



## SAEINDIA SOUTHERN SECTION and

## DEPARTMENT OF AUTOMOBILE ENGINEERING MIT Campus, Anna University, Chennai

Cordially invite you for the Inauguration

of

# Workshop on Electric Two Wheeler Design

on 25th JANUARY 08.45 am

at

Prof. G. C. Garg Hall, Department of Automobile Engineering

Presided by

Prof. Dr. T. THYAGARAJAN

Dean, MIT Campus

**Chief Guest** 

Dr. RAMESH PUDALE

MFG Account Manager Autodesk Education Experiences

#### Workshop on Electric Two Wheeler Design

Department of Automobile Engineering and SAEINDIA Southern section jointly organised two-day workshop on "Electric Two Wheeler Design" On 25<sup>th</sup> January and 26<sup>th</sup> January 2020.

#### **About the Workshop**

Most automobile companiesare vowing to switch to electric, a cleaner and sustainable alternative. There is a surge in demand for skilled workforce inelectric and hybrid vehicle technologies. But the industry is facing shortage of aptly skilled workforce needed for the transition. This two-day workshop aims at addressing the gap and deliversthe fundamentals, advanced knowledge and hands-on lab sessions in design, analysis, control and operating characteristics Electric Two Wheeler.

A team of experts from AVL India and Autodesk India conducted the session related to Vehicle Architecture, Powertrain Design Calculations, Suspension, Brakes & Steering system-Design calculation, Frame – Design & FEA, Motor & Battery overview, Controller & Power Electric drive, Safety, Regulation & Homologation.

Around 290 students from 8 states across India participated in this workshop.

DAY 1





Chief Guest addressing the students



#### **Memento for the Trainers**



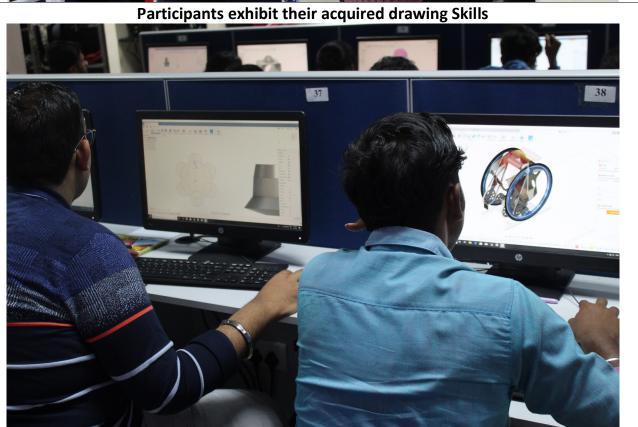
Participating troubleshooting the EV



### Workshop on Electric Two Wheeler Design

Day 2





### **AVL** training







# Number of participants (state wise)

S.No	State	No. of teams	Number of participants
1	TAMIL NADU	27	128
2	KERALA	12	60
3	TELAGANA & AP	12	60
4	GUJARAT	3	16
5	MAHARASTRA & RAJASTHAN	4	14
6	KARNATAKA	3	12
TOTAL			290

#### Feedback from the participants

