

MASTER OF ENGINEERING (HONOURS) MECHANICAL

Awarded by Teesside University, UK University No. Module Highest Full-time / Lecturer Qualification Part-time 1. **Aerodynamics** Dr. Tan Kim Doctor of The University of FT Piew (Chen Philosophy Sheffield Jinbiao) Wong Yuen Degree of Master National University of РΤ Siang of Science of Singapore Mechanical Engineering 2. Aeroengines and Dr. Raj Kamal Doctor of Nanyang Technological РΤ **Rocket Science** S/O Abdul Philosophy University Rasheed Degree of Master PΤ Wong Yuen National University of Siang of Science of Singapore Mechanical Engineering 3. **Applied Dynamics** Dr. Tan Kim Doctor of The University of FT Sheffield Philosophy Piew (Chen Jinbiao) National University of Wong Yuen Degree of Master РΤ of Science of Singapore Siang Mechanical Engineering 4. Calculus Dr. Raj Kamal Doctor of Nanyang Technological РΤ S/O Abdul Philosophy University Rasheed Dr. Tan Kim Doctor of The University of FT Sheffield Piew (Chen Philosophy Jinbiao) 5. FT Continuum Dr. Tan Kim Doctor of The University of Piew (Chen Sheffield Mechanics Philosophy Jinbiao) **Dynamic Analysis** Dr. Tan Kim Doctor of The University of FT 6. Piew (Chen Sheffield Philosophy Jinbiao) 7. **Electrical Principles** Dr. Lum Kum Doctor of РΤ University of Surrey Meng (Lin Philosophy in Jinming) Electronic Engineering



		Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT
8.	Employment Skills for Engineers	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Rimington Roy Victor James	Doctor of Philosophy	University of Keele	PT
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
9.	Engineering Design and CAD	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
10.	Engineering Mathematics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
11.	Fluid Mechanics	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
12.	Group Design and Build Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
13.	Group Design Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
14.	Industrial Related Group Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT



15.	Integrated Masters Engineering Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
16.	Integrated Masters Engineering Research Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
17.	Interdisciplinary Group Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
18.	Leadership and Entrepreneurship	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Rimington Roy Victor James	Doctor of Philosophy	University of Keele	PT
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
19.	Management Skills for Engineers	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
20.	Manufacturing Processes	Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT



21.	Manufacturing Systems	Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
22.	Mechanics of Materials 1	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Ng Kok Hong (huang Guofeng)	Master of Science (Mechanical Engineering)	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
23.	Mechanics of Materials 2	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Ng Kok Hong (huang Guofeng)	Master of Science (Mechanical Engineering)	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
24.	Numerical Methods for Engineers	Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
25.	Product and Assembly Design Modelling	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and	National University of Singapore	PT



			Systems		
			Engineering)		
26.	Product Design	Koh Thong	Master of	Nanyang Technological	PT
	Management	Boon (Xu	Engineering	University	
		Tongwen)			
		Ng Mun Seng	Master of Science	National University of	PT
		(Wu Minsheng)	(Industrial and	Singapore	
			Systems		
			Engineering)		
27.	Professional Skills	Dr. Kang Kok	Doctor of	National University of	PT
	for Mechanical	Hin	Philosophy	Singapore	
	Engineers	Dr. Rimington	Doctor of	University of Keele	PT
		Roy Victor	Philosophy		
		James			
		Dr. Siew Ngung	Doctor of Business	The University of	PT
		Chia	Administration	Newcastle	
		Kum Yee Lum	Master of Science	Nanyang Technological	PT
		(Gan Yulin)	(Environmental	University	
20	Duan auties of	Da Tan Kina	Engineering)	The Hadron of	
28.	Properties of Materials	Dr. Tan Kim	Doctor of	The University of Sheffield	FT
	iviaterials	Piew (Chen Jinbiao)	Philosophy	Silemeia	
		Wong Yuen	Degree of Master	National University of	PT
		Siang	of Science of	Singapore	r i
		Jiang	Mechanical	Siligapore	
			Engineering		
29.	Quality and Supply	Dr. Kang Kok	Doctor of	National University of	PT
	Chain Management	Hin	Philosophy	Singapore	
	(MEng)			3 0 7 3	
	, 0,	Koh Thong	Master of	Nanyang Technological	PT
		Boon (Xu	Engineering	University	
		Tongwen)		,	
		Kum Yee Lum	Master of Science	Nanyang Technological	PT
		(Gan Yulin)	(Environmental	University	
			Engineering)		
		Ng Mun Seng	Master of Science	National University of	PT
		(Wu Minsheng)	(Industrial and	Singapore	
			Systems		
			Engineering)		
30.	Structural	Dr. Tan Kim	Doctor of	The University of	FT
	Mechanics	Piew (Chen	Philosophy	Sheffield	
		Jinbiao)			



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		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
31.	Thermodynamics	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT