



LAPORAN TAHUNAN ANNUAL REPORT 2007

FAKULTI ALAM BINA
FACULTY OF BUILT ENVIRONMENT



Senarai Kandungan

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Kata Aluan Dekan Words from the Dean



Assalamualaikum Wbt. Wbh.

Terlebih dahulu saya memanjatkan setinggi-tinggi kesyukuran ke hadirat Allah s.w.t. kerana dengan izin dan limpah kurniaNya saya diberikan kesempatan untuk membentangkan Laporan Tahunan Fakulti Alam Bina 2007. Fakulti ini telah melaksanakan pelbagai program dan aktiviti sepanjang tahun 2007 melibatkan staf dan pelajar pada peringkat universiti, kebangsaan dan antarabangsa.

Fakulti terus berusaha untuk menghasilkan graduan yang kompeten melalui penggalakkan dalam aspek kecemerlangan akademik dan membangunkan kemahiran generik serta meningkatkan penglibatan pada peringkat kebangsaan dan antarabangsa.

Berbagai usaha telah dilaksanakan untuk menyokong pencapaian objektif pengantarabangsaan universiti termasuk menambahkan bilangan pakar luar negara melalui perlantikan Pensyarah Kontrak, Profesor Madya Pelawat dan Profesor Pelawat. Di samping itu usaha berterusan terus dilaksanakan bagi meningkatkan bilangan pelajar luar negara.

Selain dari itu, satu memorandum persefahaman baru telah ditandatangani dengan sebuah universiti swasta terkemuka di Perancis, Ecole de la Villette.

Saya berkeyakinan bahawa kejayaan yang telah dicapai oleh fakulti dalam melaksanakan semua program dan aktiviti pada tahun 2007 akan dapat terus di pertingkatkan pada masa hadapan dengan sokongan dan komitmen tinggi dari staf dan pelajar.

Sekian, terima kasih.

PROF. DR. SUPIAN BIN AHMAD
DEKAN

I begin the words with gratitude to Allah the Almighty for this opportunity to present 2007 Annual Report of the Faculty of Built Environment. The faculty has conducted a number of programmes and activities throughout 2007, involving the staffs and students at university, national as well as international levels.

The faculty continue strives to produce exceptional and competent graduates through promoting students' academic excellence, and developing their generic skills as well as participation in national and international competitions.

Various efforts have also been made in order to support the University's internationalisation objective, including increasing the number of external experts through the appointments of International Contract Lecturers, Visiting Associate Professors and Visiting Professors. Efford have been made in order to increase the number of foreign students at both postgraduate and undergraduate level. In addition, a new Memorandum of Understanding has also been concluded with a leading university in France, Ecole de la Villette.

I am convinced that the faculty's achievement in implementing all programs and activities throughout 2007 wil be enhanced further through continuous support of the staffs and students.

Best regards and thank you.

PROF. DR. SUPIAN BIN AHMAD
DEAN

Wawasan Fakulti

Untuk Menjadi Pusat Kecemerlangan Pendidikan Profesional Alam Bina Bertaraf Antarabangsa menjelang tahun 2010

Misi Fakulti

Untuk menerajui pendidikan profesional dalam Alam Bina.

Objektif Fakulti

Melahirkan ahli teknologi alam bina yang cekap dan bertanggungjawab kepada penciptanya dan masyarakat melalui objektif-objektif yang telah digubal seperti berikut :

1

Mewujudkan sistem pendidikan dalam bidang ikhtisas yang cekap untuk melahirkan para graduan yang terlatih dan mampu menghasilkan daya pemikiran kreatif yang berkesan, di samping menyedari kehendak-kehendak Agama, Warisan Kebudayaan dan Alam Bina.

2

Menggunakan kepakaran yang ada untuk merintis, menganjur, melaksana dan mengambil bahagian dalam kegiatan-kegiatan penyelidikan, penerbitan, perundingan dan projek khidmat masyarakat dengan organisasi luar.

3

Memberi perkhidmatan kepada masyarakat.

Our Vision

To be the centre of professional education of world class standing by year 2010

Our Mission

To lead professional education in built environment.

Our Objective

To produce capable built environment professionals responsible towards the Creator and society.

1

Create an education system aimed at producing professionally trained graduates able to produce effective creative works whilst adhering to the rules and regulations stipulated by religion, cultural heritage and the built environment.

2

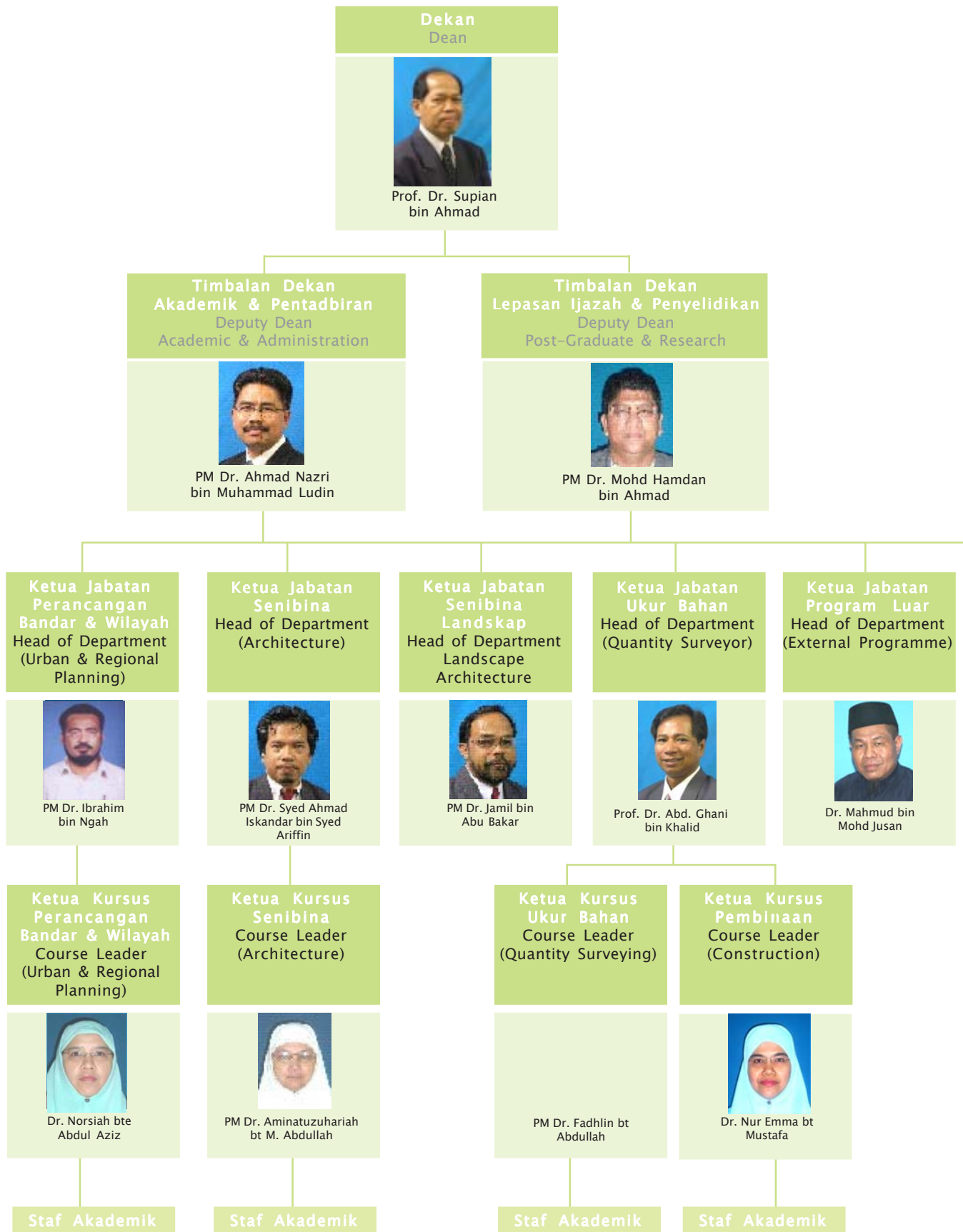
Utilize the available expertise to tread new territories, organize, execute and participate in activities of research, publication, consultancy and voluntary work with other organizations.

3

Provide services to the community.

