



**ARCASIA COMMITTEE FOR ARCHITECTURAL EDUCATION (ACAE),
32nd ARCASIA COUNCIL MEETING,
Da Nang, Vietnam
16th – 17th August 2011.**

COUNTRY REPORT

MALAYSIAN ARCHITECTURAL EDUCATION

Prepared by:
Chairman,
PAM Education Committee
PERTUBUHAN AKITEK MALAYSIA (PAM)
JULY 2011

MALAYSIAN ARCHITECTURAL EDUCATION COUNTRY REPORT

July 2011

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1.0 BRIEF HISTORY OF ARCHITECTURAL EDUCATION.

- 1.1 The first architectural school in Malaysia began in a Technical School in Kuala Lumpur in 1925. The School's main objective was to train architectural technical assistants and draftsmen for the Public Works Department Malaysia (JKR) to diploma level. Higher degrees were obtained through further studies in the UK, Australia and New Zealand.
- 1.2 The School was subsequently upgraded to a Technical College and subsequently to the National Institute of Technology (ITK) in 1973. A year later 1974, it was accorded a university status, known as University of Technology Malaysia (UTM). The main campus in Jalan Semarak in Kuala Lumpur was shifted to Johor Bahru, southern most capital in Malaysia in 1980's to expand into a vast campus with faculties in engineering, business and sciences. The KL campus has remained to run postgraduate business courses and 'SPACE' programmes, which provide part-time degree studies in tertiary education for working adults.
- 1.3 Other new architectural schools followed, the Institute of Technology MARA in 1967 (now accorded university status, known as University of Technology Mara, UiTM). The other is the University of Science Malaysia (USM) in 1985 located in Penang.
- 1.4 The Malaysia Board of Architects (LAM) accredited UTM's Bachelor of Architecture degree in early 1980's, while UiTM and USM courses were given accreditation only in mid 1990's. The curricula for the 3 schools of

architecture were modeled after the British system with the 2 stage, LAM Part I and Part II qualification requirements.

- 1.5 Three new architectural schools were established in the late 1990's, the University of Malaya (UM) in 1996, the International Islamic University Malaysia (IIUM) in 1967 and the University Putra Malaysia (UPM) in 1999.
- 1.6 UM received LAM accreditation for Part I and II at the end of 2003.
- 1.7 Recently established schools of architecture are the Putra University Malaysia (UPM - since 2000) and the National University of Malaysia (UKM).
- 1.8 International Islamic University of Malaysia (IIUM) received LAM accreditation for Part I in 2006.
- 1.9 All the above universities run post graduate masters programs as well.
- 1.10 Private Universities also provides the B.Sc Degree in Architecture but yet to be accredited.
- 1.11 Other private colleges provide certificates, diplomas in Architecture, studies in building sciences and drafting courses.

2.0 ROLE OF PAM IN ARCHITECTURAL EDUCATION

- 2.1 To assist Malaysian Board of Architects (LAM) in providing further education to graduates in preparing professional Part III examination to enable them to practice in Malaysia.
- 2.2 To collaborate with Malaysian Board of Architects in CAEM (Council of Architectural Education Malaysia) to jointly conduct accreditation of institutions and monitoring of curricula.
- 2.3 To collaborate with the Ministry of Education Malaysia on matters pertaining to architectural education and Malaysia Qualifications Agency (MQA).
- 2.4 To promote architecture to the public and schools.
- 2.5 To be the reference point for public/institutions in architectural education
- 2.6 To be the platform or forum for architectural discourse.
- 2.7 To promote architectural research and publications amongst members and students.
- 2.8 Encourage students' participation in PAM with the waiving of membership fees for student members and recognising all students of architectural schools with or without accreditation.

3.0 PAM EDUCATION COMMITTEE 2010-2011 / FUNDING

- 3.1 PAM Education Committees 2010-2011:
Chairman: Ar Mohd Zulhemlee An
Committee Members: Ar Abu Zarim Abu Bakar
Ar See Kim Piow
Ar Hj Hamdan Abdul Jamal
Ar Liaw Kok Chuan

Yg Bhg Dato' Hj Mohd Fauzi Yusof
Assoc. Prof. Ar Norwina Mohd Nawawi
Asrul Affendi Bin Dato'Houd
Ar Azuan Dato' Zakariah
Ar Choong Ching Yen
Dr Julaihi Wahid
Nik Farah Elina Nik Ramzi Shah
Nik Syazwan Nik Abdul Wahab
Shahrul Kamil Yunus
Ar Zamri ismail
Assoc Prof Ar Dr Azizah Salim Syed Salim
Ar NurAkmal Goh Abdullah
Ar Dr Vadiveloo A/L S. Chinathmaby
Ar Intan Jasmine Tan Sri Ismail
Ar Hanani Mohd Zain

The executive committee members of PAM Education Committee consist of PAM Council Members. Other committee members comprise of PAM corporate members and graduate members who volunteer.

