

MOHD IQBAL MISNON

Name :	MOHD IQBAL MISNON
Faculty :	Faculty of Applied Sciences
Staff No :	216836
Grade of Position (VK7/DM54/DM52 etc)	DM52
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BASIC PROFILE

Appointments	Date/Year of Appointment
Lecturer DM45/DM46	16 MAY 2007
Year of Birth :	03 DECEMBER 1980

RESEARCH FUNDINGS

NATIONAL LEVEL ACTIVE RESEARCH FUNDING (MOSTI/FRGS & Others) (Last Five Years)

	Research Project	Source	Total Funds	Begin Year	End Year
1.	Principle Researcher, Breathability of Bacterial Cellulose	FRGS (S&T)	RM 76500.00	2017	2019
2.	Principle Researcher, Water Absorption and Sunlight Degradation of Jute Fabric Composite	Lestari (UiTM)	RM 20000.00	2017	2019
3.	Co-Researcher, THE EXAMINATION OF EXTRACTED NATURAL COLORANTS FROM SEAWEED	ERGS (S&T)		2011	2013
4.	Co-Researcher, THE FEASIBILITY STUDY OF DISTINCTIVE VEGETATIONS IN TAMAN NEGARA	FRGS (S&T)		2010	2013

	AS UNIQUE MALAYSIAN NATURAL DYE SOURCES				
1	Co-Researcher, EVALUATION ON ABRASION AND FRICTION RESISTANCE OF COCOPEAT (<i>COCOS NUCIFERA</i>) - POLYMER COMPOSITE	FRGS (S&T)	RM55,600.00	2010	2012
2	Co-Researcher, FUNDAMENTAL STUDY ON THE PROCESS PARAMETERS FOR SPINNING OF CORE-SHEATH CONDUCTIVE FRICTION YAMS	FRGS (S&T)	RM35,200.00	2010	2012
3	Kajian Penghasilan Polifina " The Conversion of Pineapple Leaves to White Fabric"	Lembaga Nanas Malaysia	RM47,000.00	2009	2010

Dana Kecemerlangan UiTM (Last Five Years)

	Research Project	Total Funds	Begin Year	End Year
1	Co-Researcher, Improving the Drape and Handle Properties of Malaysian Songket	RM22,000.00	2009	2010
2	Principle, The Mechanical properties of Composite Reinforced Treated Banana and Pineapple Fibres	RM10,000.00	2008	2009
3	Principle, The Effect of Sodium Hydroxide Treatment On Pineapple Leaf Fibre Reinforced Polyester Composite	-	2008	2009

PUBLICATIONS

PUBLICATIONS FOR 2016

Misnon MI, Islam MM, Epaarachchi JA, Chen H, Wang H. Woven Hemp Fabric Reinforced Vinyl Ester Composite Treated with Fire Retardant. International Conference on Metallurgy Technology and Materials (ICMTM). Auckland, New Zealand Proceedings of 35th The IRES International Conference; 2016. p. 30-5.

Misnon MI, Islam MM, Epaarachchi JA, Wang H, Lau KT. Woven Hemp Fabric Reinforced Vinyl Ester Composite: Effect of Water Absorption on the Mechanical Properties Degradation. International Conference on Metallurgy Technology and Materials (ICMTM). Auckland, New Zealand Proceedings of 35th The IRES International Conference; 2016. p. 19-24.

Misnon MI, Islam MM, Epaarachchi JA, Lau KT. Fabric Parameter Effect on the Mechanical Properties of Woven Hemp Fabric Reinforced Composites as an Alternative to Wood Products. Advanced Research in Textile Engineering. 2016;1(1004):1-11.

PUBLICATIONS FOR 2015

Misnon MI, Islam MM, Epaarachchi JA, Lau KT. Analyses of woven hemp fabric characteristics for composite reinforcement. Mat Des. 2015;66, Part A:82-92.

PUBLICATIONS FOR 2014

Misnon MI, Islam MM, Epaarachchi JA, Lau K-t. Potentiality of utilising natural textile materials for engineering composites applications. Mat Des. 2014;59:359-68.

Misnon MI, Islam MM, Epaarachchi JA, Lau K-t. Selection of hemp fabric as reinforcement in composite materials. Proceedings of the 3rd International Conference on Mechanical, Industrial and Energy Engineering (ICMIEE 2014): Khulna University of Engineering & Technology; 2014. p. 1-5.

Ab Kadir M, Ahmad WW, Ahmad M, Misnon M, Ruznan W, Jabbar HA, et al. Utilization of Eco-Colourant from Green Seaweed on Textile Dyeing. Proceedings of the International Colloquium in Textile Engineering, Fashion, Apparel and Design 2014 (ICTEFAD 2014): Springer; 2014. p. 79-83.

PUBLICATIONS FOR 2013

Misnon M, Islam M, Epaarachchi J, Lau K. Textile material forms for reinforcement materials: a review. Proceedings of the 3rd Malaysian Postgraduate Conference (MPC 2013): Education Malaysia; 2013. p. 105-23.

