

## MMU External Grant November 2015

BIL.	GRANT PROVIDER	KETUA PROJEK	FACULTY	PROJECT MEMBER	TAJUK PROJEK	KLUSTER	SUB KLUSTER	LULUS (RM)
1	MOHE	Dr. Solarin Sakiru Adebola	Faculty Of Business (FOB)	1. Prof. Jauhari Dahlan (UUM) 2. Dr. Yuen Yee Yen 3. Dr. Goh Guan Gan	A Framework for Enhancing the Socio-economic Participation of Urban Vulnerable Households	Social Sciences	Economics	70,200.00
2	MOHE	Dr. Goh Guan Gan	Faculty Of Business (FOB)	1. Mr. Ong Jeen Wei	Developing a Framework for Business Sustainability: A Two-Way Relationship Between Stakeholders	Social Sciences	Management [Organisational Behaviour, Entrepreneurship]	69,000.00
3	MOHE	Assoc. Prof. Dr. Mohammad Faizal Ahmad Fauzi	Faculty Of Engineering (FOE)	1. Dr. Fazly Salleh Abas 2. Dr. Sarina Mansor	Grading and Histoscoreing of Breast Carcinoma: Bringing Machine Intelligence to Malaysian Histopathology Research	Clinical and Health Sciences	Pathology	140,000.00
4	MOHE	Assoc. Prof. Dr. Lee Tian Soon	Faculty of Engineering and Technology (FET)	1. Yap Hwa Jen (UM)	Intelligent Design of Real-Time Scheduling in Stochastic Environment of Flexible Flow Shop	Technology and Engineering	Mechanical & Manufacturing	78,900.00
5	MOHE	Prof. Ir. Dr. Wong Hin Yong	Faculty Of Engineering (FOE)	1. Prof. Dr. Hairul Azhar Bin Abdul Rashid 2. Dr. A.s.m. Mukter-uz-zaman 3. Assoc. Prof. Md. Shabiul Islam (UKM) 4. Prof. Dr. Nowshad Amin (UKM)	Investigation on the Physical, Structural, Optical and Electrical Properties of Silicon-core Glass Fiber Based Microwire CZTS Solar Fiber Fabric.	Technology and Engineering	Electrical and Electronic	88,200.00
6	MOHE	Ms. Nor Azlina Ab Aziz	Faculty of Engineering and Technology (FET)	1. Assoc. Prof. Sophan Wahyudi Nawawi (UTM) 2. Assoc. Prof. Dr. Zuwairie Bin Ibrahim (UMP) 3. Assoc. Prof. Dr. Kamarulzaman Ab. Aziz 4. Dr. Marizan Binti Mubin (UM) 5. Ms. Nor Hidayati Abdul Aziz	Pure Gravitational Search Algorithm (PureGSA): A New Algorithm that is Truly Based on Newton's Law of Universal Gravitation	Information and Communication Technology	Artificial Intelligence	58,700.00
7	MOHE	Dr. Ho Sin Ban	Faculty of Computing and Informatics (FCI)	1. Mr. Kahiril Shazwan Dollmat 2. Dr. Chai Ian 3. Dr. Tan Chuie Hong 4. Dr. Chan Gaik Yee	An Empirical Study of Cloud Computing Use, Documentation and Job Productivity for Service Level Agreements in Malaysia	Social Sciences	Sociology	75,200.00

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8	MOHE	Mr. Lai Kim Piew	Faculty Of Business (FOB)	1. Dr. Yuen Yee Yen 2. Mr. Pook Sow Yee 3. Prof. Dr. Hishamuddin Ismail 4. Dr. Tong Yoon Kin	A Framework for Patients' Attitude Enhancement and Trust Building in Public and Private Health Clinics Malaysia	Social Sciences	Business [incl. Accounting, Finance & Marketing]	68,000.00
9	MOHE	Ms. Hidayati Abdul Aziz	Faculty of Engineering and Technology (FET)	1. Assoc. Prof. Dr. Zuwairie Ibrahim (UMP) 2. Ms. Nor Azlina Ab Aziz	A Novel Simulated Kalman Filter for Optimization Problems	Technology and Engineering	Electrical and Electronic	59,700.00
10	MOHE	Dr. Tong Yoon Kin	Faculty Of Business (FOB)	1. Prof. Dr. Hishamuddin Ismail 2. Dr. Devinaga K. Rasiah 3. Mr. Lai Kim Piew	Green Consumer Profile: Buyers' Decision Making Dilemma and Green Purchase Behaviour	Social Sciences	Business [incl. Accounting, Finance & Marketing]	65,000.00
11	MOHE	Dr. Ng Tuan Hock	Faculty Of Business (FOB)	1. Prof. Dr. Hishamuddin Ismail 2. Mr. Lye Chun Teck 3. Ms. Lim Ying San	Equipment Learning Institute for Empowermentcycle Management: Modelling Information and Communication Technology Waste (ICT-waste) Recycling Behaviour of MSC Malaysia Status Companies	Social Sciences	Business [incl. Accounting, Finance & Marketing]	70,000.00
12	MOHE	Dr. Tan Chuie Hong	Faculty Of Management (FOM)	1. Dr. Ho Sin Ban 2. Gowrie Vinayan	A Model of Tourists, Expatriates and International Retirees in Malaysia	Social Sciences	Sociology	69,925.00
13	MOHE	Prof. Dr. Mazlina @ Norzila Mat Zain	Faculty Of Management (FOM)	1. Assoc. Prof. Dr. Nahariah Jaffar 2. Ms. Sunita Lylia Hamdan	Sustaining the Economic Growth of Malaysia Through Fraud Prevention and Detection: Modelling the Local Internal Auditors' Attributes Framework	Social Sciences	Business [incl. Accounting, Finance & Marketing]	74,000.00
14	MOHE	Ms. Aznur Hajar Abdullah	Faculty Of Management (FOM)	1. Prof. Dr. Murali Raman 2. Assoc. Prof. Dr. Neo Tse Kian	Engaging Industry Experts in Online Scaffolding: A New Model for Empowering Learners in Problem Solving	Arts and Applied Arts	Education	63,250.00
15	MOHE	Dr. Chua Fang Fang	Faculty of Computing and Informatics (FCI)	1. Assoc. Prof. Dr. Haw Su Cheng 2. Dr. Khor Chia Ying	Learning Analytics for Social Network Services(SNS)-Integrated Virtual Learning Environment	Arts and Applied Arts	Education	64,200.00

