

CITREx 2017 Staff Category

NO.	APPLICANT	CATEGORY	INVENTION TITLE	MEDAL
1	Ir. Dr. Faiz Bin Mohd Turan	Category A: Mechanics – Engines – Machinery – Tools – Industrial processes – Metallurgy	Sustainable Design Concept Evaluation (SDCE 2.0)	GOLD
2	Ir. Dr. Faiz Bin Mohd Turan	Category V: Protection of the environment – Energy – Water	Systematic Sustainability Assessment (SSA)	GOLD
3	Profesor Madya Dr. Ahmad Razlan Bin Yusoff	Category A: Mechanics – Engines – Machinery – Tools – Industrial processes – Metallurgy	Nanocoolant for Quenching Process	GOLD
4	Profesor Madya Dr. Ahmad Razlan Bin Yusoff	Category A: Mechanics – Engines – Machinery – Tools – Industrial processes – Metallurgy	Deep Drilling Tool Geometry Optimization	SILVER
5	Puan Kartina Binti Johan @ Rahmat	Category V: Protection of the environment – Energy – Water	Sustainable Graduate Community	SILVER
6	Dr. Mebrahitom Asmelash Gebremariam	Category A: Mechanics – Engines – Machinery – Tools – Industrial processes – Metallurgy	A simulation Modeling Of industrial Systems	SILVER
7	Dr. Muhammad Azzat Bin Zakaria	Category P: Transport – Motor vehicles – Ships – Aviation – Accessories	Automated Guided Vehicle (AGV) Localization Using Landmark Prediction Model	SILVER
8	Dr. Muhammed Nafis Bin Osman Zahid	Category A: Mechanics – Engines – Machinery – Tools – Industrial processes – Metallurgy	Advanced Machining Simulation Routines in Computer Aided Manufacturing System	SILVER
9	Dr. Zamzuri Bin Hamedon	Category K: Agriculture – Horticulture – Gardening	PROPIGS-Simple Ways to Protect Newly Planted Young Coconut Tree from Wild Pigs	SILVER

10	Dr. Zamzuri Bin Hamedon	Category A: Mechanics – Engines – Machinery – Tools – Industrial processes – Metallurgy	Minimizing of Fracture in Stretch Flanging of High Strength Steel Sheet	BRONZE
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CITREx 2017 Student Category

NO.	APPLICANT	SUPERVISOR	INVENTION TITLE	MEDAL
1	Nurfatini Binti Zolkafli	Dr. Mebrahitom Asmelash Gebremariam	Development of A Ceramics Insert for Machining	GOLD
2	Vivekanandan A/L Panneerselvam	Profesor Ir. Dr Wan Azhar Bin Wan Yusoff	Smart Color Creating Machine	GOLD
3	Vivekanandan A/L Panneerselvam	Ir. Dr. Faiz Bin Mohd Turan	Real Time Solar Powered Smart Automated Water Irrigation System	SILVER
4	Ling Chei Lieng	Dr. Muhammad Azzat Bin Zakaria	Interactive Low Cost Robotic Education Kit for Primary School Teaching and Learning	SILVER
5	Kho Siang Chuan	Dr. Mohd Azmir Bin Mohd Azhari	Turning Operation Using Die Sinking EDM	SILVER
6	Maniraj A/L Murugan	Dr. Mohd Azmir Bin Mohd Azhari	Development of User Friendly Smart Bookshelf	BRONZE
7	Er Hong Sing	Profesor Ir. Dr Wan Azhar Bin Wan Yusoff	Mentos Color Sorting Machine	BRONZE
8	Liew Xiu Qing	Profesor Ir. Dr Wan Azhar Bin Wan Yusoff	Coil Winding Maching	BRONZE

9	Nur Syazwani Binti Abdul Gani	Ir. Dr. Faiz Bin Mohd Turan	Sustainability Assessment in Manufacturing Operation	BRONZE
10	Asmadianatasha Binti Asmanizam	Ir. Dr. Faiz Bin Mohd Turan	Sustainability Assessment in Environmental Management	BRONZE
11	Tan Hon Seong	Dr. Nafrizuan Bin Mat Yahya	Application of Adaptive Bats Sonar Algorithm to Minimise Car Side Impact Design	-





