
Curriculum Vitae



Ts. Dr Mohamad Faizul Yahya CText ATI
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Research Focus

- Engineering & Modeling Structural Mechanics of 2D/3D Woven Dry Fabrics & Composites
- Development of Smart Textile Stretch Sensor with Reduced Graphene Oxide (RGO)

Professional Members

- Chartered Associate of Textile Institute (CText. ATI), Manchester, UK., 2005
- Textile Institute member since 2003
- Vice President & Member of Malaysian Doctorate Association (MDA), 2016
- Professional Technologist (P.Tech.), Malaysian Board of Technologists (MBOT), 2017

Education

- PhD Science in Finite Element Analysis of Woven Structures, UiTM, 2013
- MSc Distinction, Textile Engineering, University of Leeds, UK, 2002
- BSc Cum Laude in Textile Technology, Philadelphia University (formerly known as Philadelphia College of Textiles & Science), USA, 1997
- Diploma in Textile Technology, ITM, 1994

Experiences

- Associate Professor in Textile Technology, Faculty of Applied Sciences, UiTM, since 2018
- Senior Lecturer in Textile Technology, 2008-2018
- Lecturer in Textile Technology, 2002-2008
- Production Manager, Ara Borgstena Sdn. Bhd. 1999-2001
- Production Engineer, Ara Borgstena Sdn. Bhd. 1997-1999
- Assistant Engineer, Hualon Corp (M) Bhd. 1994-1995

Lectures

- TXL 662: Production Planning & Control
- TXL 635: Textile & Apparel Costing
- TXL 560/574: Woven Structures & Properties II
- TXL 559: Advanced Knitting Structures
- TXL 515: Advanced Yarn Technology
- TXL 472: Weaving Technology
- TXL 431: Woven Fabric Structures

**Industry ,
National
Committees &
NGO
Engagements**

Industry

- Executive Official Council Member of Malaysian Textile Manufacturers Association, October 2017 - September 2019
- National Steering Committee on Technical & Smart Textiles with Malaysia Textile Apparel Centre (MATAC), Oct. 2017-Sep2018

National Committees

- Chairman, Weaving Technology Working Group (WG) on Weaving Technology, SIRIM Berhad, November 2017 - October 2018
- Deputy Chairman of Malaysian Doctorate Association (MDA), November 2016 - October 2021
- Member, Industry Standard Committee on Textiles & Apparel (ISC Q), SIRIM, 2017

NGO

- Chairman of Collaris Community Bukit Bandaraya, Section U11, Shah Alam , Mac 2019- April 2021

**Research
Engagement**

- Research member, "Antenna Research Group", Faculty of Electrical Engineering, 2016
- Malaysian Technical Textile Database, Malaysian Apparel & Textiles Centre (MATAC), 2017-2019
- Research member, "Soil - Structure Interaction" Research Interests Group, Faculty of Civil Engineering, UiTM 2015-2017
- Research collaborator, NED University of Engineering & Technology, Pakistan
- Research member, "Developing Biobased Advanced Technical Textiles", MOU FSG-Sri Jentayu

**Supervision of
Postgraduate
Thesis**

Current PhD Students

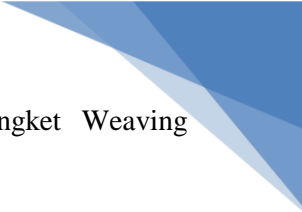
1. 2019-2022, PhD (Science), Nasrun Faris Zulkifli, 3D Woven Fabrics
2. 2018-2021, PhD (Mechanical Engineering), Zurina Ahmad, Modeling 3D Ballistic Fabrics
3. 2017-2020, PhD, Norsyahirah Izzati bt Zaidi, Textile Antenna, Faculty of Electrical Engineering.

