

Photos - Winter 2024

Version 5

Published 4/25/2024 by [Karen Craigs](#) Last updated 4/25/2024 3:34 AM by [Karen Craigs](#)

The following electronics, computer engineering, and electromechanical automation projects were shown at the SEMET Technical Project Showcase on Thursday, April 18, 2024.

Congratulations to our overall Showcase winners!

Best in Class: Andres, Dairyan, Matt, Breej, and Andrea.



Best in Showcase: Andres and Matt.

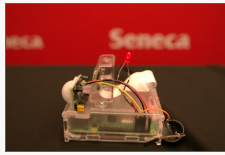


TPJ452: EEN Program

R01. IoT Smart Energy Meter - Chin & NsikakAbasi



R02. Motion Alert Monitoring System - Qiang & Yu



R03. ESP32-Based Driver Safety System with Enhanced Features - Smriti & Sandhya
(absent)

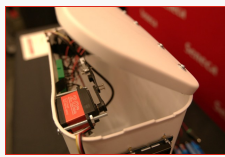
R04. Intelligent Parking Information System with ESP32 - Kent & Patrick



R05. Numberpad and Facial Recognition Door Lock - Andrea & Breej



R06. Touchless Can with IoT - Evan & Daniel



R07. IoT Indoor Air Quality Monitoring Device - Nabeel



TPJ655: Joint EET & ECT Programs



H01. Smart Pet Feeder with Health Monitoring - Mikhail & Hung Dung (Alvin)



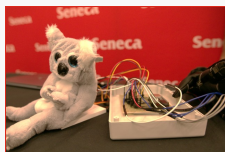
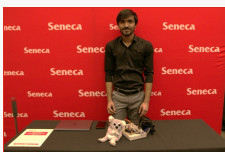
H02. Trash Trekker - Anmol & Yatin



H03. Intelli-Desk: Workspace Buddy - Aanshi & Jasveer



H04. Acceleron: Puppetry in Motion with IoT - Utsav



H05. IQ-Leaf: Smart Home Irrigation System - Lior & Joe (absent)

H06. Paranormal Pulse Ghost-Hunting Kit - Dairyan



H07. Time Rouse Pro Max: A Smart Alarm - Nhan & Jongho



H08. Tic-Tac-Toe: AI vs. Humans - Ammar & Omid

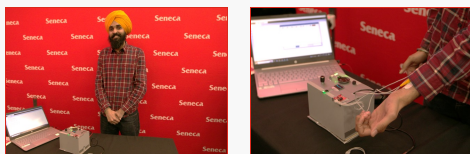


H09. Smart Luggage Helper - Ronmarson & Anh Quan



H10. Kitchen Productivity Gadget - Sador & Ismail (absent)

H11. Smart Health Monitor for Eldercare - Inderjot & Simon



T01. Two-factor Authentication System - Junjie & Sicheng



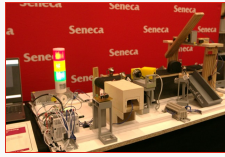
T02. Safe Drive Guardian System - Adarsh & Cristo (absent)

T03. Warehouse Inventory Management System - Samarth & Vraj

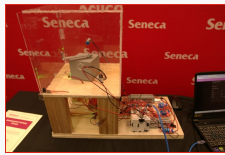


TPJ653: EMA Program

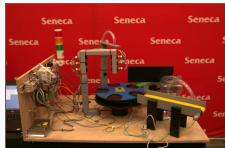
M01. Industrial Sorting Sensor - Rachel & Shrey



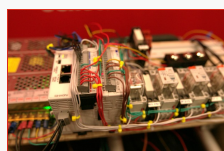
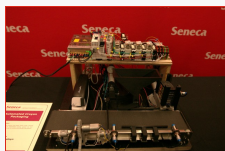
M02. Automated Safety Fence - Anjalin & Feni



M03. Automated Liquid Intelligent Containing Environment - Luis & Abishanth



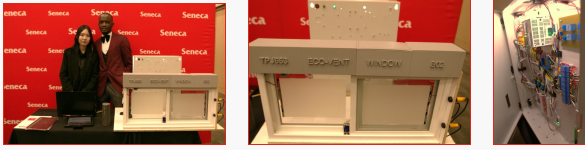
M04. Automated Crayon Packaging - Trent & Wilfred



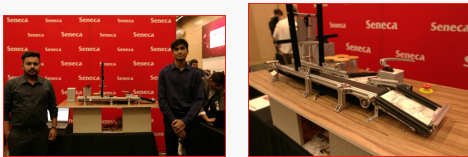
M05. Automated Colour Mixer - Carter & Mohammad



M06. Eco-Vent Window - Seoyeong & Chibuekem



M07. Jar Capping and Sorting Station - Videsh & Sahil



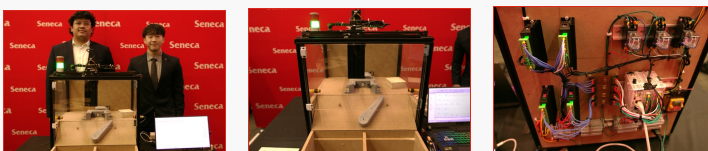
M08. Automated Water Bottle Filling and Capping Station - Tarek & Mohd



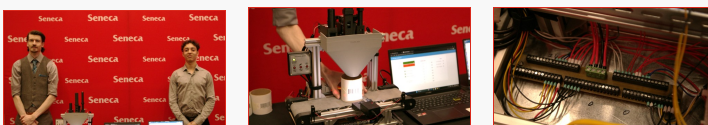
M09. Scara Robot 4DOF - Om & Harsh

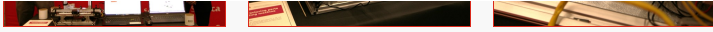


M10. PrecisionCraftDrill - Marco & Daniel



M11. Manufacturing Parts Vending Machine - Matt & Andres





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