

Final Year Project Presentation Schedule (Mechatronics Engineering) August 2019

Legend	Part 2 Project	Part 1 Project
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Tuesday, 27th August 2019

No	Title	Supervisor	Co-Supervisor	Moderator	ID	Student Name	Time	Venue
7	BCI wheelchair with eye tracking control for home care use	Tan Lee Fan	Danny Ng Wee Kiat	Phua Yeong Nan	1405240	LOW HE JIUN	09:25-09:50	KB613
17	Obstacle avoidance control for an autonomous wheelchair using ultrasonic sensors	Tan Lee Fan	Danny Ng Wee Kiat	Teoh Boon Yew	1503886	Loo Chee Seong	09:50-10:15	KB613
24	Development of Surveillance and Remediation Programme for Water Quality Monitoring System	Loo Joo Ling	Danny Ng Wee Kiat	Teoh Boon Yew	1404843	TAN KWANG WEN	10:15-10:40	KB613
14	Baby Crying Detection with Machine Learning	Tee Yee Kai		Ng Oon-Ee	1604950	Liew Jia Ton	10:40-11:05	KB613
11	Automated Antenna Measurement System	Phua Yeong Nan	Danny Ng Wee Kiat	Chuah Yea Dat	1504486	Lee Jiason	11:05-11:30	KB613
3	Design of coconut peeling device	Danny Ng Wee Kiat		Phua Yeong Nan	1506953	ENG KAI YANG	11:30-11:55	KB613
4	Design of propulsion system for unmanned surface vehicle	Danny Ng Wee Kiat		Wee Sie Toon	1402327	LIM SENG AIK	11:55-12:20	KB613
3	Simulation model of a service robot for use in ROS	Danny Ng Wee Kiat		Chuah Yea Dat	1503190	Bryan Liew Shun Yi	12:20-12:45	KB613
8	Sound Localization of human service robot	Danny Ng Wee Kiat		Chuah Yea Dat	1605555	Cheong Chee Ming	12:45-13:10	KB613
21	Development of an autonomous differential drive robot base for a ROS based service robot	Danny Ng Wee Kiat		Chuah Yea Dat	1504783	Tan Hooi Joo	13:10-13:35	KB613
23	Development of a robotic arm for a ROS service robot	Danny Ng Wee Kiat		Chuah Yea Dat	1504461	Tan Jing Yi	13:35-14:00	KB613
22	Design and development of battery pack system for customize vehicles application	Chew Kuew Wai	Ng Oon-Ee	Kwan Ban Hoe	1502723	Tan Jia Sheng	14:00-14:25	KB613
12	Image Classification using Neural Network	Kwan Ban Hoe		Ng Oon-Ee	1505275	Lee Jun Wai	14:25-14:50	KB613
2	Design of hull for Unmanned surface vehicle (USV)	Kwan Ban Hoe	Danny Ng Wee Kiat	Wee Sie Toon	1407000	EEU JIAN RONG	14:50-15:15	KB613
9	Energy management for Unmanned Surface Vehicle (USV)	Kwan Ban Hoe	Danny Ng Wee Kiat	Wee Sie Toon	1507398	NG LE ANNE	15:15-15:40	KB613
10	Localization and Navigation of Unmanned Surface Vehicle (USV)	Kwan Ban Hoe	Danny Ng Wee Kiat	Teoh Boon Yew	1500541	OUI KAI YUAN	15:40-16:05	KB613
18	Defects Detection using Machine Vision Solutions	Kwan Ban Hoe	Chai Tong Yuen	Chee Pei Song	1507326	Oh Weng Sheng	16:05-16:30	KB613

