Tools for ECE Information Gathering Topics

These topics were recently researched by University of Akron Challenge X team members. Challenge X is a three year student design competition among a small number of invited engineering schools, sponsored by General Motors. You will have an opportunity to participate in this competition as an ECE undergraduate. Your search results will be reviewed for possible omissions and update.

1. Power Train Architectures for Hybrid Vehicles.
2. Battery Management and Control for EB/HEV
3. Electric Motors and Drives for EV/HEV
4. Manufacturers/Manufacturing Hybrid Vehicles
5. Hydrogen/Fuel Cell Powered EV’s
6. Solar Powered EV’s
7. Regenerative Barking for EV’s
8. Battery Material and Topologies for EV’s