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PROFESSIONAL PROFILE

A dedicated academician with a background in Material Engineering. Experienced in working with students from First year to Final year, teaching Subjects related to Material Engineering scope and handling practical (Hand-on) related to manufacturing application and Material Engineering. Area of interest for research is Cold spray process for corrosion treatment focusing to Aero structure part, Dimensional restoration, tooling repair for Aero structure part. Possesses excellent interpersonal, communication and negotiation skills and the ability to develop and maintain mutually beneficial internal and external relationships. Work well in any highly pressurised and challenging working environments.

CAREER SUMMARY

**Sept, 2012-Dec 2012 UNIVERSITI TEKNIKAL MALAYSIA MELAKA, (UTeM)
Faculty of Engineering Technology, Lecturer**

- Teaching subject BTPU 2133: Engineering Material for 1st semester, 2012-2013, Second year Student.
- Teaching subject Manufacturing Practise: welding lab, BTPU 1313 for 1st semester, 2012-2013, first year student.

August 2011-Sept 2012

- One (1) year industrial attachment at CTRM Aviation Sdn.Bhd.

**Dec, 2009-July 2011 UNIVERSITI TEKNIKAL MALAYSIA MELAKA, (UTeM)
Faculty Manufacturing Engineering, Teaching Engineer**

- Coordinator for DMFD 2853 (Mechanics of Materials) for 2nd semester of 2010/2011.
- Teaching BMFG 2912 (Engineering Practise) for internal industrial training for 3 Semester of 2010/2011
- Teaching BMFG 2331 (Manufacturing Lab II) for 2nd semester of 2010/2011.
- Co-supervisor Final Year Project for Student of Material Engineering, semester 2010/2011.
- Coordinator for DMFD 3253 (Material Engineering) for 1st semester of 2010/2011.
- Teaching BMFB 4291 (Materials Lab) consisting of NDT labs, semiconductor lab, Corrosion lab and Ceramic lab for 1st semester of 2010/2011, final year student.
- Teaching Mechanics of Machine for 2nd semester of 2009/2010.
- Committee for International Conference Design & Concurrent Engineering 2010 (iDECON 2010)
- Head of Registration committee for Malaysia University Conference Engineering Technology 2010 (MUCET 2010)
- Committee for development Faculty of Engineering Technology, (FTK).

**May 2006–July 2009 UNIVERSITY TECHNOLOGY MARA (UiTM),
Ceramic Technology Lecturer, UiTM Shah Alam, Selangor.**

- Responsible for teaching SER 619 (Material studies 2) and THE 669 (Thesis) for Final year student.
- Responsible for teaching SER 559 (Material Studies 1), SER 514 (Kiln & Firing) and SER558 (Quality Assurance) for 3rd year student
- Responsible for teaching SER 211 (Introduction to Ceramic Science) for 1st year student.
- Responsible for teaching PRT 118 (Printing Technology) for Printing Technology Department.
- Internal Auditor for faculty.
- Committee for Program Anugerah Kualiti Perdana Menteri 2008.
- Committee for Curriculum Development for Ceramic Department.

- Secretary for Exam Committee.
- Moderator for Final Project Diploma.
- Panel Interview for STPM holder for First year candidate.
- Panel Interview for SPM holder for First year and Diploma candidate.
- Committee for Program “Jom Masuk U: Selangkah ke UiTM” and “Hari bertemu Pelanggan”.

EDUCATION AND QUALIFICATION

Master of Science	Materials Engineering	Universiti Sains Malaysia, USM
Bachelor's Degree	Materials Engineering (Hons)	Universiti Sains Malaysia, USM
SPM	1st Grade (8 Agregat)	MRSM Kem Terendak, Melaka

PROFESSIONAL MEMBERSHIPS

- The American Ceramic Society – Individual Member
- Graduate of The Institution of Engineers, Malaysia (Membership No:43143)
- Lembaga Jurutera Malaysia- Jurutera Siswazah (Membership No: 65736A)
- Membership of International association of computer science and information technology, ICASIT (Membership no: 803456860)
- Persatuan Taekwondo Malaysia (Reg.No: PK 45023)

