Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil College of Engineering Satara

Name of the Program**: Mechanical Engineering**

Experiential Learning

Name of Course Coordinator – **Prof. Dayanand Ghatge** Academic Year- 2024-25

Class: **T.Y.** Sem-**V** Course Name- **Automobile Engineering**

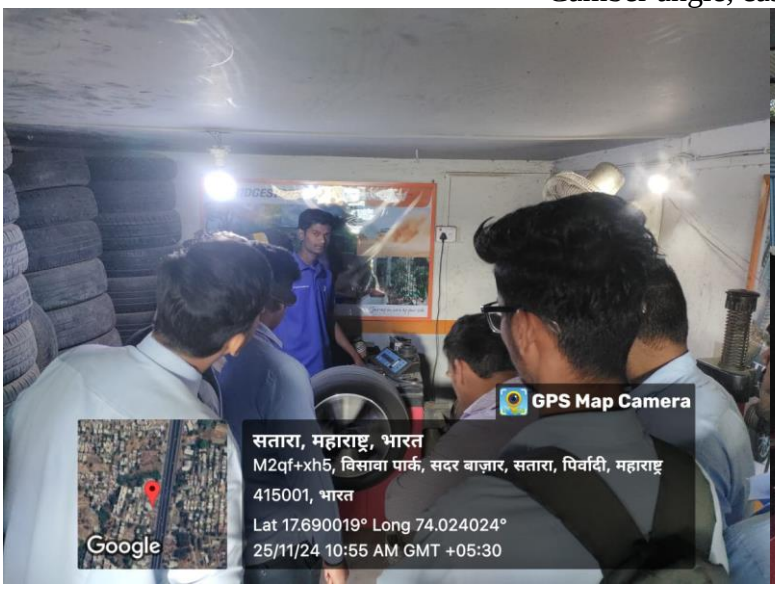
Date- 25/11/2024

1)	Name of Students Participated:	All students of TY Mechanical Engineering
2)	Types of Experiential Learning used (Apprenticeships, Clinical experiences, Fellowships, Field work, Internships, Practicum's, Service-learning, Simulations and gaming/role-playing)	Industrial visit to Bharat Tyres, Bombay Restaurant chouk Satara
3)	Learning Process	Students are advised to learn the process of Wheel balancing Students are advised to study the Wheel alignment process.
4)	Learning Objective	To study the process of Wheel balancing To study the Wheel alignment process
5)	learning resources and information	Wheel balancing machine Wheel alignment set up.
6)	Outcome of Learning	At the end of the field work, students are able to demonstrate the wheel balancing process and wheel alignment process.

Wheel balancing is often clubbed with wheel alignment, but they are not the same. Wheel balancing is required to ensure smooth driving, stability, and safety of your car tyres. Tyre balancing refers to compensation for weight imbalances in the wheel and tyre combo.

Wheel alignment refers to the adjustment of your car's suspension – the system connecting the wheels to the vehicle. It includes adjusting the angles at which the wheels and tyres are positioned to make

contact with the road. A wheel alignment mechanic checks the Camber angle, caster angle & TOE when adjusting the wheels.



Wheel Balancing

Wheel Alignment

Group Photo

Sign. of the Faculty