Tuesday, 27th August 2019

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1	Investigation Into Single Pixel Imaging: Images Without a Camera	Chua Sing Yee	Chai Tong Yuen	Ng Oon-Ee	1503203	Au Zhishan	09:00-09:25	KB614
5	Multi-image-source tracking of moving objects	Ng Oon-Ee		Hum Yan Chai	1600707	LING NING WEI	09:25-09:50	KB614
13	Multi-image-source object tracking	Ng Oon-Ee		Hum Yan Chai	1504259	Lee Xin Yee	09:50-10:15	KB614
16	Development of an Automatic Car Parking System	Lee Jer Vui	Chuah Yea Dat	Chee Pei Song	1501261	LIM SHEN ZHEN	10:15-10:40	KB614
19	Development of a remote monitoring system for old folks home	Chuah Yea Dat	Lee Jer Vui	Chee Pei Song	1505436	Ong Wei Heng	10:40-11:05	KB614
1	Wireless human motion sensing using stretchable Near-field Communication (NFC)	Chee Pei Song	Lim Eng Hock	Tee Yee Kai	1303868	EDDY ANAK EMPAGA	11:05-11:30	KB614
5	Development of a pressure sensor for pulse detection	Chee Pei Song		Tee Yee Kai	1507018	Chai Cheung Soon	11:30-11:55	KB614
9	IoT Water Quality Monitoring System	Teoh Boon Yew	Kwan Ban Hoe	Lee Jer Vui	1502897	Chew Yui Yee	11:55-12:20	KB614
20	Design and development of Metal 3D printing material and system	Teoh Boon Yew		Lee Jer Vui	1403087	Pua Shun Jie	12:20-12:45	KB614
27	Passenger counting with face detection	Tham Mau Luen	Chee Pei Song	Chai Tong Yuen	1505028	Teoh Han Wei	12:45-13:10	KB614
6	Design of Fiber Bragg Grating Sensor Interrogation Technique	Lin Horng Sheng	Phua Yeong Nan	Chai Tong Yuen	1601936	Chan Jun Yan	13:10-13:35	KB614
10	Array Based Plug"N"Sense system for Pipeline Health Monitoring	Lin Horng Sheng	Phua Yeong Nan	Chai Tong Yuen	1504008	Hng You Yun	13:35-14:00	KB614
30	Design of Liquid Level Sensing Based on Optical Fiber Sensor	Lin Horng Sheng	Phua Yeong Nan	Chai Tong Yuen	1503472	Yew Hong Kiat	14:00-14:25	KB614
2	Alignment-Free Iris Cancelable Template Protection Scheme	Chai Tong Yuen		Hum Yan Chai	1601038	Bong Shak Leong	14:25-14:50	KB614
4	Alignment-Free Cancelable Iris Key Binding Scheme	Chai Tong Yuen		Hum Yan Chai	1503759	Ch'ng Kai Liang	14:50-15:15	KB614
29	Security Analysis and Construction of Confidence Bits on A Secured Iris Recognition System	Chai Tong Yuen		Hum Yan Chai	1502302	Yap Wei Hau	15:15-15:40	KB614
31	Secured QR Code for Secret Sharing	Chai Tong Yuen		Tee Yee Kai	1504124	Yong Ming Ping	15:40-16:05	KB614
6	Augmented Decision Making using Machine Learning Processes	Lee Jer Vui		Hum Yan Chai	1600266	LOH ZI JIAN	16:05-16:30	KB614

Other slots (please check with your supervisor)

No	Title	Supervisor	Co-Supervisor	Moderator	ID	Student Name	Time	Venue
25	Virtual reality training on cognitive function improvement for stress reduction	Lee Poh Foong	Tan Yin Qing	Mok Siaw Ying	1504575	Tan Sein Ru		
7	Development of upper and lower extremities rehabilitation system for individual with movement disorders	Chong Yu Zheng		Lee Jer Vui	1604586	Chan Ze Hao		
26	Development of modular upper extremities exoskeleton system for activities of daily living	Chong Yu Zheng		Lee Jer Vui	1502478	Teo Yu Ren		
8	Development of a stretchable pressure sensor using triboelectric principle for gait monitoring application	Chee Pei Song		Chong Yu Zheng	1403086	MICHEAL YEO THAT ANG		
28	Development of a flexible electrode for ECG monitoring	Chee Pei Song		Chong Yu Zheng	1505145	Wong Choon Boon		
15	Development of a flexible electrode for ECG monitoring	Chee Pei Song		Chong Yu Zheng	1700529	Lim Kai Jie		