Pengurusan Fakulti

The Faculty's Management



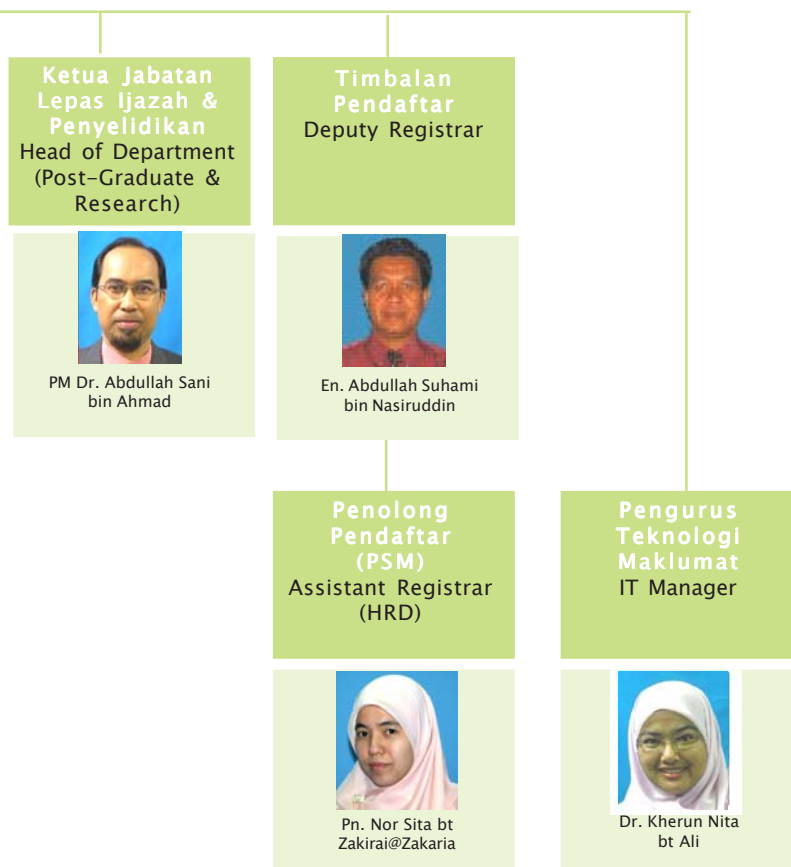
Ringkasan Fakulti Faculty In Brief

Fakulti ini telah ditubuhkan pada tahun 1972 dengan nama asalnya Fakulti Senibina. Pada bulan Oktober 1974 dengan penubuhan Jabatan Ukur Bahan dan Jabatan Perancangan Bandar & Wilayah, Fakulti Senibina telah ditukar nama menjadi Fakulti Alam Bina. Fakulti Alam Bina boleh dikatakan mempunyai kedudukan yang unik di antara fakulti-fakulti yang ada di UTM, kerana ia mengendalikan program-program yang bernaung dalam lima bidang ikhtisas yang berlainan tetapi erat kaitannya, iaitu Perancangan Bandar & Wilayah, Senibina, Senibina Landskap, Ukur Bahan dan Pembinaan.

Fakulti ini bermula di kampus Jalan Semarak, Kuala Lumpur dan pada Julai 1985 ianya telah dipindahkan ke kampus baru di Skudai yang terletak kira-kira 20 km dari bandaraya Johor Bahru.

The Faculty of Built Environment started in 1972 with the initial name of Faculty of Architecture. In October 1974, the name was changed to Faculty of Built Environment with the addition of two new departments namely Department of Quantity Surveying and the Department of Urban and Regional Planning. One of the unique feature of the faculty is that it conducted five different professional programs closely related with each other, these are Urban Regional Planning, Architecture, Landscape Architecture, Quantity Surveying and Construction.

The faculty started in its former campus at Jalan Semarak, Kuala Lumpur, and in July 1985 it moved to the present campus at Skudai, which is located around 20km from the city of Johor Bahru.



Pengajaran dan Pembelajaran

Teaching and Learning

Kemasukan Pelajar

Student Enrolment

Jumlah pelajar berdaftar yang mengikuti program di Fakulti Alam Bina pada tahun 2007
The total number of registered student according to programs at Faculty of Built Environment in the year 2007

Program	Bil. pelajar (Sepenuh Masa) No. of students (Full-time)	Bil. pelajar (Separuh Masa) No. of students (Part-time)
Peringkat Sarjana Muda Degree Level		
Sarjana Muda Senibina Bachelor of Architecture	443	140
Sarjana Muda Senibina Landskap Bachelor of Landscape Architecture	139	28
Sarjana Muda Perancangan Bandar & Wilayah Bachelor of Urban & Regional Planning	269	22
Sarjana Muda Ukur Bahan Bachelor of Quantity Surveying	331	80
Sarjana Muda Sains Pembinaan Bachelor of Science in Construction	128	76
Sarjana Muda Bangunan Bachelor of Building	-	1
Peringkat Sarjana (MSc/MArch) Master Level (MSc/MArch)		
Pelajar Tempatan Local Students	188	-
Pelajar Antarabangsa International Students	24	-
Doktor Falsafah (PhD) Doctor of Philosophy		
Pelajar Tempatan Local Students	36	-
Pelajar Antarabangsa International Students	19	-
Jumlah Keseluruhan Total Numbers	1 577	347

Penerima Anugerah Canselor pada Majlis Konvokesyen 2007 Chancellor Award during the Convocation 2007

Konvokesyen ke 39
Ooi Ai Kheng

- Sarjana Muda Senibina
Bachelor of Architecture

Penerima Anugerah Naib Canselor pada Majlis Konvokesyen 2007 Vice Chancellor Award during the Convocation 2007

Konvokesyen ke 38

Abdul Aziz bin Mokhter@Makhtar

- Sarjana Muda Perancangan Bandar dan Wilayah
Bachelor of Urban and Regional Planning

Konvokesyen ke 39

Nurul Asyikin bt Abdullah

- Sarjana Muda Ukur Bahan
Bachelor of Quantity Surveying

Profesor Pelawat Visiting Professor

Sepanjang tahun 2007, Fakulti Alam Bina telah menerima khidmat seramai tujuh (7) orang Profesor Pelawat. Program Profesor Pelawat telah membantu mempertingkatkan mutu pembelajaran di samping menggalakkan pertukaran ide dan pengalaman berhubung program pengajian di institusi pengajian tinggi terkemuka luar negara. Butir-butir Profesor Pelawat di Fakulti adalah seperti berikut:

Throughout 2007, Faculty of Built Environment has appointed seven (7) Visiting Professors. This programme helps to improve the learning quality, while allowing knowledge exchange especially with international experts. The details of Visiting Professors as follows:

Prof. Dr. Shen Li Yin

Prof. Michihiko Shinozaki

Prof. Michael Jenks

Prof. Emiratus Dr. John W. Dickey

Professor Roger Flanagan

Professor Francesco Saverio Fera

The Hong Kong Polytechnic University

Shibaura, Institute of Technology

Oxford Brookes University, United Kingdom

Virginia Polytechnic Institute, United State

University of Reading, United Kingdom

University of Bologna, Italy

Profesor Madya Tamu Visiting Associate Professor

Bagi meningkatkan hubungan di antara Fakulti dan industri, FAB telah menerima khidmat tujuh (7) orang Profesor Madya Tamu seperti berikut:

In order to strengthen the link between the faculty and industry, the faculty has appointed seven (7) Visiting Associate Professor as follows:

Sr. Noushad Ali Naseem bin Ameer Ali, Sundra Rajoo Arbitration Chambers, Sdn. Bhd., Selangor

Ar. Suhari Hj. Nordin, Arkitek Karya Budi, Kuala Lumpur.

Ar. Md. Razin Mahmood, Razin ARchitect, Johor Bahru

Ar. Hamdan Abdul Jamal, Hamdan Abdul Jamal Arkitek, Johor Bahru.

Puan Wan Maimun binti Wan Abdullah, Khalid Ahmad Architects, Kuala Lumpur.

Sr. Dr. Mohd. Mazlan bin Haji Che Mat, Selangor.

Ar. Sundra Rajo, Sundra Rajoo Arbitration Chambers Sdn. Bhd., Selangor

Pensyarah Kontrak (Antarabangsa) Contract Lecturer (International)

Selaras dengan usaha pengantarabangsaan, FAB telah menerima khidmat empat orang staf akademik kontrak dalam bidang-bidang struktur, senibina dan pembangunan seperti berikut:

In tandem with internationalisation effort, Faculty of Built Environment appointed four Contract Academic Staff in the Structure, Architecture and Development areas as follows;

Prof. Madya Dr. Jahangir Bakhteri s/o Syed Hassan, Roorke University, India.

Dott Arc Paolo Cucchi, University of Venice, Italy.

Dr. Muhammad Tetsu Kubota, Shibaura Institute Technology, Japan.

Prof. Dr. Kwang Kim Sik, Sungkyunkwan University, Korea.

Dr. Remaz Dilshen Ossen, University of Morutowa, Sri Lanka

Perjanjian Persefahaman Memorandum of Understanding

Satu perjanjian persefahaman (MoU) baru telah dijalin antara UTM dengan Ecole De la Villate, Perancis, Lembaga Pengurus Jabatan Konstruksi (LPJK), Indonesia, Senior Executive Association (ISEA). MoU ini melibatkan aspek berkaitan dengan pertukaran pelajar, pertukaran staf dan penyelidikan bersama.

A new Memorandum of Understanding has been signed between UTM and Ecole de la Villate, France, Lembaga Pengurus Jabatan Konstruksi (LPJN), Indonesia Senior Executive Association (ISEA). This MoU involves aspect related to student exchange, staff exchange and joint research.

Pelajar Antarabangsa International Student

Seramai 31 orang pelajar luar negara (16 diperingkat Sarjana dan 15 di peringkat Doktor Falsafah) sedang mengikuti program lepasan Ijazah. Mereka terdiri daripada pelajar Nigeria, Sri Lanka, Indonesia, Iran, Libya, Pakistan dan Bangladesh.

There are 31 international students (16 in Masters studies and 15 in Doctorate studies) currently enrolled in Postgraduate Program, which include students from Nigeria, Sri Lanka, Indonesia, Iran, Libya, Pakistan and Bangladesh.

