

GYSTB 2021 Judging Schedule – PE01

Judging Panel	Judging Time		Team No.	Project Title
PE01	HKT 08:30 - 08:45	18 June PDT 17:30 - 17:45	IAPE03	Sanjeevani: A Novel Automated System for Hospital Acquired Infection Monitoring and Prevention
PE01	HKT 08:45 - 09:00	KST 09:45- 10:00	IBPE03	Understanding Neutrino Oscillations with Particle Accelerator Experiments
PE01	HKT 09:00 - 09:15	CST 09:00 - 09:15	IAPE51	Using Smart Buoys to Build the Global Four-in-one Internet of Things
PE01	HKT 09:15 - 09:30	KST 10:15- 10:30	IBPE19	Smart Knee Brace Diagnostic Device Built on Arduino-Enhanced Joint Evaluation Algorithm
PE01	HKT 09:30 - 09:45	SGT 09:30 - 9:45	IBPE07	Gait Monitoring and Analysis of Parkinson's Disease Patients
PE01	HKT 10:00 - 10:15	ICT 09:00 - 09:15	IBPE23	Iron oxide nanoparticle for local heating in cancer treatment
PE01	HKT 10:15 - 10:30	ICT 09:15 - 09:30	IBPE17	Real-time Monitoring of Iron Oxide-Based Magnetic Nanoparticles for Escherichia coli Detection in Vitro using a High Sensitivity Magnetic Impedance Sensor
PE01	HKT 10:30 - 10:45	ICT 09:30 - 09:45	IBPE24	Synthesis ZnO nanoparticles for Solar Cells application
PE01	HKT 10:45 - 11:00	ICT 09:45 - 10:00	IAPE48	Biodegradable Cushioning Foam from Natural Composite Rubber and Extracted Cellulose Coated on 3D Mold for Laboratory Glassware
PE01	HKT 11:00 - 11:15	ICT 10:00 - 10:15	IAPE50	Car Accident Monitoring and Prevention System Using Driver's Drowsiness Detection
PE01	HKT 11:15 - 11:30	ICT 10:15 - 10:30	IAPE65	Predicting COVID-19 trends in Vietnam using mathematical models
PE01	HKT 11:30 - 11:45	WIB 10:30 - 10:45	IAPE53	An Innovation of Patient Heart Rate and Oxygen Saturation Analysis and Monitoring Technology Based on Internet of Things Technology in Pressing the Transmission of Covid-19
PE01	HKT 11:45 - 12:00	IST 09:15 - 09:30	IAPE08	Robovid20: A Novel Robotic Arm for Social Distancing, Using Tele-operation, Pneumatic Actuators and Haptic Technology to Give a Sense of Touch to the User.

Judging Panel	Judging Time		Team No.	Project Title
PE01	HKT 13:15 - 13:30	GET 09:15 - 09:30	IBPE15	Definition of a Circle by Means of Vertices of an Equilateral Triangle
PE01	HKT 13:30 - 13:45	GET 09:30 - 09:45	IBPE11	About One Relation in Cyclic Regular Pentagon
PE01	HKT 13:45 - 14:00	TRT 08:45 - 09:00	IAPE47	My Life-chariot Overcoming the Barriers
PE01	HKT 14:00 - 14:15	MSK 09:00 - 09:15	IAPE40	Development of a Neurointerface Glove with Tactile Feedback
PE01	HKT 14:15 - 14:30	AST 09:15 - 09:30	IAPE15	Smart Automated Accident Report Using IoT (SAARI)
PE01	HKT 14:30 - 14:45	CEST 09:30 - 09:45	IAPE36	The ARCTIC GUARD - Sleigh with Sails
PE01	HKT 14:45 - 15:00	AST 09:45 - 10:00	IAPE21	Design and Development of Silicon based Air Actuated Soft Robot Hand for Prosthetic Application
PE01	HKT 15:00 - 15:15	CEST 09:00 - 09:15	IBPE20	Using Artificial Intelligence and Algorithms for Natural Language Processing to Analyze the Emotions of Gender in Literature and Songs
PE01	HKT 15:15 - 15:30	AST 10:15 - 10:30	IAPE31	Utilization of TEG to Reduce the Interior Temperature of Cars in Qatar
PE01	HKT 15:30 - 15:45	CEST 09:30 - 09:45	IBPE12	Robinson-Schensted Correspondence and Standard Young Tableaux
PE01	HKT 15:45 - 16:00	SAST 09:45 - 10:00	IBPE06	Angle of Attack of an Aircraft Wing
PE01	HKT 16:00 - 16:15	SAST 10:00 - 10:15	IAPE63	A Hand Prosthesis Controlled by Electromyography
PE01	HKT 16:15 - 16:30	EEST 11:15 - 11:30	IAPE09	Autonomic Heating Gloves
PE01	HKT 16:30 - 16:45	IST 09:30 - 09:45	IAPE12	Specs - A Wearable Smart Device for Dementia Patients
PE01	HKT 16:45 - 17:00	IST 09:45 - 10:00	IBPE02	Image Analysis of Rehabilitating Patients' Exercise to Measure and Improve Recovery

PE01	HKT 17:00 - 17:15	CST 17:00 - 17:15	IAPE43	Modulating Surface Reconstruction of Nickel Cobalt Phosphide by Iron Incorporation Enhancing ORR/OER for Hybrid Sodium-air Battery
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