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Technology Management
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Academic Background

Ph.D. School of Housing Building and Planning, Universiti Sains Malaysia, Penang, Malaysia, Project Management, 2011
M.S. Loughborough University of Technology, United Kingdom, Loughborough, Leicestershire, Construction Management, 1994
B.Sc. (Hons) Bolton Institute of Higher Education, United Kingdom, Bolton, Lancashire, Civil Engineering, 1986

Certifications

Basic Teaching Certificate (Sijil Perguruan Asas), 1990 (1990)

Memberships

Project Management Institute (PMI), 2015
Graduate Member, Board of Engineers Malaysia, 1987
Graduate Member, Institution of Engineers, Malaysia, 1987

WORK EXPERIENCE:

Academic Experience

National

Lecturer, Universiti Utara Malaysia (2001 - Present), Sintok, Malaysia-Kedah. School of Information Technology, Faculty of Technology Management, College of Business
Principal Lecturer, Politeknik Sultan Abdul Halim Mu'adzam Shah (1987 - 2001), Jitra, Malaysia-Kedah. Civil Engineering Department
Examinations Department

Non-Academic Experience

National

Training Civil Engineer, Ministry of Works Malaysia (August, 1986 - July, 1987), Kangar, Perlis, Malaysia. Drainage & Irrigation Department

TEACHING:

Courses Taught

Courses from the Teaching Schedule: Construction Technology, Construction Technology and Innovation, Entrepreneurship, Management Ethics, Management and Building Maintenance, Personal Financial Planning, Planning and Project Control, Project Cost and Value Management, Project Management, Project Management, Project Planning and Scheduling, Technology Management 2, Tender Management and Assessment, Thinking Skill

Courses taught, but not in the Schedule:

BJTC 5243 PROJECT COST AND VALUE MANAGEMENT, BJTH 5035 PROJECT MANAGEMENT, BJTC 3023 TENDER MANAGEMENT AND ESTIMATION

INTELLECTUAL CONTRIBUTIONS:

Grid

Category	BDS	AIS	TLS	Total
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Articles in Refereed Journals	2	4		6
Publications in Refereed Conference Proceedings	16			16
Research Report, Non-Refereed	1			1
Grants - Funded (both refereed and non-refereed)	2			2
Other Research, Refereed and Publicly Available		1		1
Totals	21	5		26

Refereed Articles

Mohd Nawi, M. N., Abdul Nifa, F. A., & Bahaudin, A. Y. (2015). Payment Issues in Malaysia Industrialised Building System (IBS): Literature Visit. *Advances in Environmental Biology*, 9 (4), 185-188.

Abdullah, C. S., Bahaudin, A., Mohd Nawi, M. n., Baluch, N. H., & Mohtar, S. (2015). IMPLICATIONS OF TECHNOLOGY TRANSFER IN THE DESIGN AND CONSTRUCTION OF LOADBEARING MASONRY BUILDINGS. *Jurnal Teknologi*, 77 (5), 127-134.

Chyad Alkafagi, A., Romli, R., Bahaudin, A., Alekam, J. M., & Mohammad Salameh, A. (2015). Actual Transaction Behavior of Internet Banking Services among Iraqis Customers Using PLS Approach. *International Journal of Scientific and Research Publications*, 5 (2), 1-9.

S.R Nadarajan, S., chandren, S., Bahaudin, A., Mohamed Elias, E., & Mohd Nawi, M. N. (2015). Corporate Governance and Operations Performance Inventory Study on Malaysia Listed Firms. *International Journal of Supply Chain Management (IJSCM)*, 4 (2), 68-71.

Mohd Saifudin, A., Zainuddin, N., Bahaudin, A. Y., Zalazilah, M. H., & Jamaludin, R. (2015). Student's Employability Opportunities Through Simulation in Logistics and Transportation. *Journal of Technology and Operations Management*, 10 (2), 1-8.

Bahaudin, A. Y., Elias, M. E., & Mohd Saifudin, A. (2014). A Comparison of Green Building's Criteria. *E3S Web of Conferences*, 3 (01015), 1-10, doi: dx.doi.org/10.1051/e3sconf/20140301015.

Refereed Proceedings

Full Paper

Bahaudin, A. (2014). Determinants of Materials Shortages Effecting Supply Chain " Review on Semiconductor Manufacturing. *International Conference on Innovation Drive Supply Chain 2014 (ICIDSC 2014)*.

Bahaudin, A. (2014). The Mediating Effect of MIS on Warehousing HCM and Efficiency in Small and Medium Enterprises (SMEs). *Knowledge Management International Conference (KMICE)*.

Bahaudin, A. (2013). PEMANTAUAN DAN KAWALAN PROJEK YANG BERKESAN. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). A Review of Fragmentation Issue in Construction Industry. *3rd International Building Control Conference (IBCC) 2013*.