Graduan 2007 Graduates 2007

Jumlah graduan me ngikuti program pengajian pada tahun 2007 adalah seperti berikut:
Number of graduates in 2007 according to program as below:

Peringkat Diploma	Diploma Level	Bil. Graduan	No. of Graduates
Diploma Senibina Diploma in Architecture		1	
Diploma Perancangan Bandar & Wilayah Diploma in Urban & Regional Planning		-	
Diploma Ukur Bahan Diploma in Quantity Surveying		-	
Jumlah Kecil Sub Total		1	
Peringkat Sarjana Muda	Degree Level		
Sarjana Muda Perancangan Bandar & Wilayah Bachelor of Urban & Regional Planning		23	
Sarjana Muda Senibina Bachelor of Architecture		58	
Sarjana Muda Ukur Bahan Bachelor of Quantity Surveying		106	
Sarjana Muda Senibina Landskap Bachelor of Landscape Architecture		29	
Sarjana Muda Sains Pembinaan Bachelor of Science Construction		42	
Jumlah Kecil Sub Total		258	
Peringkat Sarjana Doktor Falsafah	Master Level Doctorate Level		
		41	
		1	
Jumlah Kecil Sub Total		42	
Jumlah Keseluruhan Total		301	

Maklumat Staf Akademik Academic Staffs' Information

Maklumat Staf Akademik Information on Staff Academic	Bilangan Staf Number of Staff
Jumlah Staf Akademik Total number of Academic Staff	100
Staf Akademik memiliki PhD Academic Staff with PhD	44
Staf Akademik Antarabangsa International Academic Staff	5
Jumlah Tutor Total number of Tutors	5
Jumlah Pembantu Pengajar Total number of Teaching Assistants	8
Staf Akademik Cuti Belajar Academic Staff on Study Leave	18

Maklumat Perjawatan Staf Akademik Information on Academic Staff Designation

Staf Tetap

Permanent Staff

Profesor (VK6) Professor (VK6)	1
Profesor (VK7) Professor (VK7)	6
Profesor Madya Associate Professor	23
Pensyarah Kanan (DS52) Senior Lecturer	13
Pensyarah Lecturer	40
Lain-lain Others	5

Staf Kontrak

Contract Staff

Profesor (VK6) Professor (VK6)	1
Profesor (VK7) Professor (VK7)	3
Profesor Madya (DS53) Associate Professor (DS53)	4
Pensyarah (DS51) Lecturer (DS51)	3
Pensyarah (DS45) Lecturer (DS45)	1

Penyelidikan dan Pembangunan Research and Development

Jumlah penyelidikan yang dijalankan sepanjang tahun 2007 adalah sebanyak tujuh belas dalam kategori penyelidikan fundamental, penyelidikan sains, dana pembangunan pendidikan dan penyelidikan antarabangsa.

In 2007, a total of seventeen research projects were granted in the category of Fundamental research, science research, teaching development fund and international research.

Penyelidikan Research

Prof. Dr. Supian bin Ahmad, Thermal comfort in Existing Terraced Houses in Malaysia : Energy Saving Strategies to Reduce the Use of Airconditioners.

Prof. Madya Dr. Ahmad Fauzi bin Abdul Wahab, Healthy-stress indicators for the workplace

Prof. Madya Dr. Amran bin Hamzah , Cultural & Nature-Based Tourism Corridors : Pilot Project at Kelantan Darul Naim

Dr. Foziah bt Johar, Developing Sustainable Management Model For Tanjung Piai, Johor National Park (Ramsar Site)

Dr. Muhammad Zaly Shah bin Muhammad Hussein, A logistic regression model to predict commuters trip making choice in area with undeveloped public transportation system.

Prof. Madya Dr. Mohd. Zin bin kandar, Energy Conservation Program in Government Building

Prof. Dr. Ahris bin Yaakup, Building Conservation Selection Criteria

Prof. Dr. Ahris bin Yaakup, Criteria for Urban Sprawl/Land Use Expansion

Prof. Madya Dr. Mohd Hamdan bin Ahmad, Comfortable housing model in new housing PPRT for Orang Asli

Prof. Dr. Mohamad Tajuddin Mohamad bin Rasdi, The Development of the modern Ideas of Islamic Architecture in the Modern Malaysia

Prof. Dr. Ho Chin Siong, Assessing the Competitive of Malaysia Cities based on the Methods of Data Envelopment Analysis (DEA).

Dr. Dilshan Remaz Ossen, Tropical Design Principles for Comfortable Indoor Climate

Prof. Dr. Abd. Ghani bin Khalid, Cost Forecasting Model For Building Projects

Prof. Madya Dr. Ahmad Nazri bin Ludin, Guideline for Open Space and Linear park Development

Dr. Mohd Rafee bin Majid, Impervious Surface Estimation Model for Housing Estate/Subdivision

Prof. Dr. Kim Kwang Sik, Analysis Temporal and Spatial Changes in Regional Structure of Johor State

Prof. Madya Dr. Ismail bin Said, Evaluating Affordances of Forest Parks on Children's Functioning

Prof. Madya Dr. Razali bin Adul Hamid, Analysis of Root courses of construction accident in Malaysia

KALAM Pusat Kajian Alam Bina Dunia Melayu (KALAM)

Center for the Study of Built Environment in the Malay World

Pusat Kajian Alam Bina Dunia Melayu (KALAM) telah menjangkau dua belas tahun semenjak dirasmikan penubuhannya pada 15 Ogos 1996 oleh DYMM Sultanah Zanariah, Canselor UTM. KALAM ditubuhkan berlandaskan kepada keprihatinan staf Jabatan Senibina dan fakulti amnya terhadap kesinambungan warisan senibina Melayu di negara ini.

Visi KALAM

Menjadi pusat rujuk utama Teori dan Sejarah Senibina di Asia Tenggara

Peranan KALAM

Menyediakan maklumat bagi membantu proses penghasilan perancangan petempatan dan rekabentuk bangunan yang lebih sempurna dari konteks kesinambungan budaya hidup di dalam Dunia Melayu

Objektif KALAM

1. Mendokumentasi bangunan dan aspek-aspek alam bina dengan tujuan memahami faktor-faktor yang mempengaruhi rekabentuk
2. Membuat analisis terperinci terhadap data sejarah ini bagi tujuan mengenalpasti aspek-aspek warisan alam bina yang boleh diasimilasi dan diadaptasi dalam rekabentuk bangunan dan alam bina masa kini dan di masa hadapan yang dapat mewujudkan kesinambungan budaya hidup
3. Mendidik masyarakat umum dan profesional akan kepentingan memahami warisan alam bina dari perspektif potensinya untuk mewujudkan perkembangan positif.

Aktiviti dan Pencapaian KALAM 2007

Bermula dengan hanya dokumentasi Lukisan Terukur para pelajar Jabatan Senibina, KALAM kini telah mempelbagaikan aktiviti melalui pelbagai penyertaan pameran, pengajuran seminar, penulisan akademik dan perundingan di samping penglibatan yang aktif daripada ahli-ahlinya.

Center for the Study of the Built Environment of the Malay World (KALAM) has been established more than ten years ago. It was officiated by Her Majesty Sultanah Zanariah, Chancellor of the university on 15 August 1996. KALAM has been established based on the concern of staffs of Department of Architecture and Faculty towards Malay architectural heritage.

Vision of KALAM

As the central reference for the Architectural Theory and History in South East Asia

Function of KALAM

To provide information that will benefit towards better local development and building design in the context of sustainable Malay cultural built environment

Objectives of KALAM

1. To document buildings and other built environment aspects for the purpose of understanding the factors that influence the design
2. To analyse in articulate the historical data in order to identify the aspects of built environment heritage that can be assimilate and adapt in building and built environment design of today's and in the near future towards sustainable cultural lifestyle
3. To educate the public and the professionals on the importance of understanding the heritage of built environment from the perspective of its positive potential for development.

Activity & Achievement of KALAM 2007

KALAM has been successfully active with not just the documentation of Measured Drawing as it initially started but expanding its achievement through numerous exhibition participation, seminar, academic writing and consultations by its committed participation from its members.



Pameran

Penyertaan pameran anjuran komuniti senibina tempatan dan luar negara merupakan salah satu pelantar perkongsian ilmu alam bina kepada masyarakat yang telah dijalankan oleh ahli-ahli KALAM.

Exhibition

KALAM's numerous participations in local and international exhibition were viewed as one of the platform to share and educate the community on built environment.

Pameran bertempat di Majlis Perbandaran Seremban, 20 Januari 2007.

Exhibition at Majlis Perbandaran Seremban on 20 Januari 2007.

Pameran bertempat di Muzium Negeri Sembilan, 7 Februari 2007.

Exhibition at Muzium Negeri Sembilan on 7 Februari 2007.

Pameran Asia Pacific Geomancy Conference bertempat di KLCC, 20 – 22 Julai 2007

Exhibition at Sekolah Menengah Selesa Jaya on February 2006.

Pameran bertempat di Taylor's College, Petaling Jaya pada 9 Ogos 2007.

Exhibition at Taylor's College, Petaling Jaya on 9 Ogos 2007..

Penulisan Akademik

Selaras dengan objektif KALAM selaku pendidik masyarakat, penulisan akademik secara aktif turut dilaksanakan.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Wakaf , 12 Julai 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Kampung Lut, 19 Julai 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Kampung Keling, 2 Ogos 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Kampung Tuan, 9 Ogos 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Dato' Undang Kamat, 16 Ogos 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Papan, 30 Ogos 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Papan, 30 Ogos 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Masjid Lama Lenggeng, 6 September 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Utusan Malaysia, Istana Tengku Anjang Zahab, 13 September 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, Barracks Are Better, 28 Januari 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, All Height And No Depth, 25 Februari 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, Better Education Throguh Architecture, 18 Mac 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, Where's The Public Space, 15 April 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, Building Better Libraries, 13 Mei 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, Building Friendler Mosque, 22 Julai 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, Whither Academic? 26 Ogos 2007.

Profesor Dr. Mohamad Tajuddin bin Mohamad Rasdi, Star, "Up close and personal " 21 October 2007.

