

Group List of ELEC/CPEG Students with Final Year Project (FYP)/ Final Year Thesis (FYT) (2026-2027)

(Last updated on 25/9/2026)

109 groups (200 students) in total

****Group representative***

Project Code	Student Name	Supervisor (Prof)	Project Title	Communication Tutor
AS01a-26	CHOI, Hyeonseok*	SRIVASTAVA Abhishek	Quantum Rod LEDs (FYP)	Michelle
	LI, Jiahong James			
	MOON, Hankyul			
BAA01a-26	YEH, Pak Hei*	BEN AYED Ahmed	Development of a Low-Cost Spectrum Analyzer for 2.4-GHz ISM-Band Wireless Applications (FYP)	Shaneli
BAA02a-26	CHUNG, Ming Chi*	BEN AYED Ahmed	Design of a Low-Cost Microwave Antenna Using PCB and Printed-Electronics Technologies (FYP)	Michelle
CM03a-26	LEUNG, Lok Hay Hayden*	CHAN Mansun	Fabrication and Cryogenic Characterization of Polysilicon Thin-Film-Transistors (FYT)	Shaneli
GI01a-26	CHENG, Chung Yan Enders*	GUAN Isabel	Teach a Robot to Feel: Building a Smart Tactile Gripper That Knows What It's Holding (FYP)	Michelle
GI02a-26	LIU, Chi Hin*	GUAN Isabel	Wave Your Hand, Then Take Control: A Hybrid Gesture + Physical Teleoperation System for Robotic Arms (FYP)	Shaneli
	LAU, Long Tik			
GI03a-26	WONG, Sen Yui*	GUAN Isabel	Eyes, Brain, and Hands: Building a Fully Autonomous Mobile Manipulator That Sees, Thinks, and Acts (FYP)	Michelle
	KUNG, Sin Fei			
	WONG, Yiu Fung Godwin			
GI04a-26	TO, Isabelle*	GUAN Isabel	Teach a Robot by Showing: Imitation Learning for Robotic Arm Manipulation from Human Demonstrations (FYP)	Shaneli
	HUANG, Ying			
	WU, Cheuk Kiu			
GI05a-26	LI, Zongcheng*	GUAN Isabel	From Simulation to Reality: Reinforcement Learning for Robotic Arm Manipulation with Sim-to-Real Transfer (FYP)	Michelle
	WANG, Zhongxing			
JQ01a-26	WEI, Ming Ting*	Jianan QU	Development of Mobile healthcare Apps (FYP)	Shaneli
	WONG, Shek Yin			
JQ01b-26	NG, Wing Lok*	Jianan QU	Development of Mobile healthcare Apps (FYP)	Michelle
	TALLEDO, June Eduard Nefangue			
JQ02a-26	YIM, Tsz Kiu Jasmine*	Jianan QU	Voice Controlled Smart Instrument(s) (FYP)	Shaneli
	NG, Wing Ho			
	WONG, Tsz Lung			
JQ02b-26	CHONG, Ka Tai*	Jianan QU	Voice Controlled Smart Instrument(s) (FYP)	Michelle
	ZHUANG, Zhi			
	TSUI, Chak Hong			