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16	MOHE	Ms. Siva Priya Thiagarajah	Faculty Of Engineering (FOE)	1. Prof. Dr. Mohamad Yusoff Alias 2. Assoc. Prof. Dr. Tan Su Wei 3. Dr. Tan Wooi Nee	Sustainable Capacity and Coverage Enhancement using Self Organizing Networks in 5G Mobile Communications	Technology and Engineering	Electrical and Electronic	58,200.00
17	MOHE	Ms. Sun Cha Chee	Faculty of Engineering and Technology (FET)	1. Assoc. Prof. Dr. You Ah Heng 2. Dr. Teo Lay Lian 3. Dr. Ervina Efzan Mhd Noor 4. Ms. Cheang Pei Ling 5. Ms. Yap Yee Ling	Investigation of Ionic Conductivity Enhancement in PMMA-PAN Blended Polymer Electrolytes for Li Ion Battery	Technology and Engineering	Electrical and Electronic	88,200.00
18	MOHE	Dr. Mazni Alias	Faculty Of Management (FOM)	1. Assoc. Prof. Dr. Chew Kok Wai 2. Dr. Zauwiyah Ahmad 3. Dr. Abdul Mutalib Mohamed Azim	A Model of Workplace Deviant Behaviour in the Malaysian Hotel Industry.	Social Sciences	Management [Organisational Behaviour, Entrepreneurship]	67,200.00
19	MOHE	Mr. Wong Ya Ping	Faculty of Computing and Informatics (FCI)	1. Dr. Ng Boon Yian 2. Tan Guat Yew (USM) 3. Dr. Ku Day Chyi	Modified Principal Component Analysis on Hamming Cube for Action Recognition	Information and Communication Technology	Artificial Intelligence	107,800.00
19	MOHE	Dr. Ku Chui Choon Ivan	Faculty Of Engineering (FOE)	1. Prof. Dr. Mohamad Yusoff Alias 2. Dr. Ayman Abd El-Saleh 3. Assoc. Prof. Dr. Chuah Teong Chee 4. Lee Anh Tuan (Middlesex Uni.) 5. Yeoh Chun Yeow (TM R&D)	Practical Interference Alignment Techniques with Reduced CSI Dependency for 5G and Beyond Wireless Communications	Information and Communication Technology	Theory of Computation	80,700.00
20	MOHE	Dr. Yvonne Lee Lean Ee	Faculty Of Management (FOM)	1. Assoc. Prof. Dr. Tan Siow Hooi 2. Assoc Prof. Dr. Ong Hway Boon 3. Dr. Koong Seow Shin	Modelling the Role of Social Capital in Reducing Poverty Incidence in Urban and Rural Malaysia Using the Generalised Ordered Logit Model	Social Sciences	Economics	74,300.00
21	MOHE	Mr. Rouzbeh Behnia	Faculty of Information Science and Technology (FIST)	1. Dr. Tan Syh Yuan 2. Dr. Yau Wei Chuen 3. Dr. Chin Ji Jian	Design and Analysis of Privacy-Providing Optimistic Fair Exchange	Information and Communication Technology	Information System	75,700.00