Seminar

Pusat KALAM telah menganjurkan seminar seperti berikut :

Tajuk : Stesen – Stesen Keretapi di Malaysia
Tempat : Dewan Kuliah, Fakulti Alam Bina

Tajuk : Architecture & Nation Building
Tempat : Taylor's College, Petaling Jaya

Intellectual Discourse

Beberapa siri intellectual discourse telah diadakan seperti berikut :

Siri 1

Speaker : En. Fawazul Khair Ibrahim
Tempat : Pusat KALAM, Fakulti Alam Bina

Siri 2

Speaker : Prof. Dr. Wan Zawawi bin Ibrahim
Tempat : Pusat KALAM, Fakulti Alam Bina

Siri 3

Speaker : Prof. Dr. Wan Zawawi bin Ibrahim
Tempat : Dewan Senat, UTM

Penerbitan Media

Penerbitan media di :

Astro – Prima8

Prof. Dr. Mohd. Tajuddin bin Mohd Rasdi
Expose Masjid - Julai 2007

TV3

Prof. Madya Zakaria bin Mohd. Yusof
Isu Berkaitan Buruh Asing - Oktober 2007

Pusat Inovasi Perancangan dan Pembangunan Center for Innovative Planning and Development

Pusat Inovasi Perancangan dan Pembangunan (CIPD) ini adalah sebuah pusat kecemerlangan (*Centre of Excellence*) yang melibatkan aktiviti penyelidikan dan pembangunan dalam bidang alam bina amnya dan perancangan serta pengurusan bandar yang mampan khususnya. Pada tahun 2007, pusat ini diperluaskan bidangnya daripada perancangan luar bandar sahaja (semasa di bawah Pusat Perancangan Luar bandar ataupun (*Rural Planning Centre*) kepada bidang kerja perancangan, urustadbir dan pembangunan bandar yang lebih menyeluruh dan penjenamaan semula untuk memenuhi keperluan dan permintaan pembangunan kini.

Visi

Mencapai wawasan dan visi fakulti dan universiti untuk menjadikan pusat sebagai sebuah pusat penyelidikan yang mencapai tahap antarabangsa. Visi pusat sekarang adalah:

“Untuk menjadi sebuah pusat penyelidikan dan pembanguna bertaraf antarabangsa.”

Misi

Untuk mencapai matlamat yang telah digariskan, langkah-langkah dibawah harus dilaksanakan:

1. Membangunkan pengetahuan berinovatif dan berteknologi dalam pembangunan alam sekitar.
2. Penyelidikan bersama dengan pusat pengajian tempatan dan antarabangsa untuk mencapai pembangunan mampan.
3. Mengembangkan pengetahuan dan kepakaran dalam bidang perancangan berinovatif.

Fungsi

Aktiviti-aktiviti yang akan dijalankan pusat setelah penjenamaan semula adalah seperti berikut:

- a) Penyelidikan dan Pembangunan
- b) Latihan Program Profesional
- c) Seminar and Worksyop
- d) Penulisan
- e) Perundingan
 - Projek Antarabangsa (e.g. UNDP, ADB, etc.)
 - Projek Kerajaan Pusat
 - Projek Kerajaan Tempatan
 - Projek Syarikat Swasta

Centre for Innovative Planning and Development(CIPD) is one of the faculty's *Centres of Excellence* which involve in R & D in the field of built environment in general and sustainable urban planning and management in particular. In 2007, the centre revised the Centre's name from "Centre for Rural Planning" to "Centre for Innovative Planning and Development" (CIPD) to enlarge the scope of activities beyond rural planning. It encompasses all aspects of planning, development and governance in order to meet the present demand and challenges.

Vision

The centre's new name necessitates a redefinition of the vision. The new vision is in alignment with the aspiration of the faculty and the university to be a leading research university and to achieve a world-class university stature. The vision of the centre is now:

“To be a leading international research centre of innovative planning and development in built environment.”

Mission

To achieve the vision of the centre, the following statements of purpose are outlined:

1. Develop innovative knowledge and technology in built environment.
2. Collaborate with local and international research institutes to promote sustainable development
3. Disseminate experience and knowledge of innovative planning.

Function

The core activities of the centre are as follow after the rebranding of the centre.

- a) Research and development
- b) Professional training
- c) Seminar and Workshop
- d) Publication
- e) Consultancy
 - International project (e.g. UNDP, ADB, etc.)
 - Project from Federal government
 - State government and Local government.
 - Private sector projects

Objektif

Objektif dan justifikasi pusat adalah seperti dibawah:

1. Untuk menyediakan kualiti yang tinggi, kepelbagaian disiplin dan kepelbagaian kaedah untuk menjalankan penyelidikan dalam bidang alam sekitar.
2. Untuk memajukan pengetahuan berinovatif, teknologi terkini dan penyelesaian polisi untuk pembangunan mampan.
3. Untuk merapatkan hubungan dari segi penyelidikan bersama antara ahli-ahli akademik dan penyelidik tempatan dan antarabangsa.

Aktiviti dan Pencapaian Pusat Inovasi Perancangan dan Pembangunan

Seminar

Pusat Perancangan Luar Bandar telah menganjurkan seminar seperti berikut :

Tajuk : *Intelligent Public Transport in Seoul, Korea*
Tarikh : 13 Februari 2007

Tajuk : *International Conference on Sustainable Development and Planning Issues in Developing Countries.*
Tarikh : 5 April 2007

Tajuk : *Seminar On The Planning of Iskandar Development Region.*
Tarikh : 22 Ogos 2007

Tajuk : *Challengers Of The World Heritage Site In Hiroshima*
Tarikh : 4 September 2007

Tajuk : *The 3rd Seminar of JSPS-VCC Core University Program on Research Group 7.*
Tarikh : 10 – 11 September 2007.

Objectives

The objectives of the centre are:

1. To provide high quality and quality research in the field of built environment.
2. To promote innovative knowledge and state of art technology in carrying out sustainable development.
3. To promote and strengthen collaboration between academicians, local and researchers.

Penyelidikan/Perundingan

Penyelidikan dan perundingan Pusat Perancangan Luar Bandar :

Prof. Dr. Supian bin Ahmad, Thermal Comfort in Existing terraced Houses in Malaysia : Energy-Saving Strategies To Reduce The Use Of Air-Conditioners.

Prof. Dr. Ho Chin Siong, Modelling Quality Of Life Using Data Envelopment Analysis.

Prof. Dr. Ho Chin Siong, Kajian Geo-bencana di Malaysia – Banjir, tanah runtuh dan kebakaran hutan.

Prof. Dr. Ho Chin Siong, Gated and Guarded Community Study.

Koleksi Lukisan Terukur 2007

Teras utama KALAM merupakan aktiviti dokumentasi bangunan-bangunan lama bercirikan pelbagai keunikan senibina tanahair melalui kerja-kerja Lukisan Terukur para pelajar Jabatan Senibina. Koleksi dokumentasi kini mencecah 350 yang merangkumi rekod senireka bangunan seperti rumah kediaman, istana, masjid, bangunan awam, bangunan komersil, wakaf, madrasah, sekolah dan makam. Bagi koleksi lukisan terukur sepanjang tahun 2007, 18 buah Stesen Keretapi dan 2 bangunan telah didokumentasi seperti senarai berikut:

Collection of Measured Drawing 2007

Documenting heritage buildings with distinctive character of our local architecture through student's Measured Drawing exercise has been the core programme of KALAM. The numerous listed collection has now reached 350 units which include drawings of heritage residentials, palace, mosque, public buildings, commercial buildings, shelters, school and mausoleum. In 2007, Eighteen units of railway station and 2 units of building has been recorded as listed follow:

Kategori	Category
Stesen Keretapi	Railway Station
Nama Bangunan / Pemilik Name of Building/ Owner	Lokasi Location
Stesen Keretapi Tanjung Pagar Tanjung Pagar Railway Station	Singapura
Stesen Keretapi Kluang Kluang Railway Station	Johor
Stesen Keretapi Gemas Gemas Railway Station	Negeri Sembilan
Stesen Keretapi Kelang Kelang Railway Station	Selangor
Stesen Keretapi Sentul Sentul Railway Station	Kuala Lumpur
Stesen Keretapi Tapah Road Tapah Road Railway Station	Perak
Stesen Keretapi Taiping Taiping Road Railway Station	Perak
Stesen Keretapi Sungai Petani Sungai Petani Road Railway Station	Kedah
Stesen Keretapi Alor Setar Alor Setar Road Railway Station	Kedah
Stesen Keretapi Padang Besar Padang Besar Road Railway Station	Perlis
Stesen Keretapi Bahau & Mentakab Bahau & Mentakab Road Railway Station	Negeri Sembilan & Pahang
Stesen Keretapi Kuala Lipis Kuala Lipis Road Railway Station	Pahang
Stesen Keretapi Gua Musang Gua Musang Road Railway Station	Kelantan
Stesen Keretapi Kuala Krai Kuala Krai Road Railway Station	Kelantan
Stesen Keretapi Tanah Merah Tanah Merah Road Railway Station	Kelantan
Stesen Keretapi Bukit Bendera Bukit Bendera Road Railway Station	Pulau Pinang
Stesen Keretapi Kuala Lumpur Kuala Lumpur Road Railway Station	Kuala Lumpur
Stesen Keretapi Seremban Seremban Road Railway Station	Negeri Sembilan
Bangunan Bengkel Keretapi Sentul Railway Sentul Workshop Building	Kuala Lumpur
Bangunan Ibu Pejabat KTMB Main Office KTMB Building	Kuala Lumpur

Projek Perundingan Consultancy Project

Fakulti Alam Bina bergerak aktif di dalam menjalankan projek perundingannya melalui kerjasama yang dibuat antara pihak universiti, badan awam, badan-badan kerajaan, majlis tempatan, badan bukan kerajaan dan pihak berkuasa tempatan. Berikut adalah senarai projek perundingan sepanjang tahun 2007 lalu dan juga projek yang masih dijalankan:

The Faculty of Built Environment is actively involved in conducting consultancy projects in cooperation with universities, public administration, regional and local government, non-governmental organisations and regional development agencies. The following are the list of consultancy work in year 2007 according to project leader name:

Senarai Projek Perundingan mengikut Vot List of Consultancy Project according to Vot

Cadangan Pembangunan Taman Merdeka Fasa II Majlis Bandaraya Johor Bahru di Atas Lot PTB 19254, Mukim Bandaraya Johor Bahru, Jalan Tasek Utara (Vot 63265).

