Group List of ELEC/CPEG Students with Final Year Project (FYP)/ Final Year Thesis (FYT) (2025-2026)

(Last updated on 26 Feb 2026)

113 groups (221 students) in total

Group representative

Project Code	Student Name	Supervisor (Prof)	Project Title	Communication Tutor
AS01a-25	CHAN Wang Shing* NG Chun Kai Wong Chak Ming	Srivastava Abhishek	Quantum Rod LEDs for Microdisplays used in AR, VR, and MR(FYP)	Michelle
CK01a-25	SHENG Dapeng* ADHYAKSA Pave Dewa YANG Dongxiao	Chau Kevin	Digital Conducting Baton for Musical Phrasing Creation(FYP)	Shaneli
CKJ01a-25	JUELS Titan Harold*	Chen Kevin	AI-based Failure Analysis of Next-Generation Power Transistors (FYP)	Michelle
CM01a-25	LO Kai Kit* CHEUNG Tsz Hei	Chan Mansun	Action based Game on Mobile Devices for Elderly Training(FYP)	Shaneli
GLQ01a-25	WANG Joserphine Tsui* LUI Kin Kin	Gao Liuqing	Design and implementation of microwave devices (FYP)	Michelle
JQ01a-25	LUI Ka Kit* LEE Hok Him FUNG Lok Yiu	Jianan QU	Development of Mobile healthcare Apps (FYP)	Shaneli
JQ01b-25	WAN Tsz Ho* TSE Kei Shun Justin	Jianan QU	Development of Mobile healthcare Apps (FYP)	Michelle
JQ02a-25	KIM Tae Wook* KIM Taeyun KWON jiyoon	Jianan QU	Biological signals and computer interface (FYP)	Shaneli
JQ03a-25	WONG Yun Fai Samuel* WONG Ka Chun CHAN Yin Chak	Jianan QU	Voice Controlled Smart System (FYP)	Michelle
JQ03b-25	CHAN Tsz Kin* KEI Bruce	Jianan QU	Voice Controlled Smart System (FYP)	Shaneli
KW01a-25	YEUNG Chun Ming* LAM Chi Ho	Wing Hung KI	Power Management Circuit and System Design (FYP)	Michelle
KW01b-25	CHUNG Ming Chi* HUI Hiu Fai	Wing Hung KI	Power Management Circuit and System Design (FYP)	Shaneli

KW01c-25	LEE Donghyun*	Wing Hung KI	Power Management Circuit and System Design (FYP)	Michelle
	LAM Yui Hin			
LH01a-25	WAN Ho Ting Samuel*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYP)	Shaneli
	YU Yat Pan			
	WONG Pak Long			
LH01b-25	FAN Hok Yin*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYP)	Michelle
LH03a-25	CHOI Seungwoo*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYP)	Michelle
LH03b-25	KIM, Eugene*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYP)	Shaneli
LXM01b-25	NG Kam Hei*	Xiaomeng LI	Artificial intelligence methods for reconstructing images from brain activities (FYP)	Michelle
	YANG, Shi Long			
	CHEUNG Man Kwan			
LXM03a-25	TSANG Ho Fung Michael*	Xiaomeng LI	Vision-lanuage models for medical report generation (FYP)	Shaneli
	CHIU Shing Hei			
LXM05a-25	CHAN Wai Hang*	Xiaomeng LI	Self-Proposed Project on an AI-based Medical Application (FYP)	Michelle
	HUANG Mingrui			
	KONG Ming San			
LMX06a-25	CHO Sungjun*	Xiaomeng LI	Self-Proposed Project on an AI-based Medical Application(FYT)	Shaneli
LY02a-25	LEE Sangmin*	YOBAS Levent	Impedance flow cytometry for label-free analysis of single bioparticles (FYP)	Shaneli
LYH01a-25	WONG Sze Ting*	Lin Yen Hung	Bayesian Inference for Understanding Degradation in Perovskite Solar Cells (FYP)	Michelle
MR01a-25	TSANG Tsun Yin*	Ross MURCH	Indoor tracking FMCW steerable radar(FYT)	Shaneli
MR02a-25	CHAN Yik Fei*	Ross MURCH	Centimeter MIMO antenna design for future 6G wireless communication(FYT)	Michelle
MR03a-25	ALI Aminath Malak*	Ross MURCH	Touchless 2D Holographic keypad (FYP)	Shaneli
MS01a-25	CHEUNG Ka Yan*	Scottie MAN	Design of a Low Quiescent Current (IQ) Low-Dropout (LDO) Regulator (FYP)	Michelle
	RAJPREET-SINGH,.			
MS02a-25	CHEUNG Pak Kang*	Scottie MAN	Design of Adaptive Constant On-Time (ACOT) Buck Converter (FYP)	Shaneli
	CHAN Yuk Kin			
MWC01a-25	YIP Chun Ho*	Miao Wenchao	Fault Detection Technique for Photovoltaic Systems Using Machine Learning and Optimization Algorithms (FYP)	Michelle
MWC02a-25	FUNG Yau Tong*	Miao Wenchao	Fault Detection Technique for Photovoltaic Systems Using Machine Learning and Optimization Algorithms (FYP)	Michelle
MWC03a-25	NG Hoi Ying*	Miao Wenchao	Household Energy Consumption App (FYP)	Shaneli
	THAPA Sawami			
	WONG Ka Lam			
MWH01a-25	TAM Pak Yiu*	Wai Ho MOW	AI Tutor for STEM Education(FYP)	Michelle