Current MSc Students

4. 2018-2020, MSc, Aisyah Saironi, Smart Textile Sensors
5. 2017-2019, MSc, Nurul Amirah, Impact Properties of Woven Fabrics
6. 2017-2019, MSc, Nurul Khabira, Electro Shielding Properties of Woven Fabrics
7. 2014-2019, MSc, Aiman Danial Pawan Chik, Impact Performance of 3D Angle Interlock Woven Fabric

Graduated Students

1. 2014-2018, PhD, Ali Ashgar, Effect of Conductive Filament Alignment on the Electromagnetic Shielding, Electrical Resistance and Mechanical Properties of Woven Conductive Fabrics, Faculty of Applied Sciences
2. 2014-2017, MSc, Nasrun Faris , Tensile Strength of Angle Interlock Woven Fabric
3. 2014-2016, MSc , Nadhirah Binti Amran , The Comfort Properties of Bamboo Fabric

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4. 2013-2016, MSc, Engku Liyana Engku Suhaimi, Songket Weaving Technology

Private Grants

1. Technical Textile Database, Malaysian Apparel Textile Centre, 2017-2019

Research Grants - Principal Researcher

1. Modeling Helixal Behaviour of High Tenacity Weave Angles, Research Entity Initiatives (REI) Grant, Institute of Research Management (IRMI), UiTM. Grant timeframe 2018-2020
2. Crimp Interchange Phase 3D Angle Interlock Woven Fabrics Composites Uniaxial Failure Mechanics, FRGS, Ministry of Higher Education, Malaysia, RM 98,000. Completed 2014- 2016
3. Modeling Textile Structures and Performance , Fundamental Research Grant Scheme (FRGS), Ministry of Higher Education, Malaysia, RM 98,000. Completed July 2011- June 2013
4. Fiber reinforced composites, Institute of Research, Development and Commercialization (IRDC) , grant RM20,000. Completed 2006
5. Developing a Sensor for Fabric Thermal Measurement , Institute of Research, Development and Commercialization (IRDC) grant , RM20,000. Completed 2005.
6. Mechanical Properties of Automotive Textiles, Institute of Research, Development and Commercialization (IRDC), grant RM20,000. Completed 2002

Research Grants – Research Member

1. Thermophysiological Performance of Hijab Fabrics, FRGS 2018-2020.
2. Multiaxial Failure Mechanics Dimension Analysis of Tenun Pahang, FRGS, 2013-2016
3. Development of Smart Knitted Fabrics from Shape Memory Alloy Core-Sheath Friction Spun Yarns, 2013-2015
4. Member, Determination of Tensile & Friction Properties of High Performance Latex-Coated Single Yarns, Sciencefund, 2012-2014
5. Cyclic Loading Power Stretch Woven Seam Failure Mechanics , FRGS Fund, 2012-2014
6. Structural Parameters and Properties of Kenaf/Cotton Blended Spun Yarns Produced via Rotor Spinning, Sciencefund, 2012-2014
7. Tensile and Friction Properties of Latex Coated Yarns, Research Cluster Fund, Start funding Aug 2012 - July 2014
8. Structural Modification of Polymeric Electrospun/Microporous Zeolite Membrane, Fundamental Research Grant Scheme (FRGS), Start funding July 2011 – 30 June 2013
9. Flexible Composite Soft Body Armour , Intensification Research Prioritize Area (IRPA) grant, Ministry of Science, Malaysia, RM 170,000. Completed. 2007
10. Wastes as Composite Material , BRC UiTM RM20,000. Completed. 2004
11. The application of Kenaf for Composites, BRC grant RM20,000. Completed. 2004
12. Improving Songket Quality and Productivity using Jacquard Technology, Intensification Research Prioritize Area (IRPA) grant, Ministry of Science, Malaysia, RM 160,000. Completed. 2004.
13. Flexible Composite Soft Body Armour , Intensification Research Prioritize Area (IRPA) grant, Ministry of Science, Malaysia, RM 170,000. Completed.2004
14. Determination of Yarn Abrasion Properties, BRC grant RM20,000. Completed. 2002

