

OUR RESEARCH PUBLICATION AND COMMERCIALIZATION

Research Project

UTM-FKA has a broad research base with global appeal

that is enhanced by extensive collaboration with other universities and organisations. It ensures that all research and development project run by the staff fall into the niche areas, called Research Alliance (RA) identified by the faculty in order to utilize the strength of its pool of expertise and physical facilities available. Consequently, we continue to break new grounds in R & D and smart application using technologies to tackle problems with pulsating results that resonate resoundingly home and abroad.

Under the Ninth Malaysia Plan (2011 - 2015), the Ministry of Science, Technology and Innovation (MOSTI) offered 3 research grants: TechnoFund and ScienceFund. In addition, the Ministry of Higher Education (MoHE) initiated the Fundamental Research Grant Scheme (FRGS).

Throughout 2011, research grant applications were approved by MOSTI and MoHE for various projects. Other research grants approved in 2011 were from IRGS and R&D fund for new PhD staff and foreign academic visitors. The total research grant approved was RM 18.8million which has enabled the Research Alliance to organize a number of research activities in 2011. This gives an increment of 180% in terms of approved research grants in comparison to the previous year.

FACTS AND FIGURES

22 Research Groups

83 Researchers

RM18.8 Million Research Grants

169 Research Projects (Ongoing)

125 Journal Papers

234 Conference Proceedings

OUR RESEARCH PUBLICATION AND COMMERCIALIZATION

Publication

Guided by the vision and mission of the university, staff of UTM-FKA have been actively involved in research publications at both the national and international levels. In total 357 papers were published in 2011. The publications were in various forms, such as, books, journal articles and conference and seminar proceedings.

Consultation

	PROJECT TITLE	CLIENT	PROJECT HEAD	AMOUNT
1.	Pembangunan Wilayah Ekonomi Pantai Timur (ECER) – Bentong ke Simpang Pelangi, Pahang	Kumpulan Ikram Sdn. Bhd.	PM Ir. Dr. Azman bin Kassim (Ketua Projek)	27,200.00
2.	Surface & Groundwater Study for Lion Blast Sdn. Bhd. – Field Data	Jurutera Perunding Zaaba Sdn. Bhd.	En. Abu Bakar Fadzil (Ketua Projek)	90,000.00
3.	Kajian Sumber Air Negeri Johor (2010-2060)	SMHB Sdn. Bhd.	Prof. Dr. Zulkifli bin Yusop (Ketua Projek)	221,791.61
4.	Kerja-kerja Ujikaji Sampel Batuan di Makmal Geoteknik, Jabatan Geoteknik & Pengangkutan, Fakulti Kejuruteraan Awam	Badan-badan Swasta & Kerajaan	PM. Mohd For bin Mohd Amin (Ketua Projek)	30,000.00
5.	Detailed Environmental Impact Assessment (DEIA) For The Proposed Tin Mining At The Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Negeri Melaka	Prof. Dr. Zulkifli Yusop (Ketua Projek)	1,200,000
6.	Kajian Sumber Air di Gugusan Felda Sahabat, Lahad Datu, Sabah	Federal Land Development Authority (FELDA)	Prof. Dr. Zulkifli Yusop (Ketua Projek)	1, 090,161.21
7.	Perunding DMMT	Schaefer International Sdn. Bhd.	Prof. Ir. Dr. Mahmood binTahir (Pengarah) PM. Dr. Arizu Sulaiman Dr. Shek Poi Ngian Dr. Tan Cher Siang	88,390.00
8.	Kajian Pembangunan Indeks Prestasi Alam Sekitar (Malaysia Environmental Performance/EPI)	Kementerian Alam Sekitar dan Sumber Asli	Prof. Dr. Mohd. Razman bin Salim, Prof. Dr. Zulkifli bin Yusop, Dr. Muhamad	277,323.00