Kajian Aliran Pergerakan Pelancong (Tourist Flow) Di Negeri Johor (vot63021)

Study on The Contribution and Potential of Backpaper Tourism in Malaysia (Vot 63026)
Pelan Korporat 2006–2010 Majlis Perbandaran Sepang (Vot 63029)

Kajian Impak Sosial dan Ekonomi ke atas Rancangan Malaysia Kelapan: Program Taman Agroteknologi Negeri Selangor (Vot 63041)

Study on Auditing and Improvement of Tourism Products and Package Tours in Perak (Vot 63052).

Study on Auditing and Improvement of Tourism Products and Package Tours in Negeri Sembilan (Vot 63052)

Kajian Penilaian Kesan Program Kerajaan/Kemiskinan Negeri Selangor (Vot 63055)

Cadangan Pembangunan Landskap Sungai Mengkibol Riverine Park, Kluang, Johor (Vot 63058)

To Conduct a Study and Devise and Action Plan to Accelerate Creation of Initial Cyberjaya Critical Mass Threshold Population. (Vot 63665)

Kolam Air Panas Recreation Park Development Project, Labis, Johor. (Vot 63054)

Kajian Pelan Korporat Majlis Daerah Kuala Langat 2007 – 2010. (Vot 63029)

Cadangan Pembangunan Laman Bistari, UTM.

Study on the Effectiveness and Impact of Malaysia Year 2007 Event. (Vot 63060)

Landscape Masterplan for Cameron Highlands Municipal District. (Vot 63061)

Study on Geo-Disaster Areas in The Landuse Planning. (Vot 63668)

Landscape Masterplan for Taiping Municipal City. (Vot 63080)

Study on Gated and Guarded Community Housing.

Morphology Study for Kuala Terengganu City Area. – Data entry for the study of morphology of Kuala Terengganu. (Vot 448)

Study on the System under other legislation study related to the country and city planning “Implementation of Town & Country Planning Act in Peninsular Malaysia. (Vot 418)

Data entry for development plan in Australia & United Kingdom (Vot 452)

Kemudahan Pelancongan Taman Ekologi untuk Majlis Bandaraya Johor Bahru.

Cadangan Pembangunan Rumah Johor untuk Majlis Bandaraya Johor Bahru. (Vot63271)

Study on the Auditing and Improvement of Tourism Products and Tour Packages in Perak. (Vot63052)

Study on the Auditing and Improvement of Tourism Products and Tour Packages in Negeri Sembilan. (Vot 63053)

Study on the Auditing and Improvement of Tourism Products and Tour Packages in Pulau Pinang. (Vot 63068)

Study on the Auditing and Improvement of Tourism Products and Tour Packages in Melaka. (Vot 63075)

Program Pembangunan Pangkalan Data (GIS) Bersepadu. (Vot 63081)

Penerbitan Publication

Selaras dengan peranan sebagai penyebar ilmu dalam bidang alam bina, Fakulti Alam Bina sentiasa menggalakkan staf akademiknya untuk melibatkan diri di dalam penerbitan samaada dalam bentuk penulisan buku, jurnal dan kertas kerja seminar.

Parallel with the role to disseminate knowledge in the area of built and environment, the Faculty of Built Environment always encourage the academic staff to involve with publication either writing books, journals or conference's paper work.

Buku

Setiap tahun Fakulti Alam Bina menghasilkan penulisan buku yang diterbitkan oleh Penerbit UTM. Pada tahun 2007 terdapat tiga buah buku yang ditulis oleh staf akademik Fakulti Alam Bina telah diterbitkan. Buku-buku tersebut adalah seperti disenaraikan dibawah:

Books

Every year Faculty of Built Environment produces books that was published by 'Penerbit UTM'. In the year 2007 there were three books written by the acedemic staff of Faculty of Built Environment was published . The books are as listed below:

Prof. Madya Dr. Jamil bin Abu Bakar, Mohd Hisham bin Rasidi, Suradiah binti Labintah, Joharudin bin Haji Samion , (2007), Landskap Awam Negeri Johor.

Jurnal Alam Bina Journal of Built Environment

Fakulti Alam Bina sentiasa memastikan Jurnal Alam Bina diterbitkan setiap tahun. Pada tahun 2007, sejumlah tujuh belas (17) hasil ilmiah staf dan pelajar pasca-ijazah fakulti telah diterbitkan dalam jurnal tersebut seperti berikut:

It is the aim of the Faculty of Built Environment to publish a journal every year. In 2007, seventeen (17) academic papers written by staffs and postgraduate students were published and listed as follows;

Jurnal Alam Bina Jilid 09 No:01 2007

Prof. Dr. Ahris Yaakup, GIS As New Approach and method in Preparing and Implementaing the Development Plan in Malaysia Planning System.

Prof. Dr. Ahris Yaakup, Dr. Foziah Johar, Cik Noordini Che' Man , GIS in Development Control Process : The Case of Development Control System for City Hall of Kuala Lumpur.

Prof. Dr. Ahris Yaakup, Predicting and Simulating Future Land Use Pattern: A Case Study of Seremban District.

PM Dr. Ahmad Nazri bin Muhamad Ludin , Using Multi-Criteria Analysis to Identify Sutable Light Rail Transit Route.

PM Dr. Ibrahim bin Ngah, Komuniti Mapan : Penilaian Tahap Kemapanan Komuniti Orang Asli Temiar di Negeri Perak

Mohd Saidin bin Misnan, Pembangunan Budaya Keselamatan dalam Industri Pembinaan.

PM Dr. Ismail bin Said, Evaluating the Affordances of Fishing Community Pertaining to Functioning of Children

Dr. Mahmud Mohd Jusan, Identification of Users' Expectations in Mass Housing Using Means-End Chain Research Model

Jurnal Antarabangsa International Journal

Prof. Dr. Supian Ahmad dan Dr Muhammad Tetsu Kubota (2007) A field survey on usage of air-conditioners and windows apartment houses in Johor Bahru City (in Japanese with English summary)

PM Dr. Mohd. Hamdan Ahmad, Agung Murti Nugroho, Dilshen Remaz Ossen (2007), The Effect of Geometric Shape and Building Orientation on Minimising Solar Insolation on High-Rise Buildings in Hot Humid Climate

Jurnal Alam Bina Jilid 09 No:01 2007

Alias Rameli, Foziah Johar, Ho Chin Siong, The Effectiveness of Malaysian Planning System in Managing Housing Supply

Dr. Hairul Nizam bin Ismail, Priorities and Approaches in Planning Fro Urban Tourism in Developing Countries : A Case Of Malacca City, Malaysia

Nangkula Utaberta, Senibina Masjid Tradisional Indonesia Kajian Terhadap Sejarah, Teori dan Morfologi - Fizikal

Dr. Mohd. Rafee Majid, Hydrological Modeling of a Watershed: The effects of Land Use/Land Cover Resolution on the Simulation

PM Dr. Roslan bin Amiruddin , IDEFO, Express-G and Relational Model For Integrated Feasibility Study System for Building Project

Prof. Dr. Supian Ahmad, PM Dr. Mohd Hamdan Ahmad , A Field Experiment on the Cooling Effect of Night Ventilation in Malaysian Terraced Houses

En. Yahya Mohamad Yatim, An Evaluation of the provision of Escape Routes in High-Rise Residential buildings : Malaysian Experience

Dr Hasanuddin Lamit, Attributes of Minarets as landmarks and Its Role in the Islamic Cities

Dr. Mohd. Rafee Majid Combating Drought and Desertification in Nigeria : A Brief Evaluation of Government Policies

PM Dr. Mohd. Hamdan Ahmad, Agung Murti Nugroho, Dilshen Remaz Ossen (2007), *A Preliminary Study Thermal Comfort in Malaysia's Single Storey Terraced House.*

PM Dr. Ismail bin Said, (2007), *Evaluating Affordances of Streams and Rivers Pertaining to Children's Functioning in Natural Environment*

PM Dr. Ismail bin Said (2007), *Affordances of Ward and Garden in the Restorative Process of Hospitalized Children*

Kertas Kerja Seminar Conference Work

Bagi menyahut wawasan UTM sebagai sebuah universiti terkemuka, Fakulti Alam Bina sentiasa menggalakkan staf akademiknya aktif dalam penulisan dan pembentangan kertas kerja, seminar peringkat kebangsaan dan antarabangsa. Berikut adalah senarai penulisan dan pembentangan kertas kerja tersebut:

In order to fulfill the vision of UTM to be a leading university, Faculty of Built Environment always encourage the academic staff to be active in writing and presenting seminar papers at national and international levels. The following list of publications:

Peringkat Kebangsaan

Prof. Madya Dr. Ibrahim Ngah (Feb 2007), Pembentukan Desa Gemilang Menjelang Tahun 2020

En. Chau Loon Wai (Mei 2007), A Tale of Two City-Rigions : Different Centralities In Penang And Johor Bahru District.

En Chau Loon Wai (Mei 2007) Towards Inclusive Design For Universal Accessibility : From Cities of Disabling Spaces To Cities of Enabling Places

Prof. Dr. Amran Hamzah (Jun 2007) Rural Homestay to Enhance Tourism Experience

Prof. Dr. Amran Hamzah (Julai 2007), The Quest For World Heritage Listing : Lessons From Melaka Historic City.