MWH01a-25	LI Zhijian	Wai Ho MOW	AI Tutor for STEM Education(FYP)	Michelle
MWH02a-25	WONG King Keung* CHEN Ying Ying	Wai Ho MOW	AI-assisted human vital sign estimation app using phone camera (FYP)	Shaneli
MZ01a-25	WONG Ching Ming* TSZ Chak Shing KWOK Chun	Zili MENG	LearningPacer: A Virtual TA for Computer Networks (FYP)	Michelle
MZ01b-25	CHAN Jun* NGAI Yi Shun LEUNG Chi Ho	Zili MENG	LearningPacer: A Virtual TA for Computer Networks (FYP)	Shaneli
MZ01c-25	LEE Shing Fan Adam* ZHOU Yang	Zili MENG	LearningPacer: A Virtual TA for Computer Networks (FYP)	Michelle
MZ02a-25	CHAN Hoi Tung* AU Shun Ning LUI Sin Hang	Zili MENG	Latency optimization in interactive multimedia streaming (FYP)	Shaneli
MZ02b-25	TAM Siu Ho*	Zili MENG	Latency optimization in interactive multimedia streaming (FYP)	Michelle
MZ02c-25	CHAN, Chi Yuen* HE Ziyong	Zili MENG	Latency optimization in interactive multimedia streaming (FYP)	Shaneli
NK01a-25	HO Wai Wong*	Neyts Kristiaan	Patterning liquid crystal alignment to create structured 3D layers(FYP)	Shaneli
NK03a-25	ALKAAS Moa Eva* JANG Jae Won	Neyts Kristiaan	Estimating Liquid Crystal Properties with Neural Networks (FYP)	Michelle
NK03b-25	CHAN Cheuk Cheung* LI Leong Ying LAI Yu Ching	Neyts Kristiaan	Estimating Liquid Crystal Properties with Neural Networks (FYP)	Shaneli
NK04a-25	GONG Lik Man* CHAN Kwan Yui	Neyts Kristiaan	UV high resolution lithography for optical gratings (FYP)	Michelle
PA02a-25	ZHANG Hongyi*	POON Andrew	AI/ML-assisted programmable silicon photonic switches for optical computing (FYP)	Shaneli
PD01a-25	MANABAYEV Zhanibek* KHAIDAR Orazkhan	Daniel PALOMAR	Deep Learning for High-Frequency Trading(FYP)	Michelle
PD02a-25	CHEUNG Chun Xin*	Daniel PALOMAR	Quantitative Modelling for Investment Research (Co-op)	Shaneli
PL01a-25	TSOI Yin Cheung* LAU Ka Kit WU Tin Long	Pan Ling	Improving Metro Scheduling with Multi-Agent Reinforcement Learning (FYP)	Michelle

