

RESEARCHER'S BACKGROUND	
Name	Prof. Dr. Mat Uzir Wahit
Faculty	Faculty of Chemical and Energy Engineering
Research Interest	<ol style="list-style-type: none"> 1. Biomaterials - including biodegradable polymers and shape memory polymers 2. Polymer and composites - natural fibre composite materials, rubber-toughened polymer, polymer nanocomposites, cellulose nanocomposites
Research Entity	Full Member of Center for Composites (CfC)
UTM Administrative Post(if any)	<p>University Level</p> <ol style="list-style-type: none"> 1. Research Manager of Faculty of Chemical and Energy Engineering (Okt 2016 – present) 2. Deputy Director of Centre for Composites (Sept 2013 – present) 3. Head of Training and Seminar Unit of Composites Center (16 Jul 2007 – 15 Jul 2009) <p>Faculty Level</p> <ol style="list-style-type: none"> 4. Coordinator for M.Eng (Polymer) and PhD (Polymer) programme (By Research) (1 Sept 2009 – 31 Ogos 2011) 5. Head of Polymer Engineering Laboratory (Teaching), Department of Polymer Engineering (Mac 2008 – 2010) 6. Head of Polymer Processing and Testing Laboratory, Department of Polymer Engineering (Mac 2007 – 2008) 7. Head of Polymer Engineering Laboratory, Department of Polymer Engineering (Mac 1999 – Sept 2001)
Professional Post (if any)	<ol style="list-style-type: none"> 1. Member of Institute of Materials, Minerals and Mining (IOM3) (Membership No: 458686, 2010 – present) 2. Member of Plastics and Rubber Institute of Malaysia (Membership No: 300-N29, 2003 – present) 3. Associates Member of Plastics and Rubber Institute of Malaysia (Membership No: A0129, 2000 – 2003)

RESEARCH PROFILE	
Publication	<ul style="list-style-type: none"> • Chapter = 10 (including 1 in Scopus) • Article/Review = 97 (including 73 in Scopus) • Conference Paper = 80 (including 21 in Scopus)
Citation	918 (Scopus)
Scopus H-index	18
Intellectual property rights	<ol style="list-style-type: none"> 1. PI2010002846 - A Polymeric Composition (2010) 2. PI2013700088 - Method for Producing A Polymer for Biomedical Application (2013) 3. PI2013700954 - A Method of Preparing a Nanocomposite of Cellulose and Montmorillonite (2013) 4. PI2015700725 - Method For Producing Regenerated Cellulose-Epoxidized Natural Rubber Composite (2015)

RESEARCH SUPERVISION	
Completed	<ul style="list-style-type: none"> • Post-Doctorate: 2 • PhD: 13

	<ul style="list-style-type: none"> • MSc: 25
Current	<ul style="list-style-type: none"> • PhD: 6 • MSc: 1

AWARDS & RECOGNITIONS	
2016	: Gold Medal - National Innovation and Invention Competition Through Exhibition (iCompEx 17)
2015	: UTM Excellent Services Award
2015	: Silver Medal - Invention and Innovation Award: Malaysia Technology Expo (MTE2015) Title: Active Packaging Grafted Film with Antimicrobial Properties for Enhancing Food Packaging
2014	: Bronze Medal - BioTechnologyAsia 2014 Title: Citric Acid Based Shape-Memory Materials for Biomedical Applications
2013	: Silver Medal - UTM Industrial Art & Technology Exhibition (INATEX 2013) Title: Citric Acid Based Shape-Memory Materials for Biomedical Applications
2013	: Bronze Medal - International Conference and Exposition on Invention of Institutions of Higher Learning (PECIPTA2013) Title: Potential of Durian Skin Fibre as Nanofiller for Biocomposite Applications
2013	: Silver Medal – Kulliyyah of Engineering Research, Invention and Innovation Exhibition (KERIE2013) Title: Reinforcing Polylactic Acid (PLA) with Durian Skin Nanofibre (DSNF) with Polycondensation Method
2011	: Gold Metal – International Conference and Exposition on Inventions of Institutions of Higher Learning (PECIPTA2011) Title: Green Structural Materials of the Future: Novel Toughened Polylactic Acid Nanocomposites
2010	: Silver Medal – UTM Industrial Art & Technology Exhibition (INATEX 2010) Title: Green Material Of The Future: Novel Toughened Polylactic Acid Nanocomposites
2010	: UTM Excellent Services Award
2008-2009	: Post-Doctorate Merit Scholarship Awarded by Islamic Development Bank (IDB) at MONASH University, Melbourne
2006	: UTM Excellent Services Award
2001	: Japan International Cooperation Agency (JICA) Scholarship for High Performance Polymer Technology courses at Osaka, Japan
2003-2006	: SLAB-UTM Scholarship for PhD Study (USM)
1997-1999	: SLAB-UTM Scholarship for MSc Study (UTM)
1990-1994	: PETRONAS Scholarship for Undergraduate Study (USM)

CONTRIBUTIONS
<ol style="list-style-type: none"> 1. Leading 15 research grants with total amount of more than RM 1.5 million 2. Leading member of the committee for IDB Excellence Award in Sciences and Technology for the faculty (Faculty of Chemical and Energy Engineering won the award in 2017) 3. Technical Advisory Committee for Manpower Development, Ministry of Human Resources Malaysia in the field of Polymer Technology and Composites 4. Advisory Committee for Kolej Kemahiran Tinggi MARA, Melaka 5. Committee Member (Chairman) for 11th National Symposium on Polymeric Materials 2011

CONTACT	
Telephone	+607-5535507
E-Mail	r-uzir@utm.my or mat.uzir@cheme.utm.my
Website	http://fcee.utm.my/matuzir/