Prof Dr. Amran Hamzah (Julai 2007), Kajian Mengenai Jangkaan dan Kehendak Pelancong Jepun (Remaja) Terhadap Homestay di Malaysia.

Prof Dr. Ahris Yaakup (Julai 2007), Penggunaan Sistem Maklumat Geografi (GIS) Dalam Perancangan Bandar.

Dr. Mohd Rafee Majid (Ogos 2007), The Use of Web GIS Among Local Authorities : A survey of The Contents and Level of Services

Prof. Dr. Ahris Yaakup (Ogos 2007), Integrating GIS Into Urban and Regional Planning Education in Malaysia

Prof. Dr. Ho Chin Siong (Sept. 2007), Input-Output Analysis Emersion in Working Industri.

Prof. Dr. Ho Chin Siong (Sept. 2007), Towards sustainable Society From Perspectives of Energy Conservation & Urban Structure.

Prof. Dr. Ahris Yakup (Okt. 2007), Integrating GIS Into Urban and Regional Planning Education In Malaysia.

National Level

Prof. Madya Dr. Ibrahim Ngah (Feb 2007), Pembentukan Desa Gemilang Menjelang Tahun 2020

En. Chau Loon Wai (Mei 2007), A Tale of Two City-Rigions : Different Centralities In Penang And Johor Bahru District.

En Chau Loon Wai (Mei 2007) Towards Inclusive Design For Universal Accessibility : From Cities of Disabling Spaces To Cities of Enabling Places

Prof. Dr. Amran Hamzah (Jun 2007) Rural Homestay to Enhance Tourism Experience

Prof. Dr. Amran Hamzah (Julai 2007), The Quest For World Heritage Listing : Lessons From Melaka Historic City.

Prof Dr. Amran Hamzah (Julai 2007), Kajian Mengenai Jangkaan dan Kehendak Pelancong Jepun (Remaja) Terhadap Homestay di Malaysia.

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Prof. Dr. Ahris Yakup (Okt. 2007), Integrating GIS Into Urban and Regional Planning Education In Malaysia.

PM Dr. Syed Zainol Abidin Iddid (Nov 2007), Melaka Towards World Heritage – A Planning Perspective.

Prof. Dr. Amran Hamzah (Okt 2007), Tourism Development, Governance And The Environment In Small Islands Lessons From Perhentian Kecil

En. Norazam Othman (Mac 2007), Discovering Meanings From Transcribed Interviews : Discussion on the Use of 'Content Analysis' (As the Primary Data Collection Technique)

PM Dr. Roslan Amirudin (Mac 2007), Modelling Building Projects Feasibility Study Using IDEFO, EXPRESS-Gand Relational Data Base”

En. Norazam Othman (Sept. 2007), Coding Data And Linking It To The Research's Questions : A Discussion On The Use of Computer Software In The Analysis of Transcribed Interviews

En. Mohd Saidin Misnan (Sept. 2007), Occupational Safety and Health (OSH) Management System : Towards Development of Safety and Health Culture.

En. Mohd Saidin Misnan (Ogos 2007), Pembangunan budaya Keselamatan Dalam Industri Pembinaan : Kepentingan Fungsi Kepimpinan

En. Mohd Saidin Misnan (Nov. 2007), Peningkatan Modal Insan Dalam Industri Pembinaan Menerusi Pembangunan Budaya Keselamatan

En. Mohd Saidin Misnan (Nov. 2007), Development of Safety Culture in the Construction Industry : Leadership Roles.

En. Norazam Othman (Dis. 2007), Clarity of Construction Contracts

PM. Dr. Abdullah Sani Ahmad (Feb. 2007), Pemikiran Kreatif Dalam Rekabentuk Senibina Landskap Melayu

Prof. Dr. Mohd Tajuddin Mohd Rasdi (Jun. 2007), Iskandar Development Region: A Sustainable Way Forward

PM. Dr. Ahmad Fauzi Abd. Wahab (April 2007), i. Design Concepts Using Components & Buildability ii. Modular Design Rules Workshop

Prof. Dr. Mohd Tajuddin Mohd Rasdi & PM. Dr. Syed Ahmad Iskandar Syed Ariffin (Julai 2007), Tajul Muluk : The Ancient Malay Science of Calibrating A House

PM Dr. Syed Zainol Abidin Iddid (Nov 2007), Melaka Towards World Heritage – A Planning Perspective.

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PM Dr. Syed Ahmad Iskandar Syed Ariffin (Nov. 2007), A Sustainable Way forward – Towards A Sustainable Community Architecture

PM Dr. Ismail Said (Dis. 2007), Green Infrastructure As Network Of Social Spaces For Well-Being Of Urban Residents: A Review

PM Dr. Ismail Said (Dis 2007), Vernacular Beauty Of Woodcarving And Its Placement In Malay Timber Houses: A Review

Peringkat Antarabangsa

Prof. Dr. Ahris Yaakup (Julai 2007), Computerised Planning Urban Planning and Urban Management (CUPUM 2007)

Prof Dr. Supian Ahmad (Jun&Julai 2007), Developing International Degree Program A Case Study of The SIT UTM Hybrid Twinning Program

Prof Dr. Ho Chin Siong (Nov. 2007), Planning Low Carbon Cities – The Case of Iskandar Development Region

Prof Dr. Supian Ahmad (Nov. 2007), Tackling Climate Change In The Regions : The Case of Malaysia

Dr.Muhamad Zaly Shah Muhamad Hussein (Nov. 2007), New Urbanism And Sustainable Residential Streed Design

Dr Nur Emma Mustaffa (April 2007), Partnering and Problem Resolution – The UK Construction Industry Perspective

En. Mohd Saidin Misnan (Jun. 2007), Pembangunan Budaya Keselamatan Dalam Industri Pembinaan.

En. Mohd Saidin Misnan (Jun. 2007), Isu-isu Semasa Pengurusan Keselamatan dan Kesihatan Pekerjaan Dalam Industri Pembinaan Malaysia

En. Mohd Saidin Misnan (Jun. 2007), Key Processes and Key Practices of Enablers in OSH Management System.

En. Syamsul Hendra Mahmud (Jun. 2007), Culture Change Towards Construction Safety Risks, Incidences and Injuries : Literature Review and Case Study.

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International Level

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PM Dr. Maizon Hashim (Julai 2007), IProblem Resolution Process to Avoid Disputes In Partnering Projects The UK Experience

Prof. Dr. Abdul Ghani Khalid (Julai 2007), Pendidikan Profesion Quantity Surveyor Untuk Industri Konstruksi Indonesia

En Syamsul Hendra Mahmud (Ogos 2007), Shaping a Zero Incident Construction Safety Culture.

En. Mohd Saidin Misnan (Nov. 2007), Development of Safety Culture in the Construction Industry : A Conceptual Framework

PM Zainul Hakim Mohd Zain (Feb. 2007), Ethonotany As An Integral Of Indigenous Cultural Heritage : A Case Studes on Orang Jakun and Semelai of Tasik Chini and Tasik Bera, Pahang, Malaysia

PM Dr. Ismail Said (Jun 2007), Architecture for Children Understanding Children Perception Towards Built Environment

PM Dr. Ismail Said (Feb. 2007), Evaluating the Affordances of Fishing Community Pertaining to Functioning of Children

PM Dr. Ismail Said (Jun 2007), Architecture for Children: Understanding Children Perception towards Built Environment

PM Dr. Ismail Said (Okt. 2007), Affordances of Garden towards Restorative Process of Hospitalized Children

PM Dr. Ismail Said (Nov. 2007), Green Infrastructure as Network of Social Spaces for Well-being of Urban Residents in Malaysian Towns: A Case Study in Taiping

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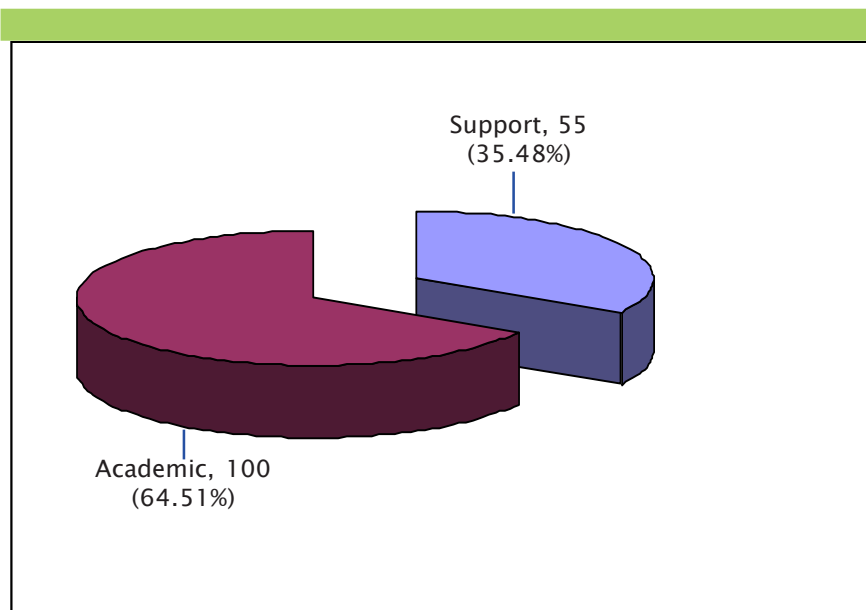
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Pembangunan Sumber Manusia Human Resource Development

Perangkaan Staf 2007

Staff Statistic 2007



Bilangan staf pada 31 Disember 2007
Staff numbers at 31 December 2007

Staf Akademik Academic Staff	100	64.51%
Staf Sokongan Support Staff	55	35.48%
JUMLAH TOTAL	155	100.00%

Pembangunan Staff Staff Development

Fakulti sentiasa menitikberatkan pembangunan stafnya melalui latihan berterusan. Menerusi kerjasama di antara pihak universiti dan pihak perunding luar, siri latihan yang diatur dibangunkan merangkumi keperluan tenaga akademik dan juga tenaga sokongan. Kursus dan latihan ini menggabungkan teori, kemahiran praktikal dan pembangunan profesional. Seramai 137 staf fakulti telah menghadiri lebih daripada 130 siri latihan yang dirangka khusus bagi menyokong pembangunan kemahiran di dalam aspek sumber manusia, pembelajaran dan pengajaran, penyelidikan dan penerbitan, teknologi maklumat dan pembangunan personaliti.