QI01a-25	LI Pak Yin Horace*	Guan Isabel	Design and Implementation of a Dexterous Hand Teleoperation System (FYP)	Shaneli
	HONG Guangbin			
	TANG Sin Yan			
QI02a-25	HO Shao Ping*	Guan Isabel	Process Automation to streamline & integrate metering work processes with systems (Co-op)	Michelle
SK01a-25	ABID Mohammed Sirajul Mostafa*	Sarfraz Khawar	Design of digital and analog circuits for tape-out (FYP)	Shaneli
	TAHMID, Mir Ahnaf			
SK01b-25	HOSSAIN Zarif Al*	Sarfraz Khawar	Design of digital and analog circuits for tape-out (FYP)	Michelle
	KALAM Tayeeb Bin			
SL01a-25	SIU Ming Fung*	Ling SHI	UAV-USV Delivery System for Outer Islands (FYP)	Shaneli
	KO Ka Chun			
	SZE Wing Yu			
SL03a-25	HO Chun Yin*	Ling SHI	Autonomous Indoor Package Delivery System Using Unmanned Ground Vehicle (UGV)m (FYP)	Michelle
	TSUI Chung Lam			
	WONG Kwok Chuen			
SL04a-25	SHIH Chun Yiu*	Ling SHI	Gyrosphere Robot: An AI-Driven Spherical Balancing and Interactive Companion (FYP)	Shaneli
	LAM Ka Yu			
SL04b-25	LI Ho Ming*	Ling SHI	Gyrosphere Robot: An AI-Driven Spherical Balancing and Interactive Companion (FYP)	Michelle
	IP Chit Long			
SL05a-25	LIU Hualin*	Ling SHI	Development of Advanced Robotic Arm Systems for Assistive Wheelchair Technology (FYP)	Shaneli
	WU Ziyao			
SQ02a-25	ANTHONY Ryan*	Shao Qiming	Embedded systems for AI hardware (FYP)	Michelle
	DSOUZA Struan Gerard			
	SPORSHO Mashiyat Samin			
	TUMENBAYAR Urtnasan			
SQ03a-25	WING Man Ying Rachel*	Shao Qiming	Virtual mentor for ECE life (FYP)	Shaneli
	CHIU Ching Cheung			
	KO Chi Yuen			
SQ03b-25	CHEN Liyan*	Shao Qiming	Virtual mentor for ECE life (FYP)	Michelle
	YAO Zexin			
	WANG Xuanhao			
SQ04a-25	LU Yunyang*	Shao Qiming	Efficient Combinatorial Optimization Solver Based on Novel Spintronic Devices (FYT)	Shaneli
SQ05a-25	CHI Ting-hsuan*	Shao Qiming	Robotics Arm System with AI Control Policies (FYP)	Michelle

