

No	Lecturer name	Research Area	No	FYP Titles
1	Dr Chia Fah Choy	1. Construction economics	1	Analysis on the Availability of Digital Talent in the Malaysian Construction Industry
		2. Project management	2	Benchmarking on Digital Talent Development Initiatives of Construction Industry Against Other Industries
		3. Property development	3	Development of Digital Competence Framework for the Construction Industry
		4. Building Information Modeling	4	Readiness of Digital Transformation in the Construction Industry
			5	Building Information Modeling Strategy (BIM) and Implementation in the Malaysian Construction Industry
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2	Dr Ananthan a/ Valithern	Built Environment Organizational Behaviour	1	Exploration on Ethics Among Construction Professionals in Malaysia
		Construction Management	2	A Study on Modern Approach Towards Construction Site Management in Malaysia
		Construction Management	3	Importance of Shassic in Malaysian Construction Industry
		Measurement	4	Is Conventional Measurement Method still Needed for Quantity Surveying ?
		Property Management	5	A Study on Panahome Potential in Malaysia

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3	Dr Chan Yuan Eng	Construction Economics	1 A study on consumer purchasing behaviour and market equilibrium in relation to the medium-cost condominium market in Malaysia.
		Construction Management	2 A study on the problems and issues associated with safety issues and compliance of the OSHA (1994) Act and DOSH regulations in the Malaysian Construction Industry.
		Construction Management	3 A study on the problems and issues associated with safety issues and compliance of the Factory and Machinery Act (1967) and DOSH regulations in the Malaysian Manufacturing Industry.
		Project Management	4 A study on the effective application of project management principles in relation to the development of condominium properties in Malaysia.
		Property Development	5 A study on the problems and issues in relation to the supply and demand of low-cost housing in Malaysia.
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4	Sr Chang Khong Thong	Procurement practice	1 The effectiveness of "Project Delivery Partner" approach in the procurement of major Malaysian Infrastructure Projects.

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Ms Chong Bee Ling

QS Professional Practices	2	A study on the readiness of professional quantity surveying consultation firms in the adoption of Building Information Modeling
Measurement Practices	3	Exploring the effectiveness of CIPAA in reducing the construction disputes
Contract Administration practices	4	A study on the Employer's perception pertaining to the level of BIM competencies of quantity surveying graduates.
Construction economics	5	Analysis on the relationship of unskilled labour availability toward the adoption of advance industrialised construction technology in Malaysian Construction Industry
Building Information modelling	6	An overview on BIM ready graduates for the employment market in the Malaysian construction industry
	7	The impact of the new PAM 2018 Form of Contract on the Malaysian construction industry
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1. Project Management	1	Adoption of Sun Tzu The Art of War by Quantity Surveying Firms to increase their profitability
2. Quantity Surveying	2	Improvement of Quantity Surveyor's skills to enhance their competencies in the construction industry
3. Business Strategies	3	Factors affecting Quantity Surveying Firms' profitability
	4	Factors affecting Project Management success in Infrastructure Projects
	5	Factors affecting Project Management success in High Rise Building Projects
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**Dr Felicia Yong
Yan Yan**

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Value Management	1	Benchmarking of Value Management Adoption in the Construction Industry
Construction Law / Legal studies	2	Establishment and Enforcement of Data Governance in Construction Industry
Dispute Management and Avoidance	3	Big Data and its legal implications in the Construction Industry
	4	Importance of Data Privacy and Data Protection in The New Digital Construction Era
	5	Construction Industry Payment and Adjudication Act (CIPAA) 2012: Are Contractors Avoiding The Adjudication Process or Otherwise?
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1. Quantity Surveyor's Practice	1	The barriers of implementing Building Information Modeling (BIM) in Malaysian Contracting Firms
2. Project Management	2	Exploring the benefits of using Building Information Modeling (BIM) in Quantity Surveying Firms
3. Foreign labour issues	3	Developing the Building Information Modeling (BIM) Maturity Model for Malaysian Construction Organisation

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**Cik Ibtisam
Azwani Binti Mat
Ya'acob**