The faculty always give special focus to strengthen staffs' development through continuous training. The Faculty, in conjunction with the university and external consultant unit, developed a series of training courses for academic and support staff. These courses and training combine theory, practical skill development and professional development opportunities. A total of 137 staffs attended more than 130 training series designed to support skill development in human resources, teaching and learning, research and publication, information technology and personality development.

Jabatan	Jum. Staf Keseluruhan	Jum. Staf Aktif (%)	Jum. Staf yang Telah Menjalani Latihan	%
Department	27	24	25	100
	31	26	26	100
	12	9	9	100
Perancangan Bandar & Wilayah	30	21	22	95
Urban & Regional Planning	55	55	55	100
Senibina	155	135	137	
Architecture				

* Bilangan staf yang aktif adalah jumlah keseluruhan staf tidak termasuk jumlah staf cuti belajar dan dipinjamkan ke unit / bahagian lain.

Kenaikan Pangkat Staf Staff's Promotions

Sepanjang tahun 2007, seramai 7 orang staf telah dinaikkan pangkat ke beberapa jawatan antaranya ke Profesor, Profesor Madya dan Pensyarah Kanan. Berikut adalah senarai nama staf dan jawatan disandang.

Throughout the year of 2007, 4 staffs were promoted to various designations and posts, including Professors, Associate Professor and Senior Lecturer. The followings are the staffs and their new designations.

Profesor (VK7)

Prof. Dr. Ho Chin Siong, Prof. Dr. Amran bin Hamzah

Pensyarah Kanan (DS 52) Senior Lecturer(DS 52)

Dr. Muhammad Zaly Shah bin Muhammad Hussein, Dr. Muhammad Rafee bin Majid, En. Fawazul Khair bin Ibrahim, En. Abdul Halim Hussein, Ar. Hong Lim Foo.

**JUMLAH
TOTAL**

Perlantikan Staf Staff's Appointment

Lantikan Staf Baru Appointment of New Staff

Nama	Name	Jawatan	Post	Tarikh	Date
Cik Nafisa bte Hosni		Tutor (DA 41)		26 Jun	2007
Pn.Noordini bte Che'Man		Pensyarah (DS45)		4 Julai	2007
Cik Nafisah bte Abdul Rahiman		Pensyarah (DS 45)		5 Julai	2007
Pn.Norshikin bt Mohamad Shukery		Pensyarah (DS 45)		17 Julai	2007
Pn.Norhazliza bte Abdul Halim		Pensyarah (DS 45)		1 Oktober	2007
En. Khairul Anuar bin Bakhtiar		Tutor (DA 41)		1 Oktober	2007
Pn. Siti Hajar bte Misnan		Pensyarah (DS 45)		1 Oktober	2007
En. Mohd Hazazi bin Hamzah		Tutor (DA 41)		3 Disember	2007
Pn. Sumaiyah bt. Othman		Tutor (DA 41)		10 Disember	2007
Cik Norhuda bte Rasif		Pembantu Tadbir Rendah (N11)		18 Disember	2007

Staf Berpindah Staff Transfer

Pn. Harlina bt Halim telah berpindah ke Kolej Sains & Teknologi, UTM,KL.
Transferred to Kolej Sains & Teknologi, UTM, KL.

Cik Azura bt Baharudin telah berpindah ke Fakulti Pendidikan, UTM.
Transferred to Faculty of Education , UTM.

En.Ramli bin Ibrahim telah berpindah ke Fakulti Sains, UTM.
Transferred to Faculty of Science, UTM.

Pn Nor Sita bt Zakirai@Zakaria telah berpindah ke Fakulti Alam Bina dari Pejabat Pendaftar, UTM

Staf Bersara Retirement

En. Ahmad Tajuddin Hj. Kechik, Jabatan Perancangan Bandar & Wilayah
Department of Urban & Regional Planning

En. Mohamed Don bin Awang, Jabatan Perancangan Bandar & Wilayah
Department of Urban & Regional Planning

En. Abdul Razak bin Abul Rahman, Jabatan Senibina.
Department of Architecture

Cik Zailan bt Mohd Zain, Pejabat Dekan Fakulti.
Dean Office

PM. Dr. Mohd Sarofil bin Abu Bakar, Jabatan Senibina Landskap
Department of Architecture Landscape.

Cuti Belajar Study Leave

Sepanjang tahun 2007, seramai 4 orang staf telah diluluskan bercuti belajar Ph.D:
Throughout the year 2007, 4 staffs have commenced their Ph.D study :

Nafisah bt Hosni, Shibaura Institute of Technology, Japan – 24 Julai, 2007

Raja Marzyani bt Raja Mazlan, UTM, – 9 Julai 2007

Abdul Wahid bin Kamarulzaman, UKM, – 8 Julai, 2007

Tantish bt Kamaruddin, USM, – 16 Disember, 2007

Staf Melapor Diri Staff Report Duty

Staf kembali dari cuti belajar ialah En. Syamsul Hendra Mahmud, University of New South Wales, En. Abdul Halim bin Hussein, Universiti Teknologi Malaysia, Pn. Wan Hashimah bt Wan Ismail, Universiti Teknologi Malaysia, Dr. Khairul Anwar bin Mohd Khaidzir, University of Sheffield , Hong Lim Foo, Universiti Teknologi Malaysia

Staff reported back to faculty after their study leave :

En. Syamsul Hendra Mahmud, University of New South Wales, En. Abdul Halim bin Hussein, Universiti Teknologi Malaysia, Pn. Wan Hashimah bt Wan Ismail, Universiti Teknologi Malaysia, Dr. Khairul Anwar bin Mohd Khaidzir, University of Sheffield , Hong Lim Foo, Universiti Teknologi Malaysia

Anugerah dan Pencapaian Awards and Achievement

Hadiah Pertama First Prize

- Jabatan Senibina Landskap memenangi Pertandingan “Johor Bahru Orchid International Show 2007” Kategori Creativity Aesthetic & Buildability.
- Pertandingan pameran “Student Gold Design Competition 2007” Sempena Festival Bunga dan Flora di Putrajaya.

Hadiah Kedua Second Prize

- Jabatan Senibina Landskap memenangi Pertandingan “Johor Bahru Orchid International Show 2007”
- Pelajar Senibina memenangi Pertandingan Bridge Model Competition 2007 Bagi kategori Overall Kategori Malaysian Institute of Higher Education Level.

Hadiah Ketiga Third Prize

- International Design and Planning Competition “Ranko Radovic Student Competition “ anjuran International Federation for Housing and Planning (IFHP)(Nur Adlina Fawzi, Asmah Basherudin, Yew Wooi Seng, Mohamad Radi Rahmat, Chairul Anam Muzimum, Muhd Mustakim Abd Wahab)

Anugerah Perkhidmatan Cemerlang – Majlis Anugerah Kecemerlangan & Penghargaan UTM 2006 pada 31 Julai 2007

- Prof. Dr. Supian Ahmad
- Prof. Dr. Ahris Yaakup
- PM. Dr. Roslan bin Amirudin
- PM. Dr. Aminatuzuhariah bt Megat Abdullah
- PM. Dr. Ismail Said
- Dr. Hairul Nizam Ismail
- Dr. Mohammad Rafee bin Majid
- Dr. Hamidah bt Ahmad
- Mofti bin Marzuki
- Abu Bakar bin Zainal
- Siti Rokiah bt Sahari
- Hassan bin Sahat
- Zaharah bt Ismail

Anugerah Jasa Setia

- Prof. Dr. Ahris Yaakup
- Ahmad Tajuddin Hj Kechik
- Jasmani@Jasni bin Harun
- Rosly bin Saad
- Yusof Akmar bin Mohd Said

Anugerah Jasa Bakti

- PM. Dr. Roslan Amiruddin
- PM. Abdul Wahid Kamarulzaman
- Abdul Halim bin Hussein
- Mohammad bin Amzah
- Abu Bakar bin Zainal

Anugerah Perundingan

- Prof. Dr. Amran bin Hamzah

Anugerah Pengajar Terbaik

- Dr. Muhammad Zaly Shah bin Muhammad Hussein

Aktiviti Pelajar

Students' Activities

FAB mempunyai pelajar yang sangat aktif dan sentiasa melibatkan diri dalam pelbagai aktiviti sama ada yang berbentuk ilmiah, sukan, riadah, hiburan dan kemasyarakatan. Setiap aktiviti yang dijalankan dikendalikan bersama oleh persatuan pelajar di fakulti, pensyarah dan pihak pengurusan. Berikut adalah antara aktiviti-aktiviti pelajar sepanjang tahun 2007.

Joint Workshop on Urban Design and Conservation UTM-MSU

Seramai 15 orang pelajar dan 4 orang pensyarah dari Faculty of Architecture, Urban Design and Creative Arts, Universiti Mahasarakham (MSU) dan 2 orang pensyarah serta 19 orang pelajar Ijazah Sarjana Rekabentuk Bandar dan juga Sarjana Muda Perancangan Bandar dan Wilayah telah terlibat di dalam program ini yang diadakan di Galeri Alam Bina bermula dari 29 Ogos 2007 – 8 September 2007.

