

Finalist teams

#	School name	Advisor	Project name
A004	National University of Singapore	Ren Hongliang	Image Guided Minimally Invasive Surgical Robot
A005	National University of Singapore	Ren Hongliang	Design of an Adaptive and Compliant Transoral Robotic Surgery (ACTORS) System
A006	National University of Singapore	Yeow Chen Hua Raye	Emosis
A008	National University of Singapore	Lim Chwee Teck	Wearable Microtubular Sensor for Pulse Monitoring
A009	National University of Singapore	Ren Hongliang	Flexible and Soft Anthropomorphic Robotic Hand by 3D Printed Folds
A010	National Taiwan University	Feng-Huei Lin	Neurospeed
A012	National University of Singapore	Dr. Raye Yeow Chen Hua	Soft Hybrid Surgical Gripper for Delicate Tissue Manipulation
A013	Beihang University	Lisha Zheng	Bladder Cancer Fast Test Strips
A014	National Taiwan University	Wei-Li Hsu	V-RITE: Virtual Reality with Instrumented Treadmill Environment
A015	National Chung Hsing University, National Chi Nan University	Congo Tak Shing Ching, Tai-Ping Sun	Optical Automation Plantar Morbid Evaluation System
A016	University of Strathclyde	Professor Terence Gourlay	Blood Salvage for Austere Environments
A017	Wuhan University	Zhao Guo	Cable-Driven Upper Limb Rehabilitation Robot
A018	The Chinese University of Hong Kong	Ho Megan Yi Ping, Chao Wan	Pseudo-Capillarised 3-Dimensional Contractile Cardiac Muscle Chips
A019	National Yang-Ming University	You-Yin Chen	CaduHammer - Internet of Things (IoT) Functional Healthcare based on Professional Medical Expert AI-platform
A020	National Chung Hsing University, National Chi Nan University	Congo Tak Shing Ching, Tai-Ping Sun	Multifunctional Cancer Detection System
A021	National University of Singapore	Yeow Chen Hua Raye, Lim Jeong Hoon	A Novel Soft Robotic Exosock for the Prevention of Deep Vein Thrombosis and Joint Contracture
A023	National Tsing Hua University	Chien-Wen Chang	Combining Non-viral Genetically Engineered Stem Cells with 3D Bioprinted Scaffolds for Cartilage Regeneration
A024	National Cheng Kung University	Chih-Chung Huang	Low-cost Baby-used Physiological Monitoring Device
A027	Yonsei University	Youngho Kim	Development of an Acoustic Emission Sensor System for the early diagnosis and monitoring of knee osteoarthritis