



FAMU-FSU
Mechanical Engineering
Senior Design

31 Fully Funded
Projects
More than 120 Students
Involved

4 Engineering
Departments
3 International Projects
4 Entrepreneurial
Projects

Live Demos

Q&A with Team
Members

4/16/15 9AM-7PM

ME SENIOR DESIGN

OPEN HOUSE

(2014-15)

Oral Presentations, Poster Presentations and Live Demo

Come join us to the Mechanical Engineering Senior Design Open House! Experience the showcase of innovative, challenging, and impressive projects developed by our senior students.

Website: http://eng.fsu.edu/me/senior_design/

AME BUILDING

2003 Levy Avenue,
 Tallahassee, FL 32310

4/16/15

9:00 AM– 7:00 PM

Contact: Nikhil Gupta, Ph.D.
 Email: ng10@my.fsu.edu



FLORIDA A&M UNIVERSITY - FLORIDA STATE UNIVERSITY
COLLEGE OF ENGINEERING

ME Senior Design Open House Schedule 4/16/15

Time	AME 106 (Panel Judges: Van Dyke, Bower, Walker, Kenny)	CAPS 120 (Panel Judges: Potts, Payne-King, England)	MRB 114 (Panel Judges: Kreyzrewsky, Hollis, Hopwood)
9:00AM - 9:30AM	Team 15 – Development of Hammer Blow Test Device to Simulate Pyrotechnic Shock	Team 18 – Penetrometer Development	Team 19 – CNT Reinforced Ceramics 3D Printer
9:30AM - 10:00AM	Team 8 – AUVSI design competition	Team 27 – Electronic Synthetic Active Aperture Array Imager	Team 16 – Prototype machine for coating stabilized lithium metal powders
10:00AM - 10:30AM	Team 22 – Development functional Pedibus	Team 12 – REEF Subsonic WT articulating robotic arm	Team 7 – Solar Sausage for Desalination
10:30AM - 11:00AM	Team 11 – Weeding Robot	Team 14 – Solar Powered Wireless Infrared Monitoring System	Team 1 – Sealing Ring Testing & Characterization
11:00AM - 11:15AM	BREAK		
11:15AM - 11:45AM	Team 17 – Thermal Storage Device for Organic Ranking Cyclers	Team 9 – Hydrogen from microalgae and the collection and sensing systems microalgae	Team 10 – Portable kit for Alkaline Membrane Fuel Cell
11:45AM - 12:15PM	Team 24 – Magnetically Coupled Mixer/Pump System for Cryogenic Propellant Tank Destratification	Team 21 – Underground Robotic Gopher Tortoise Scope	Team 6 – Stow-Away Pool Table
12:15PM - 12:45PM	Team 23 – Development of a Wheel Force/Torque Sensor for Autonomous Ground Vehicles	Team 28 – Efficient Systems' Electric Bike Sharing	Team 30 – Development of Palm Fruit Harvester
12:45PM - 1:30PM	LUNCH		
1:30PM - 2:00PM	Team 31 – Design and Manufacture of a Rotorcraft	Team 25 – Taller Wind Turbine for Low Wind Speed Regions	Team 2 – Cummins Energy Saving
2:00PM - 2:30PM	Team 5 – Bi-directional Offset Lifting Bar	Team 29 – SoutheastCon 2015 Hardware Competition	Team 20 – High Cycle Fatigue of Electroactive Membranes
2:30PM - 3:00PM	Team 3 – Robots for Relief	Team 26 – Solar Sausage for electricity and potable water supply systems	Team 13 – Tabletop Torsion Device
3:00PM - 3:30PM		Team 4 – VTT Rotor: Back EMF Test Fixture	
3:30PM - 4:00PM	BREAK (Poster & Demo Setup)		
4:00PM - 6:00PM	Poster Session (AME 106)		
6:00PM - 6:30PM	BREAK (Food will be served)		
6:30PM - 7:00PM	MEAC feedback and Award Announcement (AME 106)		

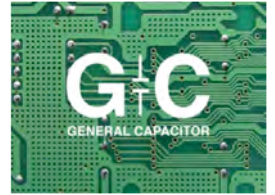
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