



### (1) Data, Agri- & Bio- Applications

- Data Processing & Memory Management
- Irrigation & Agricultural Water Management
- Photovoltaic & Electrochemical Devices
- Clinical Microbiome & Therapeutics
- Lighting & Illumination Systems

### (2) Smart Energy & Environmental Tech

- Microgrid & Distributed Energy Systems
- Battery Charging & Management
- HVAC & Thermal Regulation
- Wind Turbine & Rotor Control
- Meteorological Radar & Weather Forecasting

### (3) Combustion & Fuel Technologies

- Vehicle Control & Autonomous Powertrains
- Combustion Engine Control
- Exhaust & Emission Treatment
- Fuel Cell Systems & Electrodes

### (4) Aerodynamics & Turbines

- Aircraft Wing Aerodynamics & Control
- Turbine Airfoils & Cooling