Problem statements for APOGEE 2016

1. Develop Firmware Logic to assess the battery health and give indication through the inverter of the active life left in the battery as 'BAD' or will go bad in say 1-2 months' time.

2. Develop Logic to identify the type of battery connected to an inverter like Lead acid Flat plate / Tubular / VRLA using only the voltage & current sense from the battery. The logic should be intelligent enough to recharge each one of these to the optimal levels both when the batteries are new & when old.

3. Develop Electric Cycle with Solar panels for assisted driving.

4. Study & optimise process parameters to obtain the target oxidation level of Lead Oxide in Ball Mill Process.

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