

PHISCAPE ROBOTICS PVT. LTD.



# EQUINOX

WINTER INTERNSHIP

2025

In Association With  
**College of Engineering, Munnar**

# Overview

## Equinox

Winter Internship

**Equinox: Winter Internship** is a 1 week hybrid(3 day online 2 day offline) immersive winter learning experience set in the scenic hills of Munnar. Designed for engineering and technology enthusiasts, the program blends hands-on technical training with outdoor adventure, team bonding, and a unique camp-style learning atmosphere.

Participants get to learn from industry experts from Phiscape & Philabs, gain practical experience, enjoy trekking, campfire nights, and return with upgraded skills and a certificate of completion.



## Why Join Equinox

- Learn directly from industry professionals
- Gain real-world technical exposure
- Receive internship certification
- Network with peers from multiple colleges
- Build a mini-project
- Enjoy a memorable winter camp experience

## Attractions



### Camp Experience

A fully guided camp setup with safe accommodation, evening activities, and networking.



### Campfire & Band Night

Enjoy a vibrant campfire night, live band performance under the Munnar sky.



### Trekking

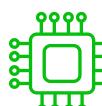
A refreshing sunrise trek guided by trained experts with breathtaking viewpoints.

# Syllabus Overview



## Data Science & AI

- Introduction to Machine Learning
- Data preprocessing
- Regression & classification models
- Basic neural networks
- Hands-on mini-project



## Embedded Systems & Robotics

- Basic Electronics
- Microcontroller Programming
- Sensors
- Motor control & actuation
- Basics of robot navigation



## EV Technology

- EV architecture
- Battery management systems
- Motor controllers
- Charging systems
- Mini case study



## Flutter Development

- Dart fundamentals
- UI building
- State management basics
- Building a simple mobile app



# Schedule

## DAY 1

8:30 AM	– Arrival at Munnar Town
10:00 AM	– Breakfast
10:30 AM	– Opening Session
11:00 AM	– Technical Sessions (Morning & Afternoon)
July	– Lunch
4:30 PM	– Tea Break & Fresh-up
6:00 PM	– Games & Activity
7:00 PM	– Dinner
8:00 PM	– Campfire with Band
10:00 PM	– Lights Off

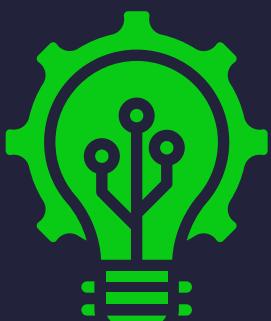
**Note:** A dedicated bus will be arranged from Munnar town to ensure safe travel to and from the camp venue, with coordinators accompanying participants throughout the journey.

# Schedule

## DAY 2

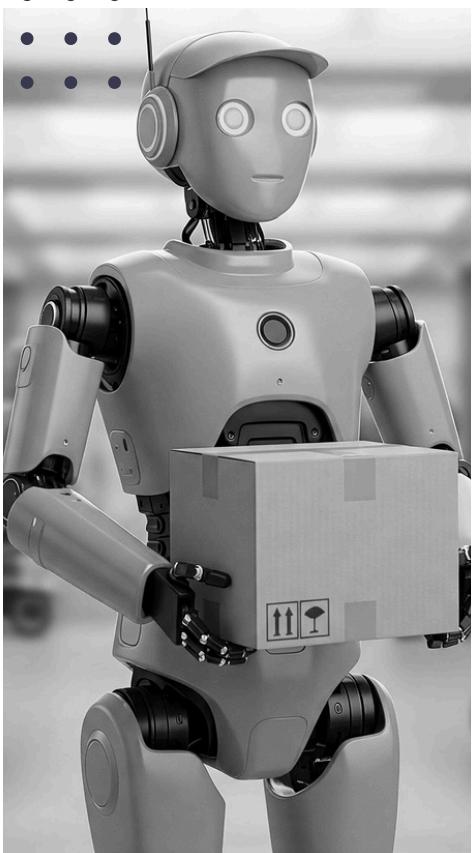
5:30 AM	– Wake Up
6:00 AM	– Morning Trek
8:30 AM	– Breakfast
9:00 AM	– Technical Session
9:00 AM	– Technical Session
12:30 PM	– Closing Ceremony + Group Photo
1:00 PM	– Lunch & Dispersal

## Pricing & Inclusions



### INR 3500 Package Includes:

- Accommodation
- Food (2 days)
- Transportation
- Sessions & workshop materials
- Trek + Campfire + Band night



# Contact Us



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**phiscape.com**



**College of Engineering,  
Munnar**

## Partners

**PhiLabs**



**PhiScape.**