- 3.2 PAM Education Committee activities are funded by the parent institute PAM and PAM Education Fund. Other projects such as student exhibitions and workshops are funded by sponsorships.
- 3.3 PAM Education Fund (PEF) is a subsidiary of PAM with assets and income which channels proceeds for educational purposes - research, awards, travel grants etc. PAM Education Committee Chairman, by PEF Constitution would be the Vice-Chairman of PEF.

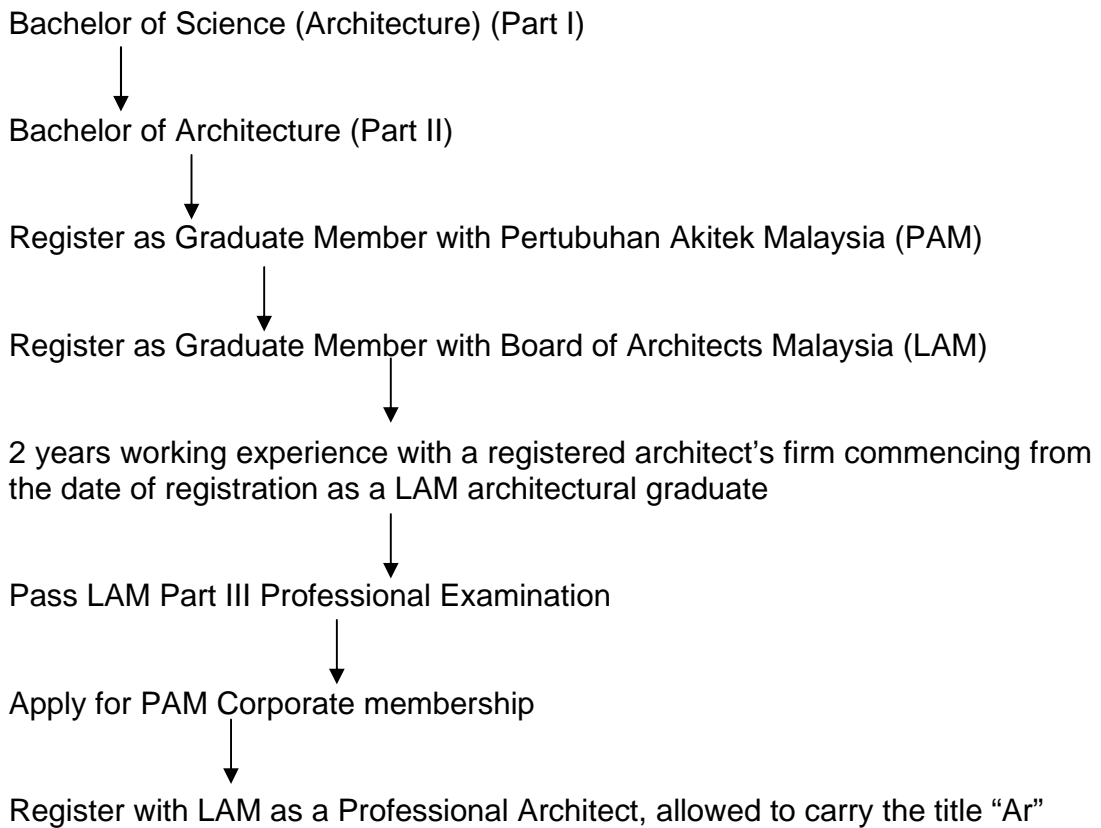
4.0 PAM CONTINUING PROFESSIONAL DEVELOPMENT (CPD) SEMINAR PROGRAM

The Continuing Professional Development (CPD) events such as seminars, workshops and Professional Practice Dialogue and the program of CPD is a life-long learning process that maintains, enhances and increases the knowledge and skills of Architects, to ensure their knowledge and ability are relevant to the needs of society.

This year the CPD Committee planned and organised more than 50 CPD seminar and the topics of the seminar include from the following categories:

- Business of architecture
- Technology
- Construction management
- Professional practice
- Heritage and conservation
- Statutory, legislation and regulation
- Contract and procurement

5.0 REGISTRATION AND LICENCE REQUIREMENT



6.0 POTENTIAL FOR STUDENT EXCHANGE PROGRAM

The Student Exchange Programme, if available, is managed by the respective school of architecture.

