



Internship Opportunities at Meine Electric

We are looking for passionate final-year students to join our team in Chennai for a 2-month intensive internship starting this May 2026. This is an opportunity to work on the future of Long Duration Energy Storage (LDES) and kickstart your career in cutting edge deep-tech science. Be part of a pioneering team building India's first Iron-Air Battery technology at scale & get hands-on experience. High-performing interns will be directly considered for full-time positions (PPO) upon completion.

1. Intern – Mechanical Engineering

Role: Support the design and mechanical integration of high-performance battery stacks and modules; Assist in creating 3D CAD models and 2D technical drawings; Participate in prototyping and physical assembly of battery stacks; Collaborate with the manufacturers & vendors to ensure Designs for Assembly (DFA).

2. Intern – Power Electronics

Role: Contribute to the electronic architecture of battery and the development of the Energy Management System (EMS); Assist in PCB layout design, parts sourcing, PCB fabrication and hardware debugging for battery control units; Work on power conversion circuits and communication protocols (CAN, I2C, etc.).

3. Intern – Electrochemistry & Material Science

Role: Drive the development and optimization of high-efficiency electrodes; Perform Design of Experiments (DOE) to evaluate new electrode compositions and electrolyte additives; Assist in the synthesis and coating processes of active materials.

4. Intern – Powder Metallurgy

Role: Optimize the manufacturing of a "one-of-a-kind" iron anode; Execute DOE for powder characterization, mixing, pressing, and sintering cycles; Analyse the porosity, density, and structural integrity of sintered anode samples; Troubleshoot issues related to powder flowability and metallurgical bonding; Document the relationship between metallurgical parameters and electrochemical performance.

5. Intern – Process Engineering

Role: Streamline workflows and optimize equipment across all departments to drive down costs; Assess machinery requirements and assist in the selection/calibration of new equipment; Review current process workflows to identify bottlenecks in battery assembly and material processing; Develop Standard Operating Procedures (SOPs) to ensure consistency across multidisciplinary teams.