JQ03a-26	LAI, Tsz Yau*	Jianan QU	Biological signals and computer interface (FYP)	Shaneli
	CHAN, Leong Ip			
JQ03b-26	CHEN, Tianyang*	Jianan QU	Biological signals and computer interface (FYP)	Michelle
	CHAU, Long Yuet			
LH01a-26	CHEUNG, Tsun Hin*	Howard LUONG	DESIGN OF INTEGRATED VARIABLE-GAIN AMPLIFIERS (FYP)	Shaneli
LH01b-26	HO, Chi Lok*	Howard LUONG	DESIGN OF INTEGRATED VARIABLE-GAIN AMPLIFIERS (FYP)	Michelle
LH01c-26	VILLANUEVA, Reyes Emmanuelle Christopher*	Howard LUONG	DESIGN OF INTEGRATED VARIABLE-GAIN AMPLIFIERS (FYP)	Shaneli
LH03a-26	YI, Zhuowei*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYT)	Michelle
LH03b-26	WU, Yikun*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYT)	Shaneli
LXM01a-26	CHEN, Ying*	Xiaomeng LI	Tool-Augmented LLM Agent for Medical Knowledge Retrieval and Assistance (FYP)	Michelle
	WINATA, Anthony			
LMX04a-26	WANG, Hanyong*	Xiaomeng LI	Artificial intelligence methods for reconstructing images from brain activities (FYT)	Shaneli
LMX05a-26	YIP, Tin Po*	Xiaomeng LI	Artificial intelligence methods for decoding text from electroencephalography signals (FYT)	Michelle
LYH01a-26	HO, Chi Yat*	LIN Yen Hung	Bayesian Inference-Driven Analysis of Degradation Pathways in Perovskite Solar Cells (FYP)	Shaneli
	LAM, Kam Yuen			
	TSE, Siu Pong			
MR01a-26	SHARMA, Kartik*	Ross MURCH	Portfolio Optimization using FPGA Acceleration compared with MATLAB simulations (FYP)	Michelle
MR03a-26	WANGIKAR, Kritika Pramod*	Ross MURCH	AI Embodied and Software Controlled Antenna System for Wireless Communication (FYP)	Shaneli
	SHARMA, Niharika Sudhirkumar			
MR04a-26	CAI, Tengqi*	Ross MURCH	Fluid Antenna Systems for 6G wireless communications (FYP)	Michelle
	XIE, Bowei			
MR05a-26	PATRICK, Gerard Hanan*	Ross MURCH	Design and Implementation of an Autonomous L-Band Satellite Ground Station for Real-Time Remote Sensing (FYP)	Shaneli
	ZHIDKOV, Mark			
	CHAN, Albert			
MR06a-26	TONG, Bing Ko*	Ross MURCH	AI-Adaptive Traffic Light Controller for a Miniaturized Intersection Concept (Co-op)	Michelle
MS01a-26	KWOK, Ching Lung Phillip*	Scottie MAN	Design of a Low Quiescent Current (IQ) Low-Dropout (LDO) Regulator (FYP)	Shaneli
MS02a-26	WU, Jingxuan*	Scottie MAN	Design of Adaptive Constant On-Time (ACOT) Buck Converter (FYP)	Michelle
MWC01a-26	YU, Yi Sum*	MIAO Wenchao	Deep Learning Algorithms for Magnetic Field Sensing-Based Fault Diagnosis in Lithium-Ion Batteries (FYP)	Shaneli
MWC02a-26	LAM, Ming Wai*	MIAO Wenchao	AI-Assisted Learning and Toolkit Development for Engineering Students (FYP)	Michelle
	NG, Lai Yin			
MWC03a-26	CHEUNG, Ho Ming*	MIAO Wenchao	A Student Guide to Using AI Effectively for ECE Learning (FYP)	Shaneli