No.	School	Programme
1.	University Teknologi Malaysia	Academic Visit To Cambodia - Vietnam Under The Courses Of MIT 2604 And SPB 4344, 30th May To 4th June 2011
		The Short-Term Education Programme "Environmental Leader Training for Sustainable Asia", JASSO/JENESYS Programme 2010/2011 in Japan
		Academic Visit of Universitas Diponegoro To UTM, 28th Of April 2011
2.	University of Malaya	University of Malaya / National University of Singapore Joint Studio Programme On Conservation
		University of Malaya / University of Southern California Joint Studio Programme
		University of Malaya / Kyung Hee University-Korea Joint-Studio Programme
		ITB Bandung Indonesia Joint Studio Program

3.	Universiti Kebangsaan Malaysia	Visit from King Mongkutt University of Technology Thailand
		"Iswinat - Celebrating Innovation, Keep Tradition" & "Under One Roof" in Timisoara, Romania from 18 July to 4th Sept. 2011

7.0 ACCREDITATION OF SCHOOLS BY BOARD OF ARCHITECTS MALAYSIA (LAM)

7.1 BASIC CRITERIA FOR RECOGNISED SCHOOLS BY THE BOARD OF ARCHITECTS MALAYSIA (LAM)

- Duration of 5 years fulltime from A-level upon completion of Matriculation
- Not less than 150 credit hours where 2/3 are core courses and 1/3 are opted courses (excluding university required courses)
- Ratio of staff to student is not less than 1:15
 - Qualified teaching staff
 - Adequate facilities such as studios, laboratories, lecture rooms etc.
- Basic Core Courses include Architectural Design, Building Construction, Building Services, Draughting, Working Drawings, Measured Drawings, History, Theory of Design, etc.

7.2 The validation of the accreditation process is repeated every five (5) years by the Council of Accreditation and Architecture Education Malaysia (CAAEM) to all accredited schools of architecture as quality assurance.

7.3 A full list of accreditation requirement may be accessed at www.lam.gov.my.

7.4 List of accredited schools by the Board of Architects Malaysia (LAM)

- University Teknologi Malaysia
- Universiti Teknologi MARA
- University of Science Malaysia
- University of Malaya
- International Islamic University Malaysia
- Universiti Putra Malaysia

8.0 STUDENT INTERSHIP PROGRAM CONDITION

The objective of the program is to help students in gaining practical knowledge in the office and on site. It also helps in eliminating the gap between the theoretical and the practical approach to handling a project. Currently the programmes are integrated into the architecture course's curriculum.

No.	Type of school	Level	Duration	Year (Semester)
1.	Public University	Diploma/degree	6 months (1 semester)	
2.	Private University & College	Diploma/degree	6 months (1 semester)	

3.	Polytechnic	Diploma	5 months (1 semester)	5 th semester
4.	Community College	Certificate	5 months (1 semester)	3 rd semester

9.0 LIST OF UNIVERSITY

Currently there are 40 local education institutes offering architecture course and courses related to architecture at certificate, diploma or degree levels, as follows:

No.	School
1.	University Teknologi Malaysia
2.	Universiti Teknologi MARA
3.	University of Science Malaysia
4.	University of Malaya
5.	International Islamic University Malaysia
6.	Universiti Putra Malaysia
7.	University Teknologi Malaysia, City Campus
8.	Universiti Teknologi MARA, Seri Iskandar
9.	Universiti Kebangsaan Malaysia
10.	Politeknik Port Dickson
11.	Politeknik Sultan Haji Ahmad Shah
12.	Politeknik Ungku Omar
13.	Politeknik Merlimau
14.	Politeknik Sultan Idris Shah
15.	Limkokwing University of Creative Technology
16.	Taylor's university
17.	USCI University
18.	City University College of Science Technology
19.	ALFA International College
20.	International College of Twintech
21.	Geomatika International College
22.	Kuala Lumpur Metropolitan University
23.	Kolej Kemahiran MARA, Pasir Mas
24.	Kuala Lumpur Infrastructure University College
25.	Institute Technology YPJ
26.	Kolej Komuniti Arau
27.	Kolej Komuniti Bandar Darul Aman
28.	Kolej Komuniti Kepala Batas
29.	Kolej Komuniti Tapah
30.	Kolej Komuniti Teluk Intan
31.	Kolej Komuniti Sabak Bernam
32.	Kolej Komuniti Tg Karang
33.	Kolej Komuniti Jempol
34.	Kolej Komuniti Jasin

35.	Kolej Komuniti Segamat
36.	Kolej Komuniti Segamat 2
37.	Kolej Komuniti Kuantan
38.	Kolej Komuniti Kuala Terenganu
39.	Kolej Komuniti Kuching
40.	Kolej Komuniti Bentong

10.0 KEY ISSUES IN ARCHITECTURE EDUCATION IN MALAYSIA

- 10.1 The various universities are encouraged to seek their own niche specialization in curricula towards excellence in Design, Technology, Vernacular History, Islamic Designs etc.
- 10.2 Promotion of vernacular/ local architecture as against global, westernized versions of architecture.
- 10.3 Information technology, networking, e-submissions.
- 10.4 To promote and inculcate the values of 'sustainability' in architecture to students of architecture

11.0 FUTURE PLANS

- 11.1 Encourage students to be more involved in PAM and its activities.
- 11.2 Encourage all schools to establish their student's association.
- 11.3 Staff and Student exchange programmes and credit transfers between local and foreign universities.
- 11.4 To encourage experienced practitioners to be involved in teaching professional practice and project managements at universities.
- 11.5 To ensure all architecture students studying in any Architecture Schools in Malaysia or any Malaysian architecture students studying oversea should be PAM members.