

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



		David Leong Tuk Wai	Master of Engineering (Electronic Engineering)	University of Exeter	PT
		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	РТ
		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	РТ
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	РТ
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	РТ
		Dr. Rimington Roy Victor James	Doctor of Philosophy	University of Keele	РТ
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	РТ
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	РТ
20.	Manufacturing Processes	Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	РТ
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	РТ
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and	National University of Singapore	PT



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



26.	Product Design Management	Ng Mun Seng (Wu Minsheng) Koh Thong Boon (Xu Tongwen) Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering) Master of Engineering Master of Science (Industrial and	National University of SingaporeNanyang Technological UniversityNational University of Singapore	PT PT PT
27.	Professional Skills for Mechanical	Dr. Kang Kok Hin	Systems Engineering) Doctor of Philosophy	National University of Singapore	PT
	Engineers	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
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT
28.	Properties of Materials	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
29.	Quality and Supply Chain Management (MEng)	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	РТ
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	РТ
		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



30.	Structural Mechanics	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	РТ
		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	РТ
		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	РТ