Supervision of Undergraduate Final year Projects

Semester	Student Name	Project Title
September 2017 – Mac 2018	NurBaiti Ayuni Che Mansor	Yarn made of Banana Extracted Fibers
September 2016 to Mac 2017	Nur Ain	Production of Pineapple monofilament fiber with Ammonium Phosphate as Retting
September 2016 to Mac 2017	Faezah Ramli	Wicking Properties of Bamboo Wool Woven Twill Fabrics
September 2017 – Mac 2018	NurBaiti Ayuni Che Mansor	Yarn made of Banana Extracted Fibers
September 2016 to Mac 2017	Asyikin Ieslah	Wicking Properties of Merino Wool Woven Twill Fabrics
September 2016 to Mac 2017	Nur Faradina Misnan	Production of Pineapple monofilament fiber
Sep 2016-Mac 2017	Najwa Ismail	3D Woven Fabric Impact Performance
Sep 2014- Jun 2015	Muhammad Suhairi Sulaiman Nur Azzah Bt. Che Ali	Thermal Conductivity Level in Clo Value for 100% Cotton and 100% Polyester Woven Fabric
Sep 2014- Jun 2015	NurHusna Bt Rozali Fatin Nabilah Bt. Zuhadi	Flexural Modulus Analysis of Kenaf Woven Fabric Composites
Sep 2014- Jun 2015	Julayka Bt Jamil Nor Adila Bt. Zakaria	The Effect of Machine Parameters on Electrospinning of Nanofibers Membranes
Sep 2014- Jun 2015	Aziah Hani Bt Awang Nurul Fazilah Bt. Zul Azman	The Development of Kenaf Fabric for Acoustic Performance
Mac 2014 - Jan 2015	Mohamad Redzuan Azman	Thermal Conductivity Level in Clo Value of Male School White Shirt
Mac 2014 - Jan 2015	Iffa Athirah Mustapha	Effect of Different Weft Density & Draw-In Plan on Pilling Performance
Sep 2013 - Jun 2014	Muhammad Fauzan Muhammad	Development and analysis of honeycomb, circular and triangular insertion tubes for multilayer woven fabric composites
Sep 2013 - Jun 2014	Alby Massaudi	The development of yarn and weaving manufacturing costing software with C++ programming language
Sep 2014 - Jun 2014	Nur Hafiza Hadri	The Effect of Increasing Weft Density to Woven Fabric Mechanical Properties
2012	Nor Adniee Mohammad Asri	The Effect Of Woven Parameters On Air Permeability, Tensile Strength And Snag Resistance
2012	Nor Anisa Jeffridin	The Correlation Of Abrasion Resistance, Fabric Friction And Tensile Strength Performance Of Woven Fabric
2007	Atiyyah Musa	Friction Analyses of Woven Fabrics
2007	Che Zulaiha Che Wail	Abrasion and Tensile Analyses of Weft Knitted Fabrics for Car Seat Fabrics
2006	Nurhafizah Edy Muslim	Thermal Coefficient Of Automotive Textile Knitted Fabric By Conduction Analysis
2006	Noor Hasyimah Zakaria	Friction Analysis of Automotive Knitted Fabrics

2005	Wan Norihan Wan Moh. Noor	Cement Foam Composite Reinforced by Textile Waste
2003	Haeruddin Hamzah	Abrasion and Tensile Analyses of Coated for Car Seat Fabrics

Publications

A. Refereed Journals

Publication Title	Publication Type	Year
N. Zahari, M.R. Ahmad, M.F. Yahya, A.M. Che Muhamed, R. Yahaya (2018). <u>Thermophysiological Comfort Properties of Ripstop Fabrics for Enforcement Personnel Clothing</u> . International Journal of Engineering & Technology, 7 No. 4.18, pp. 196-199.	Scopus Indexed, Co-Author	2018
Yahya, M.F, Ghani, S.A and Zahid, B. (2018). <u>Uniaxial Tensile Simulation of 3D Orthogonal Woven Fabric</u> . International Journal of Engineering & Technology, 7 No. 3.15, pp. 197-200.	Scopus Indexed - Corresponding Author	2018
Asghar, A., Ahmad, M. R., Yahya, M. F., Hassan, S. Z. U., & Kashif, M. (2018). <u>Characterization based on the thermal capabilities of metallized fabrics equipped with hybrid conductive yarns for protective clothing</u> . Journal of the Textile Institute. Vo. 109 Issue 11, pp. 1434-1444.	Scopus Indexed, Co-Author, Q1 Journal	2018
Ashgar,A., Ahmad M.R., Yahya, M.F. et al. (2018). <u>An alternative approach to design conductive hybrid cover yarns for efficient electromagnetic shielding fabrics</u> , Journal of Industrial Textiles. Vol. 48, 1:pp. 38-57, First Published (online) July 2017. Q1 IF. 1.283	Scopus Indexed, Co-Author, Q1 Journal	2018
Nasrun, F. M. Z.; and Yahya, M.F. (2018). <u>3D Angle Interlock Woven Fabric Mechanical Tensile Strength Based on Various Fabric Weft Densities</u> , Journal of Mechanical Engineering, Vol S1 5(1), pp. 92-103	Scopus Indexed - Corresponding Author	2018
Effect of impactor shapes and yarn frictional effects on plain woven fabric puncture simulation, Textile Research Journal, 2014. Impact factor 1.599, ranks 3/22 in Materials Science, Textiles.	High Impact Scopus Indexed- Main Author. Impact Factor 1.599 (Q1)	2014
Hyperelastic and elastic-plastic approaches for modelling uniaxial tensile performance of woven fabrics, Scientific Research Journal, 7 (2). pp. 31-55. ISSN 1675-7009	My Cite - IRMI UiTM - Corresponding Author	2010
Physical and mechanical properties of Tenun Pahang fabrics using alternative yarns, Scientific Research Journal, 13 (2). pp. 68-83. ISSN 1675-7009	My Cite - IRMI UiTM - Senior Author	2016
Ballistic impact resistance of flexible composites , Journal of Sustainability Science & Management, vol.1 ,2007, 67-70	Scopus Index - Senior Author	2007
Tensile and Flexural Properties of Composites Made from Spinning Waste, Ecotextiles: The Way Forward for Sustainable Development in Textiles, January 2007, Pages 136-144.	Scopus Index - Senior Author	2007
Some Properties of Kenaf and Kenaf Combined Waste Composites,” Ecotext. W. Forw. Sustain. Dev. Text., no. December 2007, pp. 128–135, 2007	Scopus Index - Senior Author	2007