Bahaudin, A. (2013). ACUTE MATERIALS WASTE AND POLLUTION IN CONSTRUCTION. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). KELEWATAN PEMBAYARAN KEPADA KONTRAKTOR. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). MASALAH PEMBINAAN JAMBATAN MENGGUNAKAN TEKNOLOGI SEGMENTAL BOX GIRDER. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). PENGGUNAAN TEKNIK PERANCANGAN OLEH KONTRAKTOR PEMBINAAN. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). PENGURUSAN KESELAMATAN DAN KESIHATAN PEKERJA YANG EFEKTIF DI TAPAK BINA. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). PENGURUSAN PENYELENGARAAN DEWAN PENGINAPAN PELAJAR (DPP). *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). PENGURUSAN PENYELENGARAAN DEWAN PENGINAPAN PELAJAR (DPP). *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). SISTEM PENGURUSAN PENYENGGARAAN BANGUNAN UUM. *Simposium Pengurusan Teknologi, Operasi dan Logistik*.

Bahaudin, A. (2013). MASALAH KEKURANGAN PADA FASA REKABENTUK DAN KESANNYA TERHADAP PENYELENGGARAAN. Simposium Pengurusan Teknologi, Operasi dan Logistik.

Bahaudin, A. (2012). An Overview of the Green building's Criteria: Non Residential New Construction. 3rd International Conference of Technology Management (ICTOM).

Bahaudin, A. Y., Mohamed Elias, E., Dahalan @ Omar, H., & Jamaludin, R. (2012). Construction Cost Control:A Review of Practices in Malaysia. International Conference on Technology and Operations Management.

Bahaudin, A. (2012). Technology Transfer - Design and Construction of Loadbearing Masonry Building. National Conference on Knowledge Transfer.

Grants

Funded

2012: Bahaudin, A., Romli, R., Zainuddin, N., Mohamed Elias, E., & S.R. Nadarajan, S. Green Building Performance Awareness And Sustainability: Criteria Assessment And Development, Universiti.

2012: Abdullah, Ir. Che Sobry, Mohamed Udin, Z., Mohtar, S., Bahaudin, A. Y. , Mohd Nawawi, M. N., Zulhumadi, Faisal, Mohammed Kamaruddeen, Ahmed Technology Transfer-Design and Construction of Loadbearing Masonry Buildings, Co-Investigator, GOV-Malaysia Ministry of Higher Education. 01-09-2012 - 27-02-2015. In progress (additional time).

Research Reports

2011: Bahaudin, A. Y., Developing a Preventive Cost Control Model Utilising Early Warnings and Risks., submitted to Universiti Sains Malaysia.

Intellectual Contributions-Other

Applied or Integrative/application Scholarship

2011: , , . PhD Completed

SERVICE:

Service to the Profession

Invited Lecture

2014: MARA-DPMM on Microsoft Project 2013, Kangar, Malaysia.

2014: Mydin Hypermarkets_ Project Management, Kuala Lumpur, Malaysia.

2004: Politeknik Sultan Abdul Halim Mu'adzam Shah, Jitra. Planning using CPM for Construction Projects

2001: Ministry of Works, JKR Penang. Planning using CPM & Cost Control/Cash Flow Procedures for Contractors

2000 – 2001: TUDM, Institute Teknologi Aerospace. Problem Solving using Critical Path Method CPM/PERT

2000: Ministry of Works, JKR Kuantan. Project Management

2000: Ministry of Works, JKR Johor. Planning using CPM & Cost Control/Cash Flow Procedures for Contractors

2000: Ministry of Works, JKR Alor Star. Planning using CPM & Cost Control/Cash Flow Procedures for Contractors

1999: Ministry of Works, JKR Kuala Terengganu. Planning of Construction Projects

Presentation

1999: Ministry of Works, JKR Kangar. Planning of Construction Projects

1998: MADA Training Centre. Understanding and Interpreting Engineering Drawings

1998: Ministry of Works, JKR Alor Star. Planning of Construction Projects

1997: MADA Training Centre. Site Supervision

1991: Jabatan Kerja Raya, Kangar Perlis. Road Pavement Design and California Bearing Ratio Tests

Faculty Development

Research-Related Conference/Seminar

2001: 8th International Conference on Translation, Kuah, Langkawi, Malaysia-Kedah.

Professional Seminars / Workshops

2013: ITrain Microsoft Project 2010, Kuala Lumpur, Malaysia.

2003: The Greening and Sustainability in Buildings, Palace of Golden Horses, Kuala Lumpur, Malaysia-Selangor.

2002: Construction Conference 2002 (in conjunction with MALBEX & ICW 2002), Mines Exhibition Centre, Kuala Lumpur, Malaysia-Selangor.

1999: Professional Development Advanced Construction Management, UTM, Mint Hotel, Kuala Lumpur, Malaysia-Selangor.

1991: Site Investigation, Ipoh, Malaysia-Perak.

1989: Concrete and Structures- 'Concrete Durability' Premier Conference, Merlin Hotel, Kuala Lumpur, Malaysia-Selangor.

1988: Prestressed Concrete Structures, UPM, UPM, Serdang, Malaysia-Selangor.

Honors & Awards

Award

1997: , Politeknik Sultan Abdul Halim Mu'adzam Shah. Excellent Service Award (Anugerah Khidmat Cemerlang)

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