SQ06a-25	SHARMA Paarth Kaustubh*	Shao Qiming	Self-proposed project on data analytics (FYP)	Michelle
SS01a-25	OU Farui*	Song Shenghui	Design and Control of an Ultra-High Voltage HASEL Actuator System (FYP)	Shaneli
SS02a-25	ZHANG Ka Ho Eric*	Song Shenghui	AI and NFC Empowered Social Network (FYP)	Michelle
	KWOK Chun Hin			
SS03a-25	SO Wing Tung*	Song Shenghui	Building and Evaluating Core Components of an AI-powered Assistive Glasses System (Co-op)	Shaneli
SSJ01a-25	TONG Zhe*	Shen Shaojie	Fisheye Camera-Based Perception System for Indoor 3D Reconstruction (FYP)	Shaneli
	KUM Cheuk Hang			
SY01a-25	HO Wing Chin*	Shen Yajing	AI-powered Hydrodynamic Sensing and Perception (FYP)	Michelle
	KWOK Tsz Hong King			
SY02a-25	OOI Kylan Wen Qi*	Shen Yajing	AI Algorithm Development and Application of Multi-Point Tactile Sensors (FYP)	Shaneli
SY03a-25	CHEN Weilin*	Shen Yajing	AI-assisted Fast Marker Tracking Algorithm for Vision-based tactile sensors(FYP)	Michelle
SY04a-25	WANG Yi Ki*	Shen Yajing	Tactile Sensor Based Robotic Arm Control(FYP)	Shaneli
	LIN Hongcheng			
SY05a-25	ZHU Quanhao*	Shen Yajing	Shape Memory Polymers (SMP) based Gecko-Like Robot for Climbing in Real Environments (FYP)	Michelle
	ZHANG Gongze			
SY06a-25	LI Yik Sze*	Shen Yajing	Tendon-Driven Hand Exoskeleton for Dexterous Skill Training (FYP)	Shaneli
	Hong Jiarong			
TF03a-25	CHIN Zan Yang*	Tu Fengbin	All-in-one Home Smart Box (FYP)	Michelle
	AGARWAL Pranav			
TF04a-25	YU Yingxuan*	Tu Fengbin	All-in-one Home Smart Box (FYP)	Shaneli
	HE Yat Yin			
	DUAN Ziang Raymond			
TF05a-25	CHAN Lik Han*	Tu Fengbin	Design and Implementation of a RISC-V Processor (FYP)	Michelle
	TAI Hoi Ki			
	CHEN Yan Guang			
TP01a-25	YEUNG Wun Lam*	Tan Ping	Robot Object Grasping and Placement (FYP)	Shaneli
	QIN Zhengyan Lambo			
	YU Yui Cheung			
VL01a-25	CHOI Wai Hing*	Lau Vincent	Self proposed project (FYP)	Michelle
	CHOY Chin Ting			
VL01b-25	YAU Wai Fong*	Lau Vincent	Self proposed project (FYP)	Shaneli
	NG Jacky Ho Wang			

VL03a-25	WAT Wing Huen*	Lau Vincent	Physics Informed Neural Network (FYT)	Michelle
WKT02a-25	LEUNG Ka Long*	Woo Tim	Signal Receiving and Power Distribution Unit (SRPDU) for Electric Vehicle Conversion (FYP)	Shaneli
WKT03a-25	HU Che Wei*	Woo Tim	Robotic Box-Based Simulator(FYP)	Michelle
WKT04a-25	CHOW Ip Him*	Woo Tim	Design and Implementation of a True-Color High-Resolution Linear CCD Camera System using an FPGA-Based SoC (FYP)	Shaneli
	LAI Siu Lun			
WKT05a-25	MA Chak Hong*	Woo Tim	Gamification in Education: A Stardew Valley-Inspired Educational Game for Stress-Free Learning (FYP)	Michelle
WKT06a-25	MOK Tsz Ho*	Woo Tim	AI-Driven Facial Expression Analysis for Enhanced decision-making (FYP)	Shaneli
WKT07a-25	TSE Shing Chun*	Woo Tim	Smart Waste Sorting System with Enhanced Material Recognition (FYP)	Michelle
	FUNG Ho Hin			
WKT08a-25	CHAN Sheung Lai*	Woo Tim	Lifelike Robotic Head: AI-Driven Facial Expressions and Communication (FYP)	Shaneli
	WONG Yin Bok			
WKT09a-25	CHEUNG Yan To*	Woo Tim	Light-weight to medium-weight AI application on low power edge device; Text-to-speech, TTS on cloudless edge Cortex-M core device (Co-op)	Michelle
WMH01a-25	TSE Siu Pong*	Wong Man Hoi	Design and Modeling of Ultrawide-Bandgap Power Electronic Devices (FYP)	Shaneli
	CHAN Tsz Long David			
WMH02a-25	NG Cheuk Hei*	Wong Man Hoi	Chemical-Mechanical Polishing Process for Wafer-Bonded Semiconductor Devices (FYP)	Michelle
XZY01a-25	CHEONG Kar Hang*	Xie Zhiyao	Using Large Language Model (LLM) to Assist Digital Circuit Design (FYP)	Shaneli
	LEE Ka Lok			
	ZHUANG Jinyi			
YH02a-25	CHAN Sze Sen*	Yin Huan	Development of a Multi-Camera Vision-Based Localization System for Tracking Multiple Micro Autonomous Underwater Vehicles (AUVs) (FYP)	Michelle
	XU Borong			
YW01a-25	MA Mang Ki*	Yu Weichuan	Deep Learning for Ultrasound-based Tissue Deformation Analysis (FYP)	Shaneli
	MOK Tsz Lung			
	CHOI Siu Tung			
YX02a-25	LI Yuntong*	Yang Xiong	AI-Enhanced Tactile Dexterity (FYP)	Michelle
	GUO Ruopu			
YYS01a-25	MENG Tianxi*	Yang Yansong	Self-Proposed Projects (FYP)	Shaneli
YYS02a-25	LEE Sze Chun Martin*	Yang Yansong	Self-Proposed Projects (FYP)	Michelle
	IP Ka HO			
YYS03a-25	CHU Siu Wai*	Yang Yansong	Ultrasonic sensing system (FYP)	Shaneli
	CHAN Chi Chiu			
YYS03b-25	JAUHARI Aryan*	Yang Yansong	Ultrasonic sensing system (FYP)	Michelle
	CHAN Chun Hei			