	4. Risk Management	4	Exploring the adoption of Maturity Model for Building Information Modeling (BIM) project in Malaysian Construction Industry	
		5	Exploring the Level of Development (LoD) implementation in Building Information Modeling projects by Malaysian construction players	
		6	Construction Industry Payment and Adjudication Act 2012: Consultant Perspective	
		7	Analysing the Critical Success Factor in becoming a Professional Quantity Surveyor	
		8	The importance of integrating Building Information Modeling in Quantity Surveying Syllabi: Universiti Tunku Abdul Rahman student's perspective	
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8	Ir Dr Jeffrey Yap Boon Hui	1. Project management	1	Assessing the evolving competencies of quantity surveyors
		2. Knowledge management	2	Analysing the undergraduates' experiences of built environment programmes in UTAR
		3. Construction management	3	Determining the best practices for the planning of transit-oriented development (TOD): The Malaysian context
		4. Property development	4	Exploring the key factors contributing to successful knowledge management practices in construction
			5	Revisiting the critical success factors influencing performance of Malaysian construction projects
			6	Assessing strategies towards achieving better safety and health in construction
			7	Feng shui principles in residential housing selection among Malaysian buyers
			8	Determining the attributes of residential satisfaction in Klang Valley region
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Ms Lay Pei Sin

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1. Quantity Surveyor's Practice	1	Adoption of Big Data Analytics in Construction Industry
2. Project Management	2	Exploring the importance of Big Data in Construction Industry
3. Big Data	3	Exploring the effectiveness of cost management in construction projects
	4	Exploring the potential impact and application of big data in construction industry
	5	How Big Data analytics improve efficiency of project life cycle
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Ir Dr Lee Wah Peng

Construction management	1	The strategies for reducing project delay
Construction management	2	The strategies for improving construction site productivity
Project management	3	The challenges of Industrialised building system implementation
Project Management	4	Critical success factors for project manager
Quantity surveying	5	The benefits and shortcomings of e-tendering in the construction industry

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11	Mr Leong Chung Sum	1. Construction Technology	1 Foreign construction labours and its necessity
		2. Industrialised Building System	2 The adoption of Green Building materials in Construction industry of Malaysia
		3. Building Material	3 The application of flood mitigation design in Malaysian construction industry
		4. Building Information Modeling	4 The effects of Mass Rapid Transit on connectivity in KL (how about KL or Kuala Lumpur?)
			5 Fire safety practice in malaysian high-rise building and the possible advancements
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12	Dr Lew Yoke Lian	1. Subcontracting Practice	1 Assessing the use of Information and Communications Technology systems and their impact on construction project performance

2. ICT in Construction	2	Implementation of Earn Value Analysis in Construction Projects
3. Earn Value Analysis	3	Barriers to the adoption of Earned Value in Subcontracting Management
	4	Change management reporting system during construction process: The role of subcontractors
	5	Implementation of performance measurement and forecasting on subcontractors
	6	Causal relationships of factors affecting Information and Communications Technology adoption for building project management
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1. Building Information Modeling	1	Development of Building Knowledge Information Modeling for Big Construction Firms
2. Artificial Intelligence	2	Building Knowledge Information Modeling: A Conceptual Framework for Managing Construction Claims
3. Computer application and ICT	3	Claims Management Practice and Issues in Projects Adopting Building Information Modelling
4. Supplier selection and performance management	4	Exploring the Potential of Artificial Intelligence Application in Construction Industry
	5	Exploring Advanced Computer Applications in Quantity Surveying Practices
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Mr Lim Chai Chai

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1. Contract administration	1	The adoption of ill consieved amendments within the contract documents in Malaysian construction environment and its impact on contract administration.
2. Project Management	2	The changes in the PAM 2006 Standard form of contract under Malaysian construction environment and its implications.
3. Procurement management	3	The effectiveness of the concepts within Project Management Book of Knowledge (PMBOK) towards construction project administration.
4. Global warming	4	The strength and weakness of traditional procurement approach in local construction projects.
	5	The implication of global warming towards construction time and costs for local mega projects.
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1. Construction Contract	1	Determining the constitute factors of variation in construction projects
2. Cost Analysis and Management	2	Comparison of Goods and Services Tax and Sales and Sales and Service Tax on Construction Cost
3. Project Management	3	The impact of Building Information Modeling on traditionally procured projects in Malaysia

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Sr Lim Cheng Sim

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**Puan Naziatul
Syima Binti
Mahbob**

