



# EV Open Program

Through this course for beginners, students will explore the working principles of electric vehicles, their importance, and their basic functions which are all illustrated with real-world case studies from projects.

EV 101

Application open now!

<https://ev.pupilfirst.org>

## Who is Eligible to apply?

- Students who are at least 18 years old and no older than 25 years old pursuing engineering undergraduate degree in India.
- Students should have knowledge of basic 12<sup>th</sup>-grade level Physics and Mathematics.

## What do I need?

- Access to a desktop/laptop (minimum Requirements - Pentium 4, Windows 7, 2 GB RAM, 5 GB Hard Disk Space).
- Access to a webcam for video conferencing.
- Stable Internet Connection.

## Do I need to pay?

No. Upto 100 students who are selected for the program will be offered 100% scholarship.

## What do I gain?

- You will learn about electric vehicles and how they function.
- You will be able to learn the simulation techniques used by major EV companies to calculate the performance and the range of an EV.
- You will learn about actual real-world range simulations, motor power, and torque calculations, and you will also be able to convert any petrol engine vehicle to electric.
- Learn the fundamentals of lithium-ion cells, how lithium-ion batteries work, and how they are charged.
- A community of fellow students and a discussion board to ask questions.
- AMA (Ask-Me-Anything) sessions with experts from the industry.
- Course completion certificate!

## Schedule

April 09, 2021 - Application Opens.

April 18, 2021 - Application Ends.

April 22, 2021 - Announcement of Selected Students.

April 23, 2021 - Program Begins.

May 16, 2021 - Program Ends.

May 24, 2021 - Announcement of Results.