MWH00a-26	CHAN, Cheuk Nam Owen	WAI HO MOW	A Student Guide to Using AI Effectively for LCL Learning (FYP)	Shaneli
MWH01a-26	FOK, Pak Chung Harvey*	Wai Ho MOW	Development and Applications of AI agents (FYP)	Michelle
	AU YEUNG, Yat Hin			
MWH02a-26	ABDYKERIMOV, Baiel*	Wai Ho MOW	AI-enabled learning and assessment tools (FYP)	Shaneli
MWH02b-26	HASHIM MUNAWAR, Hisham*	Wai Ho MOW	AI-enabled learning and assessment tools (FYP)	Michelle
MWH02c-26	LO, Tak Cheung Alex*	Wai Ho MOW	AI-enabled learning and assessment tools (FYP)	Shaneli
MZ01a-26	TSANG, Chun Man*	Zili MENG	WiCi: Wireless GPU Computing Infrastructure (FYP)	Michelle
MZ02a-26	FONG, Ka Po*	Zili MENG	xg.glass: Unified Smart Glasses Development SDK (FYP)	Shaneli
	CHAU, Sai Fung			
	CHEUNG, Chin Ho			
MZ03a-26	VERMA, Antariksh*	Zili MENG	WiCi: Wireless GPU Computing Infrastructure (FYT)	Michelle
MZ03b-26	KHALID, Muhammad Ibrahim*	Zili MENG	WiCi: Wireless GPU Computing Infrastructure (FYT)	Shaneli
NK01a-26	CHAN, Cheuk Cheung*	NEYTS Kristiaan	Estimation of Liquid Crystal Properties Using Neural Networks (FYP)	Michelle
PA01a-26	SANCHEZ ZHENG, Raul Anakin*	POON Andrew	Optical coherence tomography (OCT) signals processing (FYP)	Shaneli
PA02a-26	NG, Ching Ting*	POON Andrew	AI/ML-assisted programmable silicon photonic switches for optical computing (FYP)	Michelle
PA03a-26	SAHA, Vaniya*	POON Andrew	Squeezed States Generation for Measurement-Based Quantum Computing (FYT)	Shaneli
PA03b-26	RIBAT, Ashab*	POON Andrew	Squeezed States Generation for Measurement-Based Quantum Computing (FYT)	Michelle
PD01a-26	LIANG, Jialin*	Daniel PALOMAR	Generative AI for Limit Order Book Modelling (FYP)	Shaneli
	LIU, Xucheng			
	LIU, Yizhuo			
PD01b-26	WANG, Yuxiang*	Daniel PALOMAR	Generative AI for Limit Order Book Modelling (FYP)	Michelle
PY01a-26	PANG, Tsz Ho*	YUE Patrick	Multi-phase clock generator design (FYP)	Shaneli
	ZHANG, Shing Hoi Eason			
	YUAN, Mingxuan			
SK01a-26	LEE, Doyeong*	SARFRAZ Khawar	Tape-out based low-power flip-flop design (FYP)	Michelle
	CHEN, Tingting			
	XIONG, Xiangcheng			
SK02a-26	YAU, Man Kit Bosco*	SARFRAZ Khawar	Tape-out based low-power voltage level converter design (FYP)	Shaneli
	CHOW, Chi Lam			
SL01a-26	WONG, Ho Yan*	Ling SHI	UAV-USV Delivery System for Outer Islands (FYP)	Michelle
	CHEN, Leo Yu Yang			

	CHOI, Man Tat			
SL02a-26	WU, Haoran*	Ling SHI	Autonomous Indoor Package Delivery System Using Unmanned Ground Vehicle (UGV)m (FYP)	Shaneli
	NG, Ching Yin Alvin			
	CHEUNG, Chin Dik			
SL03a-26	ZHONG, Ziyang*	Ling SHI	Gyrosphere Robot: An AI-Driven Spherical Balancing and Interactive Companion (FYP)	Michelle
	XIAN, Ziming			
SL04a-26	CUI, Chuhan*	Ling SHI	Gyrosphere Robot: An AI-Driven Spherical Balancing and Interactive Companion (FYP)	Shaneli
	HUANG, Lok Hin			
	ZHANG, Zirui			
SQ01a-26	KO, Chun Him*	SHAO Qiming	AI mentor for ECE life (FYP)	Michelle
	LAW, Yat Hang			
	SHEK, Tsui Kei			
SQ02a-26	GAN, Zesen*	SHAO Qiming	Robotic Arm System with AI Control Policies (FYP)	Shaneli
SQ02b-26	KU, Wai Kwan*	SHAO Qiming	Robotic Arm System with AI Control Policies (FYP)	Michelle
	SHI, Chun Ho			
	IAM, Pui Kuan			
SS01a-26	SHUM, Yu Hin*	SONG Shenghui	A Generalized Control Framework for Supernumerary Robotic Body Extensions (FYT)	Shaneli
SSJ02a-26	CHEUNG, Yi Hing*	SHEN Shaojie	End-to-End Visual Navigation Policy for Ground Robot Target Following and Dynamic Obstacle Avoidance (FYP)	Michelle
	TAN, Colin Kai Chien			
	HO, Sai Leung			
SSJ03a-26	LAI, Pui Yin*	SHEN Shaojie	Self-proposed project (FYP)	Shaneli
	TANG, Lok Hang			
SY01a-26	YIN, Wing Kei*	SHEN Yajing	Multi-DOF Hand Exoskeleton Glove for Fine Motor Skill Learning (FYP)	Michelle
	TO, Hiu Laam			
	KWOK, Siu Man			
SY01b-26	HONG, Hsiao Chi Sonija*	SHEN Yajing	Multi-DOF Hand Exoskeleton Glove for Fine Motor Skill Learning (FYP)	Shaneli
	XIAO, Zhewen			
SY02a-26	HUANG, Zhenghao*	SHEN Yajing	Intelligent and Generalized Robotic Manipulation (FYP)	Michelle
SY02b-26	LI, Liwei*	SHEN Yajing	Intelligent and Generalized Robotic Manipulation (FYP)	Shaneli
SY02c-26	HONG, Lanxuan*	SHEN Yajing	Intelligent and Generalized Robotic Manipulation (FYP)	Michelle
SY02d-26	XIAO, Yanjing*	SHEN Yajing	Intelligent and Generalized Robotic Manipulation (FYP)	Shaneli