	4	Assessment of the techniques employed by consultants in evaluation construction delays
	5	Effectiveness of Construction Industry Payment and Adjudication Act implementation in the Malaysian Construction Industry
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1.Indoor Environmental Quality	1	Assessment of Indoor Environmental Quality in Malaysian Apartment Buildings
2..Green Building	2	The chronological evolution of green buildings in Malaysia
3. Indoor Air Quality	3	Assessment of Indoor Air Quality in academic buildings
	4	Critical barriers to green building technologies adoption in existing conventional buildings
	5	Relationship between Indoor Environmental Quality and occupant's satisfaction level in green office buildings in Malaysia
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**Puan Nor Marina
Binti Rosli**

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1. Construction Contract	1	Contract Practices among small and medium (SME) sizes contractors
2. Construction Subcontracting Management	2	Building Information Modelling (BIM): trends, benefits, risks, and challenges for small and medium sizes (SME) contractors
3. Procurement	3	Subcontract management in Green Buildings
4. Quantity Surveyor Practices	4	The implementation of Asian International Arbitration Centre (AIAC) standard subcontract form among small contractors in Malaysian Construction Industry
	5	The application of Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) in measuring civil and infrastructure works in Malaysian Construction Industry
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**Puan Nur Aqlima
Binti Ramli**

1. Green Building	1	Impact of Green Office Buildings on Employees' Health and Productivity in Malaysia
2. Post occupancy evaluation	2	Impact of Green Construction on Worker's Safety and Health in Malaysian construction industry
3. Facilities Management	3	Critical success factors of Green Cleaning in Conventional buildings
4. Sustainability	4	Critical factors leading to building operation and maintenance issues in Malaysian Healthcare.
	5	Factors thwarting the implementation of Green Procurement in Malaysian construction industry

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19	Puan Nurulain Hanida Binti Mohamad Fodzi	1. IBS system/IBS Technology - Slab	1 Self compacting concrete - in terms of cost and construction time wise. Assessing the construction cost and time of self compacting concrete	
		2. Construction Management	2 A study level of implemetation and awareness on IBS system in Commercial construction project	
		3. Building Structural and Material	3 Assessing the construction cost and time of steel fiber reinforced concrete (SFRC) in Malaysian Construction Industry	
			4 Implementing total quality tools in malaysian construction industry	
			5 The impacts of the cancellation of mega construction project in Malaysia	
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20	Cik Roslinda Binti Rosly	1. Construction Law & Contract	1 A study on "Partnering" contracts in Malaysian construction industry	

2. Quantity Surveying's Practise	2	Issues of late and non-payment among contractors in Malaysian construction industry
3. Green Procurement	3	Overview on sustainable procurement in Malaysian construction industry
	4	Critical success factors on green procurement implementation in Malaysia
	5	A study on construction materials waste management practices by construction firms in Malaysia
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Qs Practice	1	Exploring the value management practice by Malaysian quantity surveyors
Construction Technology	2	Assessing the implementation of Outsourcing Services in Malaysian Healthcare.
Facilities Management	3	Evaluation of critical Success Factors of Facilities Management in Malaysian Healthcare.
Procurement	4	Analysis of Green Procurement Implementation in Malaysian Construction Industry.
	5	Analysing the challenges and benefits of Public Private Partnership (PPP) in Malaysian Construction Industry.
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Ts Dr Toh Tien Choon

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Quantity Surveying	1	Challenges facing quantity surveyors in assuming the role of building information modelling manager
Construction Management	2	Factors influencing the non-adoption of additive manufacturing technology among Klang Valley Malaysian building contractors
Construction Education	3	Factors influencing the non-adoption of green building specifications in Klang Valley Malaysia
	4	Survival strategies of Klang Valley Malaysian small and medium building contractors in a challenging economy
	5	Underlying knowledge of quantity surveying consultants in Klang Valley Malaysia
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1. Project management	1	An examination of project risk management in Malaysian construction industry
2. Agile project management	2	An investigation of project stakeholder management in Malaysian construction industry
3. Project management standard	3	An examination of project change management in Malaysian construction industry

