



**Trivandrum Engineering
Science & Technology Research Park**

(A Government of Kerala Undertaking)

TRP/27/2025-TH(EV)/Internship

I/28375/2025

TrEST Research Park

Internship Opportunity - EV Drive Train Design and Analysis

TrEST Research Park invites applications for **offline internship positions** in the domain of **Electric Vehicle (EV) Drive Train Design and Analysis**. This program offers participants hands-on exposure to advanced simulation tools and methodologies in EV technology, enabling them to contribute to real-time research and industry-driven projects.

Eligibility

- Open to **M.Tech students** (Mechanical / Electrical background) who have successfully completed their **second semester**.
- **Prior working knowledge** of **MATLAB** and **ANSYS** with demonstrated application in design and analysis is **mandatory**.

Internship Mode & Duration

- Mode: **Offline (at TrEST Research Park)**
- Minimum Duration: **6 months**
- No of positions : **4**

Focus Areas

- EV drive train design principles and performance evaluation
- Simulation and modeling of drive train systems using MATLAB & ANSYS
- System-level analysis of efficiency, thermal performance, and integration challenges
- Exposure to ongoing industrial projects and lab facilities at TrEST

How to Apply

Interested candidates are requested to submit their **updated CV** along with a brief **Statement of Purpose (SOP)** highlighting relevant skills and prior project/academic work in MATLAB & ANSYS for EV applications.

✉ **Submission Email:** techead.trest@kerala.gov.in

📅 **Deadline:** 26/09/2025

Only shortlisted candidates will be invited for further evaluation.

CHIEF EXECUTIVE OFFICER