



1st IEEE Five Minutes Final Year Project (5MFYP) Competition 2020

Finalists



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Bachelor Category

No.	Contestant No.	Name	University	Supervisor Name	Project Title	Video Link
1	5MFYP-20-B-19	Hoe Yean Sam	Universiti Tunku Abdul Rahman (UTAR)	Dr. Sayed Ahmad Zikri Bin Sayed Aluwee	Preliminary Study of Diabetic Retinopathy Classification from Fundus Images using Deep Learning Model	https://youtu.be/sFNWB0mqwE
2	5MFYP-20-B-12	Diruba Rukhsana	International Islamic University Malaysia (IIUM)	Professor Dr. Anis Nurashikin Nordin	Development of 2D Stretchable Strain Sensors for Facial Expressions	https://youtu.be/1m_LJZdCEIj
3	5MFYP-20-B-48	Nur Elena Bt Abdul Rahim Hew	International Islamic University Malaysia (IIUM)	Dr. Khairul Azami Sidek	Teaching and Learning of Science in Schools using Augmented Reality	https://youtu.be/a60_00-7KR0
4	5MFYP-20-B-18	Ho Mun Ling	Universiti Tunku Abdul Rahman (UTAR)	Yew Ming Chian	Integration of Solar Powered Fans and Moving-Air-Cavity for Attic Temperature Reduction	https://youtu.be/7GO8aM0uVOo
5	5MFYP-20-B-33	Mohammad Iqbal Bin Isa	Universiti Kuala Lumpur (UniKL MIIT)	Dr. Amna Binti Saad	Multivendor Distributed Network Automation Using Open Source Solution	https://youtu.be/sn_AbTdD_eQ
6	5MFYP-20-B-11	Daniel Siruno	Universiti Malaysia Sabah (UMS)	Dr. Kenneth Teo Tze Kin	Mobile Machine Vision for Railway Safety Surveillance using Deep Neural Network	https://youtu.be/miUdirYhR38
7	5MFYP-20-B-08	Cheah Zi Hooi	Universiti Tunku Abdul Rahman (UTAR)	Dr. Lim Chun Hsion	Optimisation of Oil Palm Harvesting Route With Transporting Vehicle In Plantation Site	https://youtu.be/DCNQ7A0INp0
8	5MFYP-20-B-02	Adam Farid Bin Razli	Universiti Kuala Lumpur - (UniKL MFI)	Siti Norhafiza Abdul Razak	Development of A Low Voltage Energy Source from Surrounding Heat Using Thermoelectric Generator	https://youtu.be/zfKxKkD8CSk
9	5MFYP-20-B-27	Lee Kar Leong	Universiti Malaysia Sabah (UMS)	Dr. Kenneth Teo Tze Kin / Dr. Tan Min Keng	Advanced Faulty Detection in DC Microgrid System using Artificial Immune System	https://youtu.be/AXmcz7MKvLs
10	5MFYP-20-B-25	Khairul Amar Bin Khalil Azlan	Universiti Kuala Lumpur - (UniKL MIIT)	Roslinawati Binti Jaafar	Accepting Autism an Interactive Documentary	https://youtu.be/gUoEalzcnM

Diploma Category

No.	Contestant No.	Name	University	Supervisor Name	Project Title	Video Link
1	5MFYP-20-D-15	Nur Aliah Binti Zubir	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Aznilinda Binti Zainuddin	IoT Voice Recognition System With Smart Electrical Devices	https://youtu.be/lvYgvox9JIQ
2	5MFYP-20-D-12	Muhammad Syafiq Bin Mohd Khairi	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Khairul Kamarudin Bin Hasan	Technology of Capacitive Power Transfer in UAV Charging	https://youtu.be/IN3aznXh0CC
3	5MFYP-20-D-04	Fakhirul Aziff Bin Hamdan	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Ts. Zahari Bin Abu Bakar	Aquaponic Using Embedded System	https://youtu.be/qt4uWCZ82Vo
4	5MFYP-20-D-01	Alya Aqilah Binti Jelani	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Noor Hidayu Binti Abdul Rani	Palm Kernel Shell Characterization And Kinetic Analysis	https://youtu.be/vitD7qXfBPU
5	5MFYP-20-D-13	Muhammad Uzair Bin Ramlan	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Siti Sufiah Binti Abd Wahid	Fire Fighting Robot	https://youtu.be/xM5Rx-Y17vE
6	5MFYP-20-D-08	Muhamad Hakim Bin Zailan	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Siti Sufiah Binti Abd Wahid	Autonomous Fire Extinguisher	https://youtu.be/odBDL5enHq0
7	5MFYP-20-D-07	Muhamad 'Arif Bin Zuraimi	Universiti Teknologi MARA (UiTM) - Pasir Gudang	Khairul Kamarudin Bin Hasan	Technology of Wireless Electric Vehicle Charging (Capacitive Based Method)	https://youtu.be/1uQJIGRdCZY