Pameran Johor Bahru Orchid International Show 2007

Jabatan Senibina Landskap telah menyertai pameran dan seminar sempena "Johor Bahru Orchid International Show 2007". Seramai 20 orang pelajar Sarjana Muda Senibina Landskap 2 orang pensyarah telah terlibat sama di dalam program tersebut pada 25 Mei – 3 Jun 2007.

Lawatan sambil belajar

Lawatan balas Program Pertukaran Pelajar di antara pelajar senibina, UTM dan pelajar dari Faculta Architectura, Universita De Bologna, Itali telah diadakan pada 28 May – 13 Jun 2007 di Universiti Bologna, Itali. Seramai 11 orang pelajar dan 2 orang pensyarah Fakulti Alam telah menyertainya.

Lawatan sambil belajar

Lawatan balas Program Pertukaran Pelajar di antara pelajar Perancang Bandar & Wilayah, UTM dan pelajar dari Sungkyunkwan University, Seoul, Korea:

2 – 7 April lawatan pelajar dari Sungkyunkwan University, Seoul, Korea ke Fakulti Alam Bina, UTM.

25 November – 4 Disember 2007 lawatan pelajar dari Fakulti Alam Bina, UTM ke Sungkyunkwan University, Seoul.

Premio Compasso Volante – Gruppo Inseime XI Edizione 2007

Jabatan Senibina telah menjadi tuan rumah didalam penganjuran Pertandingan Rekabentuk Senibina antara Institusi-institusi Pengajian Senibina Antarabangsa Edisi IX 2007 yang telah diadakan pada 14 – 19 Mac 2007. Program ini turut disertai oleh peserta dari luar negara antaranya dari Itali, China, Korea, French dan Taiwan.

XIX Architectural Workshop

Jabatan Senibina Landskap telah menyertai pameran sempena Futrajaya Flower and Garden Festival 2007 yang diadakan bersempena dengan bulan kemerdekaan Malaysia yang ke 50.

Aktiviti Ilmiah

Academic Activities

Ceramah Terbuka

Satu kuliah terbuka oleh Mr Sundra Rajoo, Sundra Rajoo Arbitration Chambers Sdn. Bhd. telah mengadakan ceramah terbuka bertajuk "The Conduct of the Arbitration Proceedings" di Bilik Seminar FAB pada 15 Januari 2007. Ceramah ini telah menarik minat pelajar Sarjana Muda Ukur Bahan dan Sarjana Muda Sains Pembinaan untuk menyertainya.

Intellectual Discourse

Prof. Shen Li Yen merupakan seorang Profesor di Hong Kong Polytechnic University dan telah dilantik sebagai Profesor Pelawat di Jabatan Ukur Bahan telah menyampaikan Intellectual Discourse bertajuk "Development of Construction Market in China (Shezhen) and the Experience-Sharing for Johor Bahru to Attract Investment" bertempat di Dewan Senat pada 30 Julai 2007.

Laporan Kewangan Financial Report

KOD	NAMA VOT	PERBELANJAANN	PERATUS
14000	ELAUN LEBIH MASA	14,420	90.1%
15000	LL FAEDAH KEGN K/TGN	48,899	742.0%
21000	PENGANGKUTAN ORANG ®	200,053	94.9%
*21000	PENGANGKUTAN ORANG (K)	37,195	82.6%
24000	SEWA MESIN FOTOSTAT	7,140	76.9%
26000	BKLN BAHAN MENTAH	995	18.0%
27000	BEKALAN & BAHAN	56,764	110.9%
28000	P'GARAAN & P'BAIKAN	28,517	62.4%
29000	PERKHIDMATAN KHTISAS	722,662	98.8%
35000	HARTA MODAL	278,127	92.7%
JUMLAH KESELURUHAN		1,331,456	95.2%

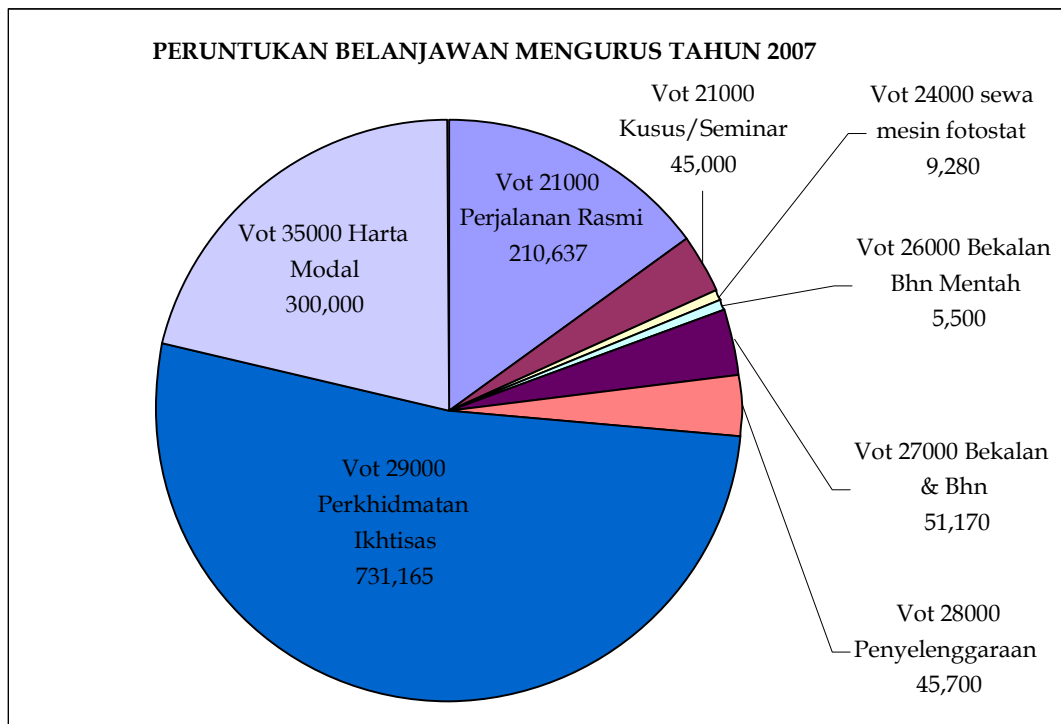
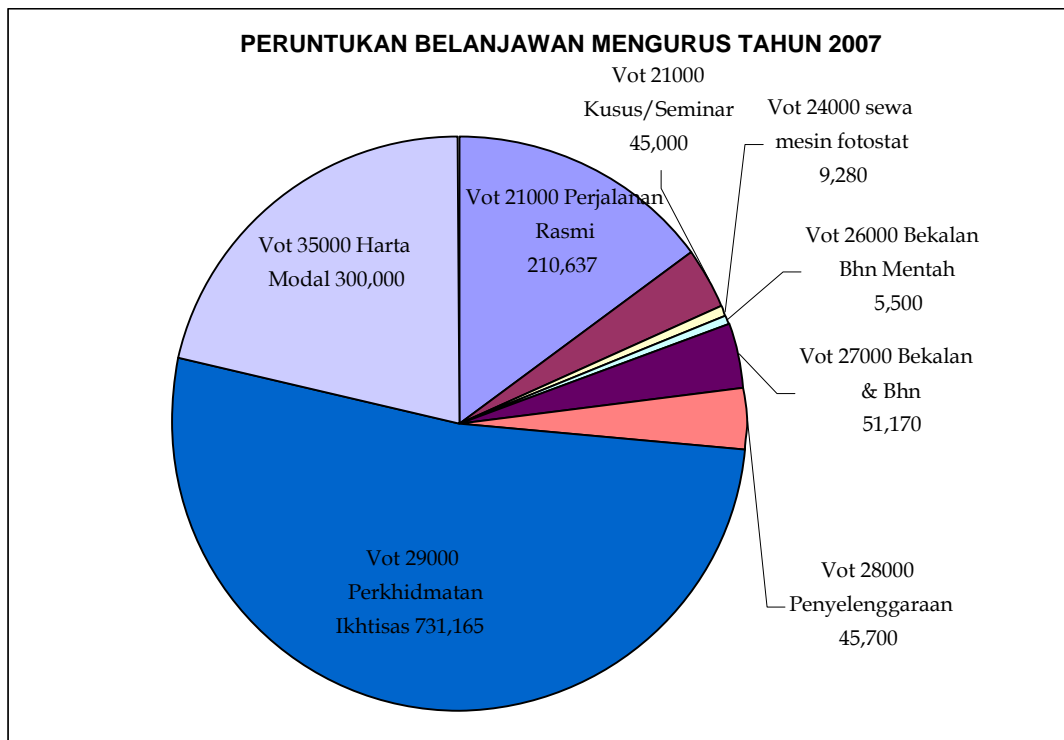
**Peratus dari peruntukan pada vot berkaitan.*

Laporan Perbelanjaan;

Pada tahun 2007 Fakulti telah diberi peruntukan untuk vot mengurus sebanyak RM700,000 dan vot harta modal sebanyak RM350,000.

Perbelanjaan Fakulti Alam Bina pada tahun 2007, tertumpu kepada vot 29000 Perkhidmatan Ikhtisas terutama dalam melaksanakan program pengantarabangsaan. Peruntukan tambahan vot 29000 bagi tahun ini adalah sebanyak RM358,815.00. Tambahan peruntukan bagi perjalanan ke luar negara adalah sebanyak RM30,000 bagi menampung dua orang staf akademik yang mengiringi lawatan pelajar ke Bologna dan Palermo, Italy.

Secara keseluruhannya Fakulti telah membelanjakan peruntukan mengurus bagi tahun 2007 sebanyak 93.99%.



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