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EDUCATION

- | | | |
|--|--------------------------------------|-----------|
| • Doctor of Philosophy (Science) | Universiti Teknologi MARA, Shah Alam | June 2008 |
| • Master of Science in Textile Engineering | University of Leeds, UK | Oct. 2000 |
| • Bachelor of Science in Textile Engineering | Philadelphia University, USA | Dec. 1995 |
| • Diploma in Textile Technology | Institut Teknologi MARA, Shah Alam | May 1993 |

ADMINISTRATION/WORK EXPERIENCES

UiTM:

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|---|---------------------------------|---------------------|
| • Deputy Dean (Academic Affairs) | FSG, Shah Alam | Jan 2019 – current |
| • Head, School of Industrial Technology | FSG, Shah Alam | Aug 2016 – Dec 2018 |
| • Deputy Dean (Research & Industry) | FSG, Shah Alam | Jan 2011 – Nov 2014 |
| • Coordinator, Student Intake | FSG, Shah Alam | Jun 2010 – Dec 2010 |
| • Coordinator for Postgraduate Studies | UiTM International Center (UIC) | Apr 2008 – Nov 2009 |

ITM:

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|----------------------|----------------|---------------------|
| • Part-Time Tutor | FSG, Shah Alam | Jun 1996 – May 1999 |
| • Research Assistant | FSG, Shah Alam | Jul 1993 – Nov 1993 |

INDUSTRY:

- | | | |
|---|-------------------------------------|---------------------|
| • Production Planning & Control Executive | Paragon Carpetmaker Sdn Bhd, Cheras | Apr 1996 – Sep 1999 |
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OTHERS:

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| • Part-Time Lecturer | Universiti Tun Hussein Onn (UTHM) Batu Pahat, Johor | Nov 2000 – Nov 2001 |
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PROFESSIONAL AFFILIATIONS

- Head, Textile Research Group, UiTM
- Professional Technologists, Malaysia Board of Technologists (MBOT)
- Member, The Textile Institute, Manchester, UK
- Member, Institute of Materials Malaysia (IMM)
- Deputy Chairman, Industry Standards Committee on Textiles and Apparel (ISC Q), SIRIM Berhad,
- Expert Panel, Technical Committee (TC) on Technical Textiles, SIRIM Berhad
- Certified Open Water Diver (PADI)

MAIN RESEARCH THEMES

Technical Textiles

- Mechanics of Textile Materials
- Nanofibres via Electrospinning
- Technical Yarn Development

Natural Dyes

- Extraction from Natural Resources

RESEARCH GRANTS

- No. of Projects (Ongoing) : 9 projects
- No. of Projects (Completed) : 38 projects
- Total Grant Value : RM2,900,358
- As Project Leader : 15 projects
- As Project Member : 33 projects
- Google H-Index - 7

COMMERCIALISED RESEARCH PRODUCT

Songket Structures using Jacquard Technology with Ara-Borgstena Sdn. Bhd., licensing of technology with yearly fee and royalty based on sales.

RESEARCH OUTPUT

- Publications (journals) : 40
- Proceedings : 32
- Presentations in Conferences : 13
- No. of Patents Granted : 4
- No. of Patents Filed : 1
- Medals in Exhibitions : 22 / 7
(UiTM, National/International)
- PhD Students (Ongoing) : 3
- PhD (Graduated) : 3
- MSc Students (Ongoing) : 10
- MSc (Graduated) : 7
- BSc. FYP - Ongoing : 4
- BSc. FYP - Completed : 45

SCHOLARLY ACTIVITIES

- Internal Examiner – 9 MSc candidates, UiTM
- External Examiner - 6 PhD candidates (RMIT, Australia; University of Madras, India; Ghent University, Belgium)
- Editorial works:
 - Chief Editor – International Journal of Textile Science, Trends in Textile Engineering & Fashion Technology
 - Editorial Board Member –International Journal of Fashion Technology & Textile Engineering; Journal of Textile Science & Fashion Technology; Current Trends in Fashion Technology & Textile Eng.
- External Examiner – B.(Hons) Mechanical Engineering Technology (Industrial Textiles), UTHM, Johor
- Conferences – Chairman for ICTEFAD2014, ICASIT2015 & TTSA SEMINAR 2018
- Judge, ITEX2013 – ITEX2019, KLCC, Kuala Lumpur & iidex 2013-2019 UiTM, DATC, UiTM Shah Alam
- UiTM MYRA Audit Committee, Ministry of Education Malaysia, 2017 - 2019
- KPM Grant Evaluation Panel, Ministry of Education Malaysia, 2018 - 2020

HONOURS/AWARDS

- Finalist, Anugerah Inovasi Negara 2017 (Product), Songket Structures with Jacquard Technology, National Innovation and Creative Economy Expo (NICE 2017), TPM, Bukit Jalil, Kuala Lumpur
- Gold Award, UiTM Most Active Research Proposal Evaluator (Science & Technology), Jan 2017
- UiTM Award for Innovation & Product Commercialisation, March 2017
- Faculty Best Researcher Award 2016
- Student's Choice Best Lecturer Award for 2016, 2017, & 2018, Hari Pendidik FSG 2016-2018
- UiTM Excellence Service Award, Year 2003, 2008 and 2013
- Faculty Young Researcher Award 2004
- Faculty Best Lecturer Award 2003, December 2003
- A recipient of UiTM Staff Scholarship Award (2004-2007)
- A recipient of UiTM Young Lecturer Scheme Scholarship, (1999-2000)
- A recipient of MARA Student Scholarship (1994-1995)
- Graduated with 'Cum Laude' from Philadelphia University, Dec. 1995
- Awarded for 'Best Student of Textile Technology Program 1993', October 1993, ITM

CONSULTANCY WORK & RESEARCH COLLABORATIONS WITH INDUSTRY

Consultancy work – 26 projects (short courses/lectures/testing services)

- Pusat Penyelidikan Kebombaan, Jabatan Bomba & Penyelamat Malaysia
- STRIDE, Technical and Evaluation Branch, Ministry of Defense Malaysia
- Malaysian Knitting Manufacturers Association (MKMA)
- Malaysian Textile & Apparel Center (MATAC)
- Forensics Department, Royal Malaysia Police
- Akademi Kastam DiRaja Malaysia (AKMAL)
- Tentera Laut DiRaja Malaysia
- Jabatan Kimia Malaysia
- Institut Kraf Negara (IKN), Rawang
- MAPA Gloves Sdn. Bhd
- Maple Autostyling Sdn Bhd.
- Sime Darby Research Sdn Bhd.
- Airaz Technologies Sdn. Bhd.
- SK Apparels Sdn. Bhd.
- Sri Jentayu Sdn. Bhd.
- Ara-Borgstena Sdn Bhd.
- Nordin Technologies Sdn. Bhd.
- Recron (Malaysia) Sdn. Bhd.

IMAGINE THE WORLD WITHOUT TEXTILES