Savitribai Phule Pune University, Pune
Co-Curricular Course for UG for all faculties

CC151_5 Promoting Road Awareness for Youth and Safety (PRAYAS)

For Semester II / III / IV   Credits: 2,   Marks: 50   Total hours: 45-60 hours

(**Note:** This co-curricular course can be conducted by the college in any one semester and evaluated for the same as per the convenience of the college/institution.)

Module 1 – Traffic Rules & Signs (6 Hours)

- 2 hrs – Video lessons (road signs, speed, pedestrian safety)
- 1 hr – Webinar: *"Why Rules Save Lives"* (Traffic Police official)
- 1 hr – Case studies (Pune accidents, PDF + discussion)
- 2 hrs – Seminar + Quiz

Module 2 – Licence & Legal Awareness (5 Hours)

- 2 hrs – Video lessons (Licence process, penalties, insurance, PUC)
- 1 hr – Mock RTO test (via LMS, interactive quiz)
- 1 hr – Webinar: *"Legal rights & responsibilities of drivers"* (RTO official)
- 1 hr – Seminar Q&A

Module 3 – Helmets, Safety Gear & First Aid (8 Hours)

- 2 hrs – Demo videos (Helmet, ISI mark, seatbelts, reflective jackets)
- 2 hrs – Seminar (hands-on demos in college)
- 2 hrs – Practical mock drill (accident response, CPR intro)
- 1 hr – Webinar: *"Golden Hour & First Aid Awareness"* (doctor/NGO)
- 1 hr – Quiz & safety gear checklist

Module 4 – Balancing, Vehicle Maintenance & Eco-Driving (7 Hours)

- 2 hrs – Video tutorials (daily checks, fuel efficiency, eco-driving)
- 2 hrs – Practical balancing drills (two-wheeler, supervised)
- 1 hr – Seminar (four-wheeler maintenance basics)
- 1 hr – Webinar: *"Smart Driving = Safe Driving"*
- 1 hr – Quiz

Module 5 – Pollution Control & Green Mobility (5 Hours)

- 1 hr – Video: PUC importance, horn & silencer issues
- 1 hr – Seminar: *Green Mobility* (EV awareness, eco-driving)
- 1 hr – Webinar with MPCB expert
- 1 hr – Activity: On-campus PUC & anti-honking drive
- 1 hr – Quiz

Module 6 – New–Age Driver Training (7 Hours)

- 2 hrs – Simulator-based training (or digital driving modules)
- 2 hrs – Webinar: *"EVs & Future of Mobility"*
- 1 hr – Telematics/navigation tools (app-based learning)
- 1 hr – Seminar Q&A
- 1 hr – Quiz

Module 7 – Driving Behaviour & Road Safety (7 Hours)

- 2 hrs – Video: behaviour risks (speeding, distraction, substance)
- 1 hr – Webinar: *"Psychology of Safe Driving"* (behavioural expert)
- 2 hrs – Seminar: road rage, emotional control, respect on roads
- 1 hr – Group discussion (student role plays)
- 1 hr – Final quiz & feedback

Total = 45 Hours

- **Online LMS (Videos, PDFs, Quizzes):** ~18 hrs
- **Webinars (Experts):** ~9 hrs
- **Seminars (Classroom/College):** ~10 hrs
- **Practical Demos & Drills:** ~8 hrs

Expected Outcomes (Overall)

- **Increased helmet and seatbelt use** among youth, with at least **25% rise in compliance** reported during random college/community surveys.
- **Improved first-aid readiness**: students trained in **Golden Hour response** (CPR basics, bleeding control, shifting patients safely, and emergency helpline usage).

- **Higher compliance with traffic rules** (stopping at signals, lane discipline, zebra crossings) through role-play and case-based learning.

- **