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22	MOHE	Ms. Yvonne Kam Hwei Syn	Faculty Of Engineering (FOE)	1. Dr. Por Lip Yee (UM) 2. Prof. Goi Bok Min (UTAR) 3. Dr. Goh Vik Tor 4. Moesfa Soeheila Mohamad (MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION, MALAYSIA)	Investigating Visual Hidden Challenges in Graphical Password against Shoulder Surfing	Information and Communication Technology	Information System	70,700.00
23	MOHE	Ms. Wong Chui Yin	Faculty of Creative Multimedia (FCM)	1. Assoc. Prof. Chang Yoong Choon 2. Prof. Peter Charles Woods 3. Prof. Dr. Lai Ming Ming 4. Mireia Fernandez-ardevol (OPEN UNIVERSITY OF CATALONIA) 5. Mr. Cheong Soon Nyeon	Intuitive Interaction of Assisted Living Home User Interfaces for the Elderly	Social Sciences	Psychology	98,200.00
24	MOHE	Dr. Yap Voon Choong	Faculty Of Management (FOM)	1. Prof. Dr. Murali Raman 2. Prof. Dr. Saravanan Muthaiyah 3. Dr. Chan Kok Thim 4. Assoc. Prof. Dr. Loo Ern Chen (Universiti Teknologi MARA)	An Improved Framework for Shareholders Value Creation and Maximisation in Malaysain Public Listed Companies	Social Sciences	Business [incl. Accounting, Finance & Marketing]	71,200.00
25	MOHE	Assoc. Prof. Dr. Tan Ai Hui	Faculty Of Engineering (FOE)	1. Mr. Cham Chin Leei 2. Dr. Ng Yin Hoe 3. Prof. Keith Richard Godfrey (UNI. OF WARWICK)	Optimisation of Correlation Methods for Multi-input System Identification	Technology and Engineering	Electrical and Electronic	64,200.00
26	MOHE	Ms. Tan Su-Mae	Centre For Diploma Programme (CDP)	1. Prof. Dr. Hishamuddin Ismail 2. Mr. Liew Tze Wei	A Framework of Anthropomorphic Agent for Social Presence on E-Commerce Website	Social Sciences	Communication	73,200.00
27	MOHE	Dr. Aminuddin Ahmad Kayani	Faculty of Engineering and Technology (FET)	1. Prof. Burhanuddin Yeop Majlis (UKM) 2. Dr. Sin Yew Keong 3. Dr. Nashrul Fazli Mohd Nasir (UMP) 4. Dr. Hadhrami Ab Ghani 5. Dr. Ervina Efzan Mhd Noor 6. Assoc. Prof. Mohd Fairulnizal Md Noh (KKM)	Novel Dielectrophoretic Morphologies and Colloidal Behaviours for Biomedical Applications	Technology and Engineering	Electrical and Electronic	125,300.00

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28	MOHE	Dr. Intan Soraya Rosdi	Faculty Of Management (FOM)	1. Assoc. Prof. Dr. Chew Kok Wai	Modelling Innovative Capability Among Malaysian SMEs	Social Sciences	Management [Organisational Behaviour, Entrepreneurship]	63,200.00
29	MOHE	Dr. Lim Sin Liang	Faculty Of Engineering (FOE)	1. Dr. Tee Sim Hui 2. Lim Sin Ting	Morphological Interpolation on Digital Elevation Model (DEM)	Technology and Engineering	Electrical and Electronic	69,200.00
30	MOHE	Dr. Kok Chee Kuang	Faculty of Engineering and Technology (FET)	1. Mr. Liew Kia Wai 2. Dr. Lim Thong Leng 3. Dr. Ervina Efzan Mhd Noor 4. Ooi Chin Chin (MOTOROLA)	Predicting the Elastic Constants of Multi-layer High Density Interconnect Printed Circuit Board From Its Constituent Materials	Technology and Engineering	Material and Polymer	87,200.00
31	MOHE	Dr. Abdullah Sallehuddin Abdullah Salim	Faculty Of Management (FOM)	1. Prof. Dr. Hishamuddin Ismail 2. Dr. Al-Mansor Abu Said 3. Mr. Mohd Ariff Mustafa 4. Mr. Md Shukor Masuod 5. Mr. Azizi Samsudin 6. Mr. Mohammad Jais	Crafting Religious Coop's Strategic Governance Model and Success Factors Ascertainment	Social Sciences	Business [incl. Accounting, Finance & Marketing]	70,000.00
32	MOHE	Prof. Dr. Hairul Azhar Abdul Rashid	Faculty Of Engineering (FOE)	1. Mr. Nizam Tamchek (UPM) 2. Prof. Dr. Mohd Ridzuan Mokhtar 3. Assoc. Prof. Mukul Chandra Paul (CENTRAL GLASS & CERAMICS RESEARCH INSTITUE)	Investigation of Infrared Luminescence in Bismuth doped multi-component Silica optical fiber	Applied Science	Materials Science	113,200.00
33	MOHE	Dr. Goh Vik Tor	Faculty Of Engineering (FOE)	1. Assoc. Prof. Mustaffa Kamal Shuib 2. Mr. Timothy Yap Tze Vun	Landslide Prediction with Wireless Sensor Networks using Non-linear Learning Models	Applied Science	Geoscience	134,600.00