SY02a-26	LIAO, Jingwen	SHEN Yajing	Intelligent and Generalized Robotic Manipulation (FYP)	Shaneli
SY03a-26	CHAN, Cheuk Lun*	SHEN Yajing	AI Agents for Education – Student Models and Adaptive Tutoring for Differentiated Learning (FYP)	Michelle
	GUO, Zehuang			
SY03b-26	WONG, Ka Ho*	SHEN Yajing	Tactile Sensor Based Robotic Arm Control(FYP)	Shaneli
	SZE, King Yuen			
SY05a-26	CHEN, Yu Sum*	SHEN Yajing	AI-Driven Smart Calligraphy Brush: Tactile Digitization and Stroke Evaluation System (FYP)	Michelle
	LIU, Chunyu			
TF02a-26	CHU, Tsz Wing Sylvie*	TU Fengbin	RISC Processor Architecture Design and Evaluation (FYP)	Shaneli
	WU, Lok Ki			
	IP, Marisa			
TF02b-26	YEUNG, Keith*	TU Fengbin	RISC Processor Architecture Design and Evaluation (FYP)	Michelle
	YANG, Jingyu			
	WONG, Yik Hei			
TF02c-26	LUI, Chun Nam*	TU Fengbin	RISC Processor Architecture Design and Evaluation (FYP)	Shaneli
	WONG, Ting Cho			
TP01a-26	LUO, Koukou*	TAN Ping	Egocentric Perception and Spatial Memory Systems for Autonomous Robotic Manipulation (FYT)	Michelle
VL01a-26	HUI, Chun Lok*	LAU Vincent	Self proposed project (FYP)	Shaneli
VL01b-26	WONG, Cheuk Hei*	LAU Vincent	Self proposed project (FYT)	Michelle
WKT02a-26	CHAN, Ho Yeung*	Tim WOO	Design and Implementation of a High-Voltage FOC Motor Controller for automotive and general purpose (FYP)	Shaneli
	LEE, Ho Ching Jasmine			
	YEUNG, Hei Yuen			
WKT03a-26	LEE, Donggyu*	Tim WOO	Robotic Box-Based Simulator(FYP)	Michelle
WKT04a-26	TONG, Man Hung Vincent*	Tim WOO	An AI-assisted learning platform(FYP)	Shaneli
	NG, Kit			
WKT05a-26	LAI, Yik Sum*	Tim WOO	Developing an AI-powered conveyor sorting system to support small-scaled E-commerce businesses (FYP)	Michelle
	POON, Wing Yin			
	WONG, Yu Ming			
WKT06a-26	HUTAUROK, Marcell Yerima*	Tim WOO	Developing a Buoyancy-Controlled Mini ROV for Shallow-Water Search and Inspection (FYP)	Shaneli
	WU, Theodorico Alexander			
	TJENDRAPUTRA, Stefan			
	DING, Sheung Heung*			