Misnon M.I, Bahari S, Islam M, Epaarachchi J. Integration of textile fabric and coconut shell in particleboard. Fourth International Conference on Smart Materials and Nanotechnology in Engineering: International Society for Optics and Photonics; 2013. p. 879305--6

bin Ab Kadir MI, Ahmad WYW, Ahmad MR, Misnon MI, Jabbar HA. Fastness properties and colorimetric characteristics of low temperature dyeing of natural dyes from the barks of *Ixonanthes icosandra* Jack on polyester fabric. Business Engineering and Industrial Applications Colloquium (BEIAC), 2013 IEEE: IEEE; 2013. p. 448-52.

PUBLICATIONS FOR 2012

Ruznan W, Yusof N, Yusoh M, Kadir M, Misnon M, Ahmad W, et al. The effect of household fabric softener on flame resistance of cellulosic fabrics. 2012 IEEE Symposium on Humanities, Science and Engineering Research: IEEE; 2012. p. 759-61.

Bahari SA, Chik MS, Kassim MA, Said CMS, Misnon MI, Mohamed Z, et al. Frictional and heat resistance characteristics of coconut husk particle filled automotive brake pad. 2ND ASEAN-APCTP WORKSHOP ON ADVANCED MATERIALS SCIENCE AND NANOTECHNOLOGY:(AMSN 2010): AIP Publishing; 2012. p. 162-8.

PUBLICATIONS FOR 2011

Misnon MI, Bahari SA, Wan Ahmad WY, Ab Kadir MI, Anuar M. Reinforcement of Textile Fabric in Agricultural Waste Particleboard. in Proceeding 87th Textile Institute World Conference 2010. 2011:408-52.

Ahmad WW, Rahim R, Ahmad MR, Abdul Kadir M, Misnon MI. The application of Gluta Aptera wood (Rengas) as natural dye on silk and cotton fabrics. Universal J Environ Res Technol. 2011;1:545-51.

PUBLICATIONS FOR 2010

- [1] Mohd Iqbal M., Shahril Anuar. B., Jamil S., Muhammad Ismail A.K., Munirah A., "Mechanical and Physical Properties of Agricultural Waste Particleboard Reinforced with Polyester Fabrics ", THE REGIONAL SEMINAR ON SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES (STSS) 2010, ISBN 978-983-2607-24-3

PUBLICATIONS FOR 2009

- [1] Mohd Iqbal M., Shahril Anuar. B., Jamil S., Muhammad Ismail A.K., Munirah A., "THE MECHANICAL AND PHYSICAL PROPERTIES OF AGRICULTURAL WASTE PARTICLEBOARD REINFORCED WITH WOVEN COTTON FABRICS ", Regional Conference (REGCON) 2009, ISBN 978-983-42226-7-3

PUBLICATIONS FOR 2007

- [1] Jamil S., Wan Yunus W. A., **Mohd Iqbal M.**, Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., "Tensile and Flexural Properties of Composites Made from Spinning Waste ", in "Ecotextiles; The Way Forward for Sustainable Development in Textiles" Woodhead Publishing Limited and CRC Press LLC, pp. 136-144, (2007). ISBN 978-1-84569-214-8
- [2] Yunus W. A., Jamil S., Wan Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., Muhammad Ismail A.K., **Mohd Iqbal M.**; "Some Properties of Kenaf and Kenaf Combined Waste Composites ", in "Ecotextiles; The Way Forward for Sustainable Development in Textiles" Woodhead Publishing Limited and CRC Press LLC, pp. 128-135, (2007). ISBN 978-1-84569-214-8

PUBLICATIONS FOR 2005

- [1] Yunus W. A., Jamil S., Wan Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., Muhammad Ismail A.K., **Mohd Iqbal M.**, "Kenaf and Kenaf combined waste composites", Ecotextile 2005. 7-8 July.

- [2] Jamil S., Wan Yunus W. A., **Mohd Iqbal M.**, Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., "Tensile and Flexural Properties of Composites Made From Spinning Waste", Ecotextile 2005. 7-8 July.
- [3] Mohd Iqbal M., Jamil S., Wan Yunus W. A., Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., "Cotton Comb Noils Reinforced Composite", 5th National Symposium on Polymeric Material, Bangi , Selangor, 2005.
- [4] Jamil S., Mohd Iqbal M., Wan Yunus W. A., Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., "Some Mechanical Properties of Cotton Waste/Polypropylene Composite", Conference in Scientific and Social Research (CSSR) 2005, Kuala Terengganu, Terengganu

PUBLICATIONS FOR 2004

- [1] Yunus W. A., Jamil S., Wan Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., Muhammad Ismail A.K., Mohd Iqbal M., "Some Properties of Kenaf and Kenaf Blend of Cotton Combing Waste Composites", Seminar Kebangsaan Sains Teknologi dan Sains Sosial (STSS 04), Hotel Vistana, Pahang
- [2] Yunus W. A., Jamil S., Wan Mohd Faizul Y., Mohd Rozi A., Suzaini A. G., Muhammad Ismail A.K., Mohd Iqbal M., "Some Properties of Kenaf and Kenaf Mixed Waste Composites", 3rd Technical Review Meeting on The National Kenaf Research Project, Kota Bahru, Kelantan