Photos - Winter 2024
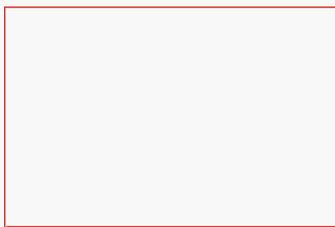
Version 5

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!

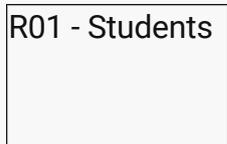**Best in Class**: Andres, Dairyan, Matt, Breej, and Andrea.
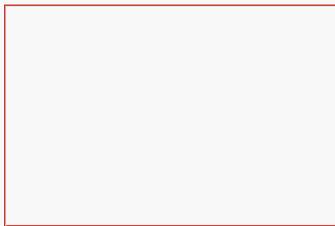
Best in Showcase: Andres and Matt.

TPJ452: EEN Program

R01. IoT Smart Energy Meter - Chin & NsikakAbasi

R01 - Students	R01 - Project

R02. Motion Alert Monitoring System - Qiang & Yu

R02 - Students	R02 - Project

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

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

R04 - Students	R04 - Project

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

R05 - Students	R05 - Project

R06. Touchless Can with IoT - Evan & Daniel

R06 - Student	R06 - Project

R07. IoT Indoor Air Quality Monitoring Device - Nabeel

R07 - Student	R07 - Project

TPJ655: Joint EET & ECT Programs

TPJ655NAB group picture

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

H01 Team
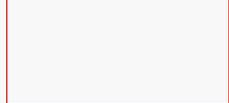
H02. Trash Trekker - Anmol & Yatin
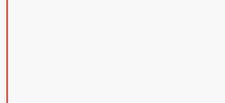
H02 Project

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

H03 Team

H03 Project

H04. Acceleron: Puppetry in Motion with IoT - Utsav

H04 Student

H04 Project

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

H06. Paranormal Pulse Ghost-Hunting Kit - Dairyan

H06 Student

H06 Project

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

H07 Team	H07 Project

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

H08 Students	H08 Project

H09. Smart Luggage Helper - Ronmarson & Anh Quan

H09 Students	H09 Project

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

H11. Smart Health Monitor for Eldercare - Inderjot & Simon

H11	H11 Project

T01. Two-factor Authentication System - Junjie & Sicheng

T01 - Students	T01 - Project

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

T03. Warehouse Inventory Management System - Samarth & Vraj

T03 - Students	T03 - Project

TPJ653: EMA Program

M01. Industrial Sorting Sensor - Rachel & Shrey

M01 - Students	M01 - Project

M02. Automated Safety Fence - Anjalin & Feni

M02 - Students	M02 - Project

M03. Automated Liquid Intelligent Containing Environment - Luis & Abishanth

M03 - Students	M03 - Project

M04. Automated Crayon Packaging - Trent & Wilfred

M04 - Students	M04 - Project	M04 - Closeup

M05. Automated Colour Mixer - Carter & Mohammad

M05 - Students	
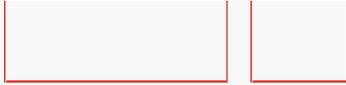
M06. Eco-Vent Window — Seoyeong & Chibuekem

M06 - Students	M06 - Project	

M07. Jar Capping and Sorting Station — Videsh & Sahil

M07 - Students	M07 - Project

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

M08 - Students	M08 - Project

M09. Scara Robot 4DOF — Om & Harsh

M09 - Students	M09 - Project

M10. PrecisionCraftDrill — Marco & Daniel

M10 - Students	M10 - Project	M10 - Closeup

M11. Manufacturing Parts Vending Machine — Matt & Andres

M11 - Students	M11 - Project	M11 - Closeup

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