Effects of metal filament's alignment on tensile and electrical properties of conductive hybrid cover yarns. Fashion and Textiles, 2016. 3(1): p. 3.	Scopus Indexed, ISI Thompson (Emerging Sources Citation Index)	2016
Seam Puckering: Analysis and Modeling with Structural Equation Modeling, Advanced Materials Research, Vol. 812, 2013, pp 157-162. Scopus Indexed.	Scopus Indexed - Corresponding Author. Journal H-index 25	2013

Publications

B. Refereed Indexed International Proceeding

Publication Title	Publication Type	Year
Impact properties of 2D and 3D woven composites: A review. American Institute of Physics, 2016. 1774(1).	Scopus Indexed - Corresponding Author. H-index 47	2016
Effect of weft density and yarn crimps towards tensile strength of 3D angle interlock woven fabric. American Insitute of Physics, 2016. 1774(1)	Scopus Indexed - Corresponding Author . H-Index 47	2016
Modelling Yarn Frictions with Validated Uniaxial-Puncture Plain 1/1 Woven Fabric Models, 2012 IEEE International Symposium on Bussiness, Engineering and Industrial Applications (ISBEIA)	Scopus / IEEE Indexed - Main Author	2012
Finite Element Analysis of Impactor Shapes Effects on Puncture Damage of Plain Woven Fabric, 2012 IEEE Colloquium on Humanities, Science and Engineering (CHUSER2012)	Scopus / IEEE Indexed - Main Author	2012
Uniaxial failure resistance of square-isotropic 3D woven fabric modelled with finite element analysis, 2011 IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA), 2011, pp. 16-21.	Scopus / IEEE Indexed - Main Author	2011
Modeling Plain Woven Composite Model with Isotropic Behavior, 2014 International Colloquium on Textile Engineering, Fashion, Apparel and Design (ICTEFAD 2014), ISBN : 978-981-287-010-0, pg. 19-24	Ebook, Springer/ISI Thomson Reuters Indexed	2014
Fabric Mechanical Properties: Human Versus Machine Interpretation, 2014 International Colloquium on Textile Engineering, Fashion, Apparel and Design (ICTEFAD 2014), ISBN : 978-981-287-010-0, pg. 53-56	Ebook, Springer/ISI Thomson Reuters Indexed	2014
The Performance of Tenun Pahang Using Various Weft Yarn, 2014 International Colloquium on Textile Engineering, Fashion, Apparel and Design (ICTEFAD 2014), ISBN : 978-981-287-010-0, pg. 978-981	Ebook, Springer/ISI Thomson Reuters Indexed	2014
Tensile Strength and Evenness of Kenaf/Polyester Blended Rotor-Spun Yarn , 2014 International Colloquium on Textile Engineering, Fashion, Apparel and Design (ICTEFAD 2014), ISBN : 978-981-287-010-0, pg. 53-56	Ebook, Springer/ISI Thomson Reuters Indexed	2014

