



## **FUTURETRON PROJECT BASED INTERNSHIP PROGRAM**

- 1. Locking and Unlocking system using Radio Frequency Identification Device for Electric Vehicles.**
- 2. Off grid solar charging system for Electric Vehicles to reduce range anxiety on highways.**
- 3. Solar roofing for parking lots to harness green energy for fast charging of Electric Vehicles.**
- 4. Designing the smart BLDC motor controller for pre diagnosis of Electric Vehicle.**
- 5. Over charging and Over discharging protection for Electric Vehicle batteries.**
- 6. Designing Battery Management System for Cell Balancing Lithium ion cells to increase the efficiency of charging.**
- 7. Quick balancing modular Battery Management System for power walls applications**
- 8. Electric mobility solutions using autonomous line follower and Radio Frequency controller.**
- 9. Human assisted load carrying Electric Vehicle for warehouse applications.**
- 10. Manually controlled electric garbage collection trolley**
- 11. Conversion of IC engine powered vehicle into electrically powered vehicle.**
- 12. Development of two wheeled hybrid vehicles which runs on fuel and electricity**
- 13. Developing a testing system to evaluate the efficiency of lithium ion battery packs.**

**NOTE: ANY PROJECT IDEAS ARE WELCOMED AND WILL BE GUIDED BY PROFESSIONALS**