RESEARCH AND PUBLICATION

- *Supersonic particle deposition as potential corrosion treatment method for helicopter part in Malaysia*, **O.Nooririnah**, A.Rohana, H.N.Nazrul and M.Suhana, International Journal of Advanced Research In Engineering & Technology, IJARET, Volume 3, Issue 2 (July-December 2012).ISSN 09766480, **Impact Factor 2.7078** calculated by ISI.
- **O.Nooririnah**, A.Azizan, *TEM Analysis for Nanosized Precipitated Calcium Carbonte*, AIP (America Institute of Physic) Conference Proceeding, ISSN 21583226, Volume 1136, Publish 2009. (**ISI-Cited publication, Q4**)

- A .R.Jeefferie, A.R.Toibah, M.Y.Yuhazri, **O.Noorirnah**, M.M.Haidir, Haeryip Sihombing, J.Ramli , *FTIR study on phase behavior of Magnesium- Doped Biphasic Calcium phosphate Synthesized via sol-gel*, AIP (America Institute of Physic) Conference Proceeding, ISSN 21583226, Volume 1455, Publish 2011. (**ISI-Cited publication, Q4**)
- A.R.Jeefferie, A.R.Toibah, M.Y.Yuhazri, A.R.M,Warikh, **O.Noorirnah**, M.M.Haidir, Haeryip Sihombing, J.Ramli, *Tensile and Impact Properties Evaluation for Enviro- Recycled Wood Plastic Composite of PP/R-WF*, International Journal of Applied Mechanics and Materials Vols.52-54 (2011) ISSN 1660-9336 pp 20822087 (**Scopus**)
- M.Y.Yuhazri , A.R.Jeefferie, A.R.Toibah, , A.R.M,Warikh, **O.Noorirnah**, M.M.Haidir, Haeryip Sihombing, J.Ramli, *Coating Effect Condition on the Corrosion Properties of Mild Steel Substrate*, International Journal of Applied Science and Technology ISSN 2221-1004, Vol.1, No.1; March 2011 (**Non-ISI/Non-SCOPUS Cited Publication**)
- M.Y.Yuhazri, A .R.Jeefferie, A.R.Toibah, **O.Noorirnah**, A.R.M,Warikh, , M.M.Haidir, Haeryip Sihombing, J.Ramli, *Thermomechanical and morphological interrelationship of Polypropylene-multiwalled carbon nanotubes ((PP/MWCNTs) nanocomposites)*, International Journal of Basic & Applied Sciences IJBAS/IJENS ISSN:2077-1223 (**Non-ISI/Non-SCOPUS Cited Publication**)
- A .R.Jeefferie, A.R.Toibah, M.Y.Yuhazri, A.R.M,Warikh, M.M.Haidir, **O.Noorirnah**, Haeryip Sihombing, *Mechanical Properties and Surface Morphological Evaluation of Polypropylene- multiwalled Carbon Nanotubes (PP/MWCNTs) Nanocomposites*, iDecon2010- International Conference Design and Concurrent Engineering, September 20-21,2010. (**Proceeding**)
- **O.Noorirnah** A .R.Jeefferie, A.R.Toibah, M.Y.Yuhazri, M.M.Haidir, Haeryip Sihombing, *Effect of CO₂ flow rate and calcinations temperature on the Synthesis Nanosized Precipitated Calcium Carbonate*, 2nd Asean-APCTP Workshop on Advanced Materials Science and Nanotechnology(AMSN 2010), December 21-23,2010. (**Proceeding**)

PROFESSIONAL DEVELOPMENT

- English for Effective Teaching
- Kursus Audit Dalam ISO 9001:2000
- Bengkel Outcome Base Education
- Kursus Asas Pengajaran (KAP)
- Statistical Package for the Social Sciences (SPSS)
- Bengkel “Hands on” Sofwer EndNote

IT SKILLS

- Word, Excel, PowerPoint and Email
- Excel 2007 (Basic &Intermediate)
- Excel 2007 (Advanced)
- Microsoft Word 2010 (Advanced)

PERSONAL DETAILS

Interests Travelling and snorkeling

REFERENCES

Name : Puan Rohana binti Abdullah

Telephone: +06-2346512

E-mail : Rohana_abdullah@utem.edu.my

Position: Deputy Dean (Research & Innovation)

Company: Faculty of Engineering Technology (FTK), UTeM

Name : Engr. Zolkarnain bin Marjom

Telephone: +06-2346523

Email : Zolkarnain@utem.edu.my

Position: Head of Department (Manufacturing Engineering Technology)

Company: Faculty of Engineering Technology (FTK), UTeM.