Structural Equation Modeling of Seam Failure Analysis, 2012 IEEE International Symposium on Bussiness, Engineering and Industrial Applications (CHUSER), pg. 735-738	Scopus / IEEE Indexed	2012
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Publications

C. Editor, Magazines and Conference Proceedings

Publication Title	Publication Type	Year
Factors Affecting Tensile Performance of 2D & 3D Angle Interlock Woven Fabric Composites: A Review, Advanced Materials, Vol. 1134, pp 147-153.	Corresponding Author. Journal H-index 25	2015
Modeling Puncture Impactor Shape Effects on Plain Woven Fabrics, 88 th Textile Insitute World Conference, Shah Alam, Malaysia, 15 th to 17 th May 2013	Textile Institute World Conference Proceedings	2013
Author , "Sut Batman : Fiksyen atau Realiti" , Dewan Kosmik, April 2014	Magazines	2014
Editors, Proceedings of International Colloquium in Textile Engineering, Fashion, Apparel and Design (ICTEFAD2014),	Springer Indexed, E-book,	2014
Some Studies on the Moisture Management Properties of Cotton and Bamboo Yarn Knitted Fabrics, Advanced Materials Research, Vol. 1134,2015, pp 225-230.	Corresponding Author. Journal H-index 25	2015
Thermal Conductivity of Paraffin Wax as Microencapsulated Phase Change Material (PCM) Coated on Polyester Fabrics, Advanced Materials Research, Vol. 1134,2015, pp 160-164	Corresponding Author. Journal H-index 25	2015
Linear density and Surface Morphology of Kenaf Fibres from Different Extraction Methods, Advanced Materials Research, Vol. 1134, 2015, pp 103-108	Corresponding Author. Journal H-index 25	2015
Moisture Management Properties of Untreated and Scoured Cotton and Bamboo Knitted Fabrics, International Journal of Materials Science & Engineering, Proc. of The Fifth Intl. Conf. On Advances in Applied Science and Environmental Engineering	ASEE 2016 , Doi: 10.15224/ 978-1-63248-086-6-08	2016

Paper/ Thesis Proposal Reviewers

Role	Journal / Institution	Level	Article / Thesis Proposal Name	Date
Reviewer	Textile Research Journal	International	Rheological model proposed to describe the stress relaxation of elastic core spun yarns	18 April 2015

Reviewer	Textile Research Journal	International	A study of low-stress mechanical properties of fusible interlinings and woolen fabrics	8 Sep 2015
Reviewer	Textile Research Journal	International	Flexural Performance of RC Beams Strengthened with Polyester FRP	24 Dec 2015
Reviewer	Advances in Materials Science & Engineering	International	Constitutive Investigation on Viscoelasticity of PVB: Experiments based on Dynamic Mechanical Analysis Method	6 Januari 2014
Reviewer Proposal PhD	Advanced Study Research Board, Mehran University of Engineering & Technology, Pakistan	International	Advancement in Conventional 2D Weaving Machine for Manufacturing Textile Composites Preforms	21 Ogos 2014
Reviewer	Journal of Industrial Textiles	International	Effects of Thermal Aging on Kevlar and Nomex Fabrics	26-Nov-13
Reviewer	Journal of Industrial Textiles	International	Surface Modification of Hydrolyzed Polyester with Nano TiO ₂ or Carbon Black Producing Conductive/Photoactive Fabric	5-Nov-13
Reviewer	2014 IEEE Colloquium on Humanities, Science & Engineering (CHUSER 2014)	International	Chromolaena Odorata Ethanolic Extract Inhibits Microbiology Influenced Corrosion of Mild Steel	17-Oct-13
Reviewer	2014 IEEE Colloquium on Humanities, Science & Engineering (CHUSER 2014)	International	The Heart Auscultation, From Sound to Graphical	22-Oct-13

Conferences Roles

Conference Name	Organizers	Roles	Level	Dates
1st NEDITC 2014	NED University, Karachi, Pakistan	Scientific Committee	International	April 2014
2nd NEDITC 2016	NED University, Karachi, Pakistan	Scientific Committee	International	17-18 Feb 2016
3rd NEDITC 2018	NED University, Karachi, Pakistan	Scientific Committee	International	10-12 th Feb 2018