YYS03c-25	WONG Chi Pang*	Yang Yansong	Ultrasonic sensing system (FYP)	Shaneli
	TUNG Haywood			
YYS03d-25	GUO Yuqin*	Yang Yansong	Ultrasonic sensing system (FYP)	Michelle
	LAU Chak Yan			
	SHI Yuchen			
ZJ01a-25	RANGANATHAN Aravindh*	Zhang Jun	Edge AI for healthcare applications (FYP)	Shaneli
	THAKUP Pranjal			
	BISHT Bhavik			
ZJ02a-25	HUANG Zichen*	Zhang Jun	Edge AI for healthcare applications (FYP)	Michelle
	LAU Cheuk Lam			
	YU Tung Chak			
ZJ03a-25	LI Jiajun*	Zhang Jun	Acceleration of deep generative models (FYT)	Shaneli
ZJ04a-25	YANG Ruoping*	Zhang Jun	Controllable text-to-image generation and editing (FYT)	Shaneli
ZW01b-25	MA Hiu Kai*	Zhang Wei	Acceleration of medical image processing for edge device (FYP)	Shaneli
	WONG Oi Sze			
	CHEUNG Ying Yiu			
ZW02a-25	SUN Cheuk Shing*	Zhang Wei	Development of TPU architecture (FYP)	Michelle
	IP Tsz Wai			
ZW02b-25	JEONG Sungjun*	Zhang Wei	Development of TPU architecture (FYP)	Michelle
	KIM Semin			
	CHUN Ga Young			
ZWJ01a-25	LI Fengtong*	Zhang Weijia	Multi-phase converter (FYP)	Shaneli
	CAI MAO Cheng			
ZWJ01b-25	LIANG Ka Ming*	Zhang Weijia	Multi-phase converter (FYP)	Michelle
	LIAO Yushao			
ZWJ02a-25	CHAN Lok Hei*	Zhang Weijia	Adjustable LDOs (FYP)	Shaneli
	LAM Hiu Man			
ZY01a-25	GU Liming*	Yihan ZHANG	Temperature Sensor Design (FYT)	Michelle
ZY02a-25	LI Hongrun*	Yihan ZHANG	RRIO Operational Amplifier Design (FYP)	Shaneli
ZY03a-25	CHEUNG Yu Kevin*	Yihan ZHANG	SAR ADC Design (FYP)	Shaneli
	WANG Guangze			
	LO Evan Hong Tik			

| ZY04a-25 | Li Libo* | Yihan ZHANG | Integral sampling and differential dynamic analysis in the State of Charge (SOC) of lithium battery modules (Co-op) | Michelle |