

**Viraj Indrajeet Pasare**

*Vpasare11@gmail.com*

➤ **Educational Qualification:** MTech (Automobile Engineering), B.E. (Mechanical Engineering), Diploma (Automobile Engineering)

➤ **Experience:** 1. Teaching – 9 years 2. Industrial – 0.6 years

➤ **Contact No:** 9960518701

➤ **Areas of Interest** – I. C. Engines, Vehicle dynamics, Strength of materials.

➤ **Memberships:** Society of Automotive Engineers.

➤ **Courses Handled:.**

1. Analysis of Mechanical Elements
2. Automobile Engineering
3. Fluid and turbo machinery
4. Refrigeration and Air conditioning
5. Thermodynamics

➤ **Administrative responsibilities:**

1. Departmental record keeping – Coordinator
2. Society of Automotive Engineers – Co- coordinator
3. Industry Institute Interaction cell – Coordinator
4. Departmental Lab Development cell – Coordinator
5. Technostav (Technical Event Competition) – Coordinator
6. Cultural Activities – Member
7. Refrigeration and air conditioning – Lab In – Charge

➤ **Publications:**

6

➤ **Research Projects:**

1. Design and optimization of gear box for commercial vehicle to reduce rattling noise.
2. Design of steering and braking system for self propelled onion harvester.
3. Design and manufacturing of Suspension for student's formula car.

➤ **Awards and Accolades:**

1. Received Gold Medal for post graduate degree.
1. Best project award for academic year 2017-2018 – Self propelled onion harvester.
2. Best project award for academic year 2018-2019 – Formula Bharat Racing Car.