ICASIT 2015	Fakulti Sains Gunaan, UiTM Shah Alam	Website & Online Paper Submission Committee	International	24-26 Mac 2015
ICTEFAD 2014	Textile Research Group- FSG UiTM / IEEE	Co- Chair	International	8-9 Mac 2014
88th Textile Institute World Conf. 2012	Textile Technology Program-FSG & The Textile Institute, UK	Website Committee	International	15-17 May 2012

University Services

Date	Position	Committee Name	Roles
Februari 2015- Jan 2017	Committee Member	FMIA Core Main Committee	Managing FMIA website
1 Mac 2014- 29 Feb 2016	Committee Member	Research Entity Member - Textile Research Group	Modeling & Simulation of Textile Structures

Faculty Services

Dates	Position	Committee Names	Roles
Jan 201	Deputy Chairman	2 nd International Conference on Applied Sciences & Industrial Technology (ICASIT18)	Planning and coordinating the conference programs
May 2017- April 2019	Research Coordinator		Planning and coordinating research activity for the faculty
1 Mac 2015- 28 Feb 2017	Chairman	Faculty Website Committee	Development, supervising and maintaining faculty of main website.
1 Feb 2013 - 31 Jan 2015	Chairman	Faculty Website Committee	Development, supervising and maintaining faculty main website.
3 October 2015	Golf Player	Yayasan Budiman Golf Charity Championship	Representing Faculty of Applied Sciences in the Competition
29 April 2015	Competition	Elevator Pitch Competition	Representing Faculty of Applied Sciences in the Competition
18-20 Ogos 2014	Internal Auditee	Audit Self Review Report 2014	Audit 'Resource Person' untuk kursus TXL635
26 Februari 2014	Chairman	ICASIT 2015 Website Committee	Development, supervising and maintaining conference website.
2 November 2015	Committee	Curriculum Review Committee for Teknologi Tekstil Unit, UiTM Negeri Sembilan Campus	'Evaluation of new Diploma program' - Textile Science & Management.

6 Oktober 2011 - 31 Desember 2012	Committee	Bachelor Degree Program Review : Bsc in Textile Technology	Evaluation and Improvement Continuous Program for New Bsc Program
6 Oktober 2011 - 31 Desember 2012	Committee	Program MSc in Engineered Textiles & Management	Evaluation and Improvement Continuous Program for New Postgraduate Program
6-8 Feb 2015	Committee	Faculty Strategik Planning	Faculty of Applied Sciences strategic planning members.
6 April 2011	Committee	Journal Publication	Establishing Faculty Own Research Journal - Science Letters

Student Involvement

Date	Activities	Position	Level	Description
1 November 2013	Textile Student Society	Advisor	Faculty	Student Programs Advisor
29 November 2014	JPP 2014/2015 Election	Advisor	Faculty	Supervising Student Election Program

Service and Academic Awards

Award Names	Year
University Excellence Service Award	2014
University Excellence Service Award	2007
University Excellence Service Award	2005
Recipient of MSc Distinction, University of Leeds, UK	2002
Recipient of Outstanding Upperclassmen in Textile Technology, Philadelphia University, USA,	1997
Awarded Cum Laude in Textile Technology, Philadelphia University, USA	1997
Recipient of "Academic Excellence Award for Malaysia Sponsored Students in USA" by Malaysian Embassy, USA	1997
Recipient of Faculty Contributors Award	2004
Quality Defects Reduction below 0.6%, Ara Borgstena Sdn. Bhd	1994

Total Research Innovation & Invention Medals Won (Local & International)

Medals Won To Date			
Diamond (Special Award)	Gold	Silver	Bronze
1	3	6	6

Details Research Innovation & Invention Medals Won (Local & International)