WKT07a-26	CHOI, Chun Hin	Tim WOO	Interactive AI “Grandkid” Robot for elderly Category: Robotics and Control (FYP)	Michelle
	HUI, Fu Kai			
WKT08a-26	LAU, Yu Shun*	Tim WOO	UAV Landing System for Moving Marine Platforms (FYP)	Shaneli
	GAN, Zheming			
	IU, Ying Nuen			
WKT09a-26	NG, Tsz Long*	Tim WOO	Continual and Transfer Learning for Edge-Deployed Object Detection under Industrial Domain Shift (FYP)	Michelle
WKT10a-26	WONG, Chi Hon Kenji*	Tim WOO	Design and Development of a Transformative Folding-Wing VTOL Avionics Architecture for Urban and Long-Distance Missions (FYP)	Shaneli
	CHENG, Ho Hong			
WKT11a-26	YEUNG, Hoi Ki*	Tim WOO	Design of an AI-assisted Desktop Learning Companion Robot For Children\\\\\\\\\\\\\\\\\\\\\\'s Study Monitoring (FYP)	Shaneli
	AU, Hon Man			
WKT12a-26	HUI, Hiu Fai*	Tim WOO	Design and Implementation of a Wireless Power Transfer Transmitter for Charging Applications (FYP)	Michelle
WMH02a-26	KO, Taein*	WONG Man Hoi	Microfabrication of semiconductor devices (FYP)	Michelle
XZY01a-26	WU, Yuzhen*	XIE Zhiyao	Using LLM for Digital Chip Design (FYP)	Shaneli
	LI, Aojie			
	MA, Shenhan			
YW04a-26	XIANG, Jiuyao*	YU Weichuan	AI-based Drowning Detection Using Surveillance Video Camera (FYP)	Michelle
YW04b-26	WU, Hing Jason*	YU Weichuan	AI-based Drowning Detection Using Surveillance Video Camera (FYP)	Shaneli
YY01a-26	NG, Chit Ning*	YANG Yansong	Ultrasonic sensing system (FYP)	Michelle
	CHAN, Sze Nok			
	HO, Chun Wai			
YY01b-26	CHOW, Man Hin*	YANG Yansong	Ultrasonic sensing system (FYP)	Shaneli
	SO, Chun Hin			
YY01c-26	FU, Yan Loi*	YANG Yansong	Ultrasonic sensing system (FYP)	Michelle
	LI, Weijie			
ZJ01a-26	LI, Sin Hang*	ZHANG Jun	AI agent for mobile devices (FYP)	Shaneli
	ZHANG, Sizhe			
	YU, Zian			
ZJ02a-26	LEUNG, Ting Hei*	ZHANG Jun	Edge AI for healthcare applications (FYP)	Michelle
	YUE, Tsun Ming			

	NG, Lok Hin			
ZJ03a-26	KIM, Sungwoo*	ZHANG Jun	Memory design for personal AI agents (FYT)	Shaneli
ZW01a-26	IP, Man Hin*	ZHANG Wei	RISC-V Processor Architecture Design and Prototyping on FPGA (FYP)	Michelle
ZW01b-26	TANG, Sin Chit*	ZHANG Wei	RISC-V Processor Architecture Design and Prototyping on FPGA (FYP)	Shaneli
ZW02a-26	GUO, Shiran*	ZHANG Wei	Developing a Task-Based Programming Model with Tensor Data Management for Scalable Spatial Architectures (FYT)	Michelle
ZWJ01a-26	REN, Junru*	ZHANG Weijia	MOD5 Delta-sigma ADC modeling (FYP)	Shaneli
	HUANG, Jiajun			
ZWJ02a-26	CHEUNG, Wai Ho*	ZHANG Weijia	Programming Model with Tensor Data Management for Scalable Sp	Michelle
ZWJ03a-26	LI, Xiaoying*	ZHANG Weijia	Boost converter implementation (FYP)	Shaneli
	WU, Yuhang			
ZWJ03b-26	YEUNG, Tit Yau*	ZHANG Weijia	Boost converter implementation (FYP)	Michelle
	TSOI, Wai Shing			
	YEUNG, Ka Chun			
ZWJ04a-26	LIU, Chang*	ZHANG Weijia	Boost Converter Implementation (FYP)	Shaneli
	ZHOU, Zhuozhuang			
ZWJ05a-26	LIU, Yixuan*	ZHANG Weijia	SPI interface design in cadence (FYT)	Michelle
ZY02a-26	NG, Ho Yin Ryan*	Yihan ZHANG	Brain-computer interface circuit design (FYP)	Shaneli
	KWOK, Hiu Ting			
	LING, Cho Fai			
ZY04a-26	YU, Kai Lam Karl*	Yihan ZHANG	Brain-computer interface chip design for integrated (FYP)	Michelle