OUR RESEARCH PUBLICATION AND COMMERCIALIZATION

			Askari, PM Dr. Mohd Ismid bin Mohd Said, Prof. Madya Dr. Azmi bin Aris, Dr. Shamila binti Azman (Perunding Projek)	
9.	Detailed Environmental Impact Assessment (DEIA) for the Proposed Off-shore Tin Dredging Kuala Sungai Baru, Alor Gajah Melaka.	Kerajaan Negeri Melaka	Prof. Madya Mohd For Mohd Amin (Ketua kajian Geologi & Mining)	250,000.00
10.	Pembangunan Nilai Rekabentuk Tipikal (Typical Design Values) bagi Batukapor di Persekitaran Pandan Indah/MRR II.	Cawangan Kejuruteraan Jalan & Geoteknik, JKR	Prof. Madya Mohd For Mohd Amin (Ketua)	32,000.00
11.	Testing & Characterisation of Rock Samples for Jalan Persekutuan, Laluan 8 & 9, Central Spine Road, Pembangunan Wilayah Ekonomi Pantai Timur (ECER)	Kumpulan IKRAM Sdn. Bhd. & ECER	Prof. Madya Mohd For Mohd Amin (Ketua)	54,920.00
12.	Testing & Characterising of rock samples for Foundation Design of RC Dam in Limbang & Lawas, SCORE Projects, Sarawak	Snowy Mountain Engineering Corporation (SMEC), Australia	PM Mohd For Mohd Amin (Ketua)	27,450.00
13.	Detailed Environmental Impact Assessment (DEIA) For The Proposed Tin Mining At The Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Negeri Melaka	Dr. Mohd. Badruddin Mohd. Yusof (Perunding Projek-Kajian Sosial)	360,000.00
14.	Cadangan Pembangunan Tasik Kenyir bagi Pembinaan Jeti dan Pelabuhan Babas Cukai	Lembaga Pembangunan Terengganu Tengah (KETENGAH)	Dr. Mohd Fadhil bin Md. Din (Ketua Projek)	75,000.00
15.	Environmental Impact Assessment (EIA) for Quarry Operation at Pontian, Johor	Harta Warga Sdn. Bhd.	Dr. Mohd Fadhil bin Md. Din (Ketua Projek)	70,000.00
16.	Environmental Impact Assessment (EIA) for Industrial Activity at Pasir Gudang, Johor	Johor Corporation Berhad	Dr. Mohd Fadhil bin Md. Din (Ketua Projek)	55,000.00
17.	Pelan Pengurusan Alam Sekitar di Tasik Kenyir Bagi Pembinaan Jeti dan Pembangunan Zon Bebas Cukai	Lembaga Pembangunan Terengganu Tengah	Dr. Mohd Fadhil bin Md. Din (Ketua Projek)	65,000.00

OUR RESEARCH PUBLICATION AND COMMERCIALIZATION

		(KETENGAH)		
18.	Proposed Tin Mining at Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Melaka (UPEN)	Dr. Mohd Fadhil bin Md. Din (Team Member)	1,200,000.00
19.	Engineering Inspection For Maintenance Of Slopes In MPM Building Area	Majlis Peperiksaan Malaysia	Prof. Dr. Aminaton binti Marto	378,100.08
20.	Investigate Work at Mukim Jorak, Muar, Johor	Syarikat tujuh Utara Sdn Bhd	Dr. Edy Tonnizam Hj. Mohamad (Ketua Projek)	15,000.00
21.	SESTMIC SERVEY WORK at Lot 2436, Mukim Tebrau, Johor Bahru, Johor	Segamat Quarry Sdn Bhd	Dr. Edy Tonnizam Hj. Mohamad (Ketua Projek)	12,000.00
22.	Mining Scheme And Geological Evaluation (Lab Test)	Holcim Marketing Sdn Bhd	Dr. Edy Tonnizam Hj. Mohamad (Ketua Projek)	7,300.00

An increase in numbers from
71 (2010) to 128 (2011)

Conferences

An increase in numbers from
156 (2010) to 183 (2011)

17% increase

OUR RESEARCH PUBLICATION AND COMMERCIALIZATION



The screenshot shows the Amazon.com interface. At the top right is the UTM logo. The Amazon.com logo is on the left. Navigation links include 'Hello. Sign in to get personalized recommendations. New customer? Start here.', 'Your Amazon.com', 'Today's Deals', 'Gifts & Wish Lists', and 'Gift Cards'. A search bar contains the word 'Books'. Below the search bar are navigation tabs: 'Books', 'Advanced Search', 'Browse Subjects', 'New Releases', 'Best Sellers', and 'The New York Times® Best Sellers'. The main product listing features a cover image of a demolition site. The title is 'Demolishing of Reinforced Concrete Chimney: A Case Study Research on Peninsula Malaysia [Paperback]'. The authors are 'Mohammad Ali Kazerooni Sadi (Author), Arham Abdullah (Author)'. A red circle highlights the authors' names. Below the title, it says 'Be the first to review this item | Like (0)'. The price is '\$79.00 & this item ships for FREE with Super Saver Shipping. Details'. It also states 'In Stock. Ships from and sold by Amazon.com. Gift-wrap available.' and 'Want it delivered Wednesday, December 14? Order it in the next 4 hours and 29 minutes, and choose One-Day Shipping at checkout. Details'.