Year	Medals	Event	Product Names
2017	1 Diamond (Special Award)	Invention, Innovation & Design, UiTM. 24th to 29th September 2017	Electromagneto Textile Shield
2017	1 Gold	Invention, Innovation & Design, UiTM. 24th to 29th September 2017	Electromagneto Textile Shield
2017	1 Gold	Scientific Research Invention & Innovation, Faculty of Applied Sciences , 15th August 2017	Electromagneto Textile Shield
2017	2 Silvers & 2 Bronzes	IID NS , 24th February 2017	1. 3D Woven Impact Composites 2. 3D Woven Tensile Composites 3. Plain Woven Fabric Strength 4. Comfort Fabrics
2016	3 Silvers & 1 Bronze	International Engineering Invention & Innovation Exhibition (i-Envex), UNIMAP, Perlis, April 2016	1. 3D Woven Impact Composites 2. 3D Woven Tensile Composites 3. Plain Woven Fabric Strength 4. Comfort Fabrics
2016	Bronze	IIDEX, UiTM Shah Alam	Fabric Thermal Apps
2006	Gold	Seoul Invention & Innovation Fair, 7-11 Dec 2006	Fabrication of Textile Thermal Tester
2006	Bronze	Malaysia Technology Expo, Malaysia, 23-25 Feb 2006	Fabrication of Textile Thermal Tester
2006	Bronze	Invention, Innovation and Design (IID) Competition, UiTM, 6-7 Jan 2006.	Designing Cementitious Composites reinforced by Textile Waste
2006	Silver	Invention, Innovation and Design (IID) Competition, UiTM, 6-7 Jan 2006	Fabrication and Testing of Miniwarping Machine

Invited Lecturers / Speakers

Role	Course Name	Institution	Date
Invited Speaker	3 rd NEDITC	NED International Textile Conference	12 th Feb 2018
Invited Lecture	Introduction to Textile Technology	MAPA	December 2015
Invited Lecture	Woven Fabrics Technology	Fire Brigade Research, Enstek, Nilai.	21-25 August 2017.
Invited Lecture	Fabrics Structures and Technology	Malaysian Knitters Manufacturers Association (MKMA)	23 May 2017
Invited Lecture	Introduction to Textile Technology	MAPA	December 2015
Invited Lecture	Kursus Teknologi Tekstil dan Carpet untuk Pegawai Kastam	Royal Malaysia Customs Department, Kota Bharu Training Centre, Kelantan, Malaysia	August 2015
Invited Lecture	Woven Fabric Composites, Advanced Technical Textiles	MIGHT-METEOR-Malaysia Automotive Institute	9th January 2012.
Invited Lecture	Introduction to Weaving Technology	Technical & Test Department, Ministry of Defense Malaysia	27 November- 1 December 2006
Invited Lecture	Introduction to Weaving	Ara Borgstena Sdn. Bhd	3-4 March 2006
Invited Lecture	Textile Coloration 1	STRIDE, Ministry of Defense Malaysia	14 – 18 Jun 2004
Invited Lecture	Weaving Design Construction	Royal Malaysia Customs Department	Mei/June 2003
Invited Lecture	Weaving Technology	Royal Malaysia Customs Department, Melaka, Malaysia	Mei/June 2003

Leadership

Dates	Tasks	Level
17th- 18th Dec 2018	Initiated research collaboration with Rajamangala University Phra Nakhon	University
Jun 2014-May 2015	Initiated Loom Transfer Program from Penfabric Sdn. Bhd, Penang to UiTM Shah Alam.	University-Industry
7 Julai 2015	Developed Faculty of Applied Sciences new websites on Joomla 3.4 platform.	University
Mac 21, 2012	New Msc Program - Msc in Engineered Textiles policy makers and curriculum development.	University

April 10, 2015	Initiated of "Simpleware 3D Image Data Visualisation" Seminar	University
Jun-15	Initiator of "International Textile Summer Program, 2015 at Hof University , Germany	International
Nov 20, 2015 - todate	Corporate Member Liason between Textile Institute, Manchester and Textile Technology Program, UiTM.	International

References

Prof. Dr. Hajah Farida Zuraina Mohd Yusof, Dean Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Selangor. Tel : 03-55444560 , Emel : fzuraina@uitm.edu.my

Associate Prof. Dr. Ts. Rozana Mohd. Dahan, Deputy Dean (Research & Industry Linkage), Faculty of Applied Applied Sciences, Universiti Teknologi MARA, Shah Alam. Tel : 03-554434608 , Emel : rozanadahan@uitm.edu.my

Associate Prof. Dr. Ts. Mohd Rozi Ahmad, Deputy Dean (Academic), Faculty of Applied Applied Sciences, Universiti Teknologi MARA, Shah Alam. Tel : 03-55444644, Emel : rozitex@uitm.edu.my