



INTELLECTUAL PROPERTY

Research products produced by both the FKA's lecturers and researchers which had been identified to have commercial potential are as listed in table below

NO.	TITLE OF PROJECT / PRODUCT	TITLE	RESEARCHER	CO-RESEARCHER	IP	STATUS /DETAIL NATIONAL	FILING DATE
1.	Grouted Splice Sleeve System for Connecting Precast Concrete Members	Assoc. Prof. Dr.	Ahmad Baharuddin Abd Rahman	Mohd Hanim Osman A.Aziz Saim Zuhairi Abd Hamid Rofizlan Ahmad Rozaiman Hassan	Patent	Patent Pending	15 January 2010
2.	Retrofitted Flush End-Plate Connection with Built-Up Hybrid Beam Section	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang	Copyright	Copyright	31 March 2010
3.	New Concept of Cruciform Column Steel Section Formed using Universal Beam	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang	Copyright	Copyright	31 March 2010
4.	Retrofitted Extended End-Plate Connection with Built-Up Hybrid Beam Section	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang	Copyright	Copyright	31 March 2010
5.	Precast Concrete Beam and Precast Concrete Column Connector	Assoc. Prof. Dr.	Ahmad Baharuddin Abd Rahman	Mohd Hanim Osman A.Aziz Saim Lim Jee Hock	Patent	Patent Pending	8 January 2010
6.	Splice Sleeve Connector Integrated with Corrugated Aluminium Tube	Assoc. Prof. Dr.	Ahmad Baharuddin Abd Rahman	Mohd Hanim Osman A.Aziz Saim	Patent	Patent Pending	12 March 2010
7.	Acoustic Modeling Method using Markov Approach	Dr.	Zaiton Haron	Khairulzan Yahya	Patent	Patent Pending	15 April 2010



NO.	TITLE OF PROJECT / PRODUCT	TITLE	RESEARCHER	CO-RESEARCHER	IP	STATUS /DETAIL NATIONAL	FILING DATE
8.	Design 1 : Connection System	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang Nordin Yahya	Industrial Design	Industrial Design	30 June 2010
9.	Design 2 : Connection System	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang Nordin Yahya	Industrial Design	Industrial Design	30 June 2010
10.	Design 3 : Connection System	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang Nordin Yahya	Industrial Design	Industrial Design	30 June 2010
11.	Design 4 : Connection System	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang Nordin Yahya	Industrial Design	Industrial Design	30 June 2010
12.	Design 5 : Connection System	Prof. Ir. Dr.	Mahmood Md Tahir	Arizu Sulaiman Shek Poi Ngian Tan Cher Siang Nordin Yahya	Industrial Design	Industrial Design	30 June 2010
13.	Construction Quality Cost Matrix (CGCM)	Assoc. Prof. Ir. Dr	Rosli Mohamad Zin	Muhktar Che Ali Ahmadon Bakri	Copyright	Copyright	28 July 2010
14.	An Automated Decision Support System for Determining Optimum Rain Gauge Network	Prof. Dr.	Zulkifli Yusop	Goh Yee Cai	Copyright	Copyright	28 July 2010
15.	IBS Construction Safety Assessment Tool(iCAST)	Dr.	Ahmadon Bakri	Rosli Mohd Zin Wahid Omar Azlan Ab Rahman Muhktar Che Ali	Copyright	Copyright	2 August 2010
16.	A Soil Hook System in Sea Wall	Prof. Dr.	Khairul Anuar Kassim	Hamed Niroumand	Patent	Patent Pending	21 May 2010
17.	Method for Predicting Uncertainty of Sediment Loads	Dr.	Supiah Shamsudin	Irma Noorazurah Mohamad Azmi Ab Rahman	Patent	Patent Pending	10 June 2010
18.	Reinforcement Bar Splicing System	Assoc. Prof. Dr	Ahmad Baharuddin Abd Rahman	Izni Syahrizal Ibrahim Ling Jen Hua	Patent	Patent Pending	15 June 2010



NO.	TITLE OF PROJECT / PRODUCT	TITLE	RESEARCHER	CO-RESEARCHER	IP	STATUS /DETAIL NATIONAL	FILING DATE
19.	Grouted Splice Sleeve System with Steel Plates for Connecting Precast Concrete Members	Assoc. Prof. Dr	Ahmad Baharuddin Abd Rahman	Izni Syahrizal Ibrahim Ling Jen Hua	Patent	Patent Pending	15 June 2010
20.	Splice Joint for Precast Concrete	Assoc. Prof. Dr	Ahmad Baharuddin Abd Rahman	Loh His Yoon	Patent	Patent Pending	18 June 2010
21.	Splice Connector using Steel Pipe and Tapered Nuts for Joining Precast Concrete Wall	Assoc. Prof. Dr	Ahmad Baharuddin Abd Rahman	Abd Karim Mirasa Ling Jen Hua	Patent	Patent Pending	29 June 2010
22.	Panels Method for Predicting Construction Site Noise	Dr.	Zaiton Haron	Khairulzan Yahya	Patent	Patent Pending	13 July 2010
23.	Building Assembly System	Assoc. Prof. Dr	Abdul Kadir Marsono	Masine Md. Tap Ahmad Mahir Makhtar	Patent	Patent Pending	11 August 2010
24.	Grouted Splice Sleeve Connector	Assoc. Prof. Dr	Ahmad Baharuddin Abd Rahman	Mohd Hanim Osman A. Aziz Saim Zuhairi Abd Hamid Rofizlan Ahmad Rozaiman Hassan Shuhaimi Shaedon Norliana Manap	Patent	Patent Pending	24 August 2010
25.	System and Method for Predicting Chemical, Biological, Hydrodynamic Parameters at an Estuarine Body	Dr.	Noor Baharim Hashim	-	Patent	Patent Pending	24 September 2010
26.	Building Assembly System	Assoc. Prof. Dr.	Abdul Kadir Marsono	Dr. Masine binti Md Tap, Prof. Madya Dr. Ahmad Mahir Makhtar	Patent	Patent	11 August 2010

