermal behavior studies of electrical machine for steer-by-wire automotive application, RDU160397, June 2016 – June 2018 (RM 34,300)

4. Multi-Physical Studies of Electrical Machine: Consideration of Constraints in Different Applications, RDU 16116, June 2016 – Dec 2017 (RM 5,500)

Project Member

1. Analysis of Force Monitoring and Control for the Application of Micro-Sheet-Forming Machine, RDU180312, Apr 2018 – Apr 2020 (RM 33,000)

2. Improvement of the Maneuverability of Electric Vehicle with Four In-Wheel Motors and Mecanum Wheels, RDU1703217, June 2017 – June 2019 (RM 22,000)

3. Development of Portable Chassis Dynamometer for Battery Powered Motorcycle, RDU1603111, June 2016 – June 2018 (RM 31,050)

4. Portable Synthetic Rubber Sludge Waste Dewatering Machine and Solar Dryer, UIC160704, Aug 2016 – May 2017 (RM 42, 571)

Publication

1. Fast electro-mechanical performance evaluation tool for synchronous reluctance machine
   Author: MAH Rasid, Khadija Benkara, Vincent Lanfranchi
   Journal: International Journal of Precision Engineering and Manufacturing (Q2 ISI IF:)
   Issue: 11, Vol. 18, pages 1567 – 1573
   Year: 2017
   Publisher: Springer
2. Determination of Thermal Contact Resistances for Small TENV Electrical Machine
   Author: Olfa Meksi, M. A. H. Rasid, Alejandro Ospina, Vincent Lanfranchi
   Journal: Sensors & Transducers (Scopus)
   Issue: Vol. 198, Issue 3, Pages 44
   Year: 2016
   Publisher: IFSA Publishing, SL
3. A thermal study on small synchronous reluctance machine in automotive cycle
   Author: MAH Rasid, A Ospina, K El Kadri Benkara, V Lanfranchi
   Proceedings: Industrial Electronics (ISIE), 2016 IEEE 25th International Symposium on
   Year: 2016
   Publisher: IEEE
4. Contribution to multi-physical studies of small synchronous-reluctance machine for automotive equipment

Author : M. A. H. Rasid
Ph.D Dissertation
Year: 2016

5. Experimental investigation of contact resistances for small TENV electrical machine
   Authors: O. Meksi, M.A.H. Rasid, A. Ospina, V. Lanfranchi
   Proceedings: XVII International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering (ISEF 2015)
   Year: 2015
6. Thermal model of stator slot for small synchronous reluctance machine
   Authors: M. A. H Rasid, Alejandro Ospina, K El Kadri Benkara, Vincent Lanfranchi
   Proceedings: Electrical Machines (ICEM), 2014 International Conference on
   Year: 2014
   Publisher: IEEE
7. Simple lumped parameter thermal model with practical experimental fitting method for synchronous reluctance machine
   Authors: M. A. H Rasid, V Lanfranchi, K El Kadri Benkara, LA Ospina Vargas
   Proceedings: Power Electronics and Applications (EPE), 2013 15th European Conference on
   Year: 2013
   Publisher: IEEE
8. Détermination rapide d'un modèle thermique de machine à synchro réluctance
   Author: M. A. H. Rasid
   Journal : La Revue 3EI
   Volume : Issue 74, pages 67
   Publisher : SEE (Société de l'Electricité, de l'Electronique et TIC)

Journal Reviewer

1. Trans on Energy Conversion, IEEE, ISSN: 08858969, (ISI IF: 3.767)

2. International Journal of Automotive and Mechanical Engineering (IJAME), UMP, ISSN: 2229-8649, (SJR IF: 0.576)

3. Journal of Mechanical Engineering and Sciences (JMES), UMP, ISSN: 2289-4659, (SJR IF: 0.45)

4. Advances in Mechanical Engineering, SAGE, ISSN: 16878132, (SJR IF: 0.272)

Teaching Experience

Sem 2 2017/2018

1. BMM2433 - Electrical & Electronic Technology
2. BHA1413 – Electrical & Electronic Technology

Sem 1 2017/2018

1. BMM3613 - Automatic Control
2. BHA3413 - Fundamentals Electrical Engineering 2

Sem 2 2016/2017

1. BMM2433 - Electrical & Electronic Technology
2. BHA3323 - Automatic Control

Sem 1 2016/2017

1. MME6133 - Numerical Method
2. BMM3613 - Automatic Control

3. BMM2433 - Electrical & Electronic Technology

Sem 1 2012/2013, 2013/2014, 2014/2015

1. SY03 - Introduction aux Systèmes d'Entraînements Electriques

Consultation

Nil

Patent

Nil

Awards

1. Ministry of Higher Education Scholarship, PhD at Université de Technologie de Compiègne, France (2013-2016)

2. Public Service Department Scholarship, Diplôme d'Ingénieure & DUT, France (2004-2011)

Training / Courses Attended

1. SPECTRA QUEST Machine Condition Monitoring and Diagnostics Using Vibration Analysis with Emphasis on Signal Processing, Kuala Lumpur, Malaysia – April 2018

2. KEYSIGHT Power Electronics Instrumentation Workshop, Pekan, Malaysia – July 2016

3. ALTERA FPGA Workshop, Coordination Nationale pour la Formation en Micro Electronique et en Nanotechnologies (CNFM), Montpellier, France – July 2012