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Mr Tung Yew Hou

	4	An exploration of agile project management in Malaysian construction industry
	5	A study of project management standard practices in Malaysian construction industry
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1. Sustainable Materials	1	Mechanical performance of plastic straw and cement composite in concrete.
2. Environmental ,Safety and Health (ESH)	2	Evaluation on the use of concrete sludge waste in concrete manufacturing plant .
3. Artificial Intelligence in Construction Industry	3	Prediction of steel price using Support Vector Machine (SVM)
4. Quality Management	4	Evaluation of Qlassic implementation in Industrialised Building System (IBS) Construction: The Malaysian Perspective
	5	Barriers to the implementation of occupational health and safety management in Malaysia small scale construction projects.
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Ms Yow Li Ping

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1. Human Resource Management	1	Current trend and future prospects of mobile applications in the construction industry
2. Quantity Surveyor's Practice	2	Implementation of social media tools in the construction workplace
3. Social sciences in construction industry	3	An analysis of text-based instant messenger usage as a communication tool among project stakeholders in the construction industry
	4	Soft skills required by quantity surveyors in today's workplace
	5	Work-family conflicts among married professional women in the construction industry
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1. Building Phatology	1	Building performance evaluation for religious buildings
2. Facility Management	2	Application of building inspection rating tools for sustainable building
3. Building Condition Assessment	3	Significance pre-purchase building inspection for house buyer
4. Customer Satisfaction	4	The significance dilapidation survey report towards stakeholder
5. Quality of Building	5	The importance of conducting pre & post construction surveys before commencement of construction activity

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**Sr Zamharira
Binti Sulaiman**

	6. Building Inspection	6	
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27	Dr Wong Phui Fung	1. Building Information Modelling	1 Potential and challenges of blockchain technology in achieving energy efficiency for buildings
		2. IT application in the construction industry	2 The application of blockchain technology in achieving environmental sustainability
		3. Quantity Surveying Practices	3 Developing a decision making tool for heritage buildings refurbishment
		4. Sustainability Development in Built Environment	4 Assessing barriers and opportunities of implementing green campus
		5. Project Management	5 Evaluating satisfaction level of quantity surveyors in using building information modeling (BIM) software
			6 Analysing the challenges and opportunities of using blockchain technology in construction industry
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28	Ms Kiu Mee San	1. Construction Economics	1 The potentials and challenges of Blockchain application in Malaysian Construction Industry.

2. Project Management	2	A study on potentials and challenges of Blockchain application in construction supply chain management.
3. Quantity Surveying Professional Practices	3	A study on the potentials and challenges of Quantity Surveyors to work from home.
4. Blockchain technology in construction	4	The evolving roles of quantity surveyor following the evolution of technology.
	5	A study on potentials and challenges of Blockchain application in property management.
	6	A study on potentials and challenges of Blockchain application in Building Information Modelling (BIM).
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1. Construction Management	1	Exploring the elements of poor supervision skills among supervisor in the construction industry
2. Waste Management	2	Exploring the behavioral based factors of site workers towards the waste management in the construction industry
3. Operational Safety Management	3	Assessing organisation's safety culture level and practises in construction industry based on Safety Culture Maturity Model
	4	Assessing barriers and implications in developing a safety culture in construction industry
	5	Exploring the safety assessment tools to mitigate workplace's risk in construction site
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30	Dr. Ooi Kean Thong	1. International Construction	1 Assessing the relationship of organizational cultural and work delay on International Contractor.
		2. Social sciences in construction industry	2 Assessing the influence of work-related factors and individual characteristics on Quantity Surveyors' practices in Malaysia
		3. Education in Build Environment	3 Job burnout among construction professionals in Malaysia
			4 The influence of behavioral and emotion of construction workers upon construction productivity
			5 Assessing the academic pressure of quantity surveying students in Malaysia
			6 Assessing the emotional intelligence among quantity surveying students in Malaysia
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31	Mr. Lim Tien Loong	1. Construction Contract	1 Changes and opportunities in the construction industry after 2018 general election
		2. Construction Law	2 The critical inline development of adjudication law with the implementation of Arbitration (Amendment) Act 2018
		3. Procurement	3 The effectiveness of statutory adjudication under CIPAA 2012 in the resolution of construction disputes in the construction industry.

		4	The application of blockchain technology in construction procurement.
		5	The impact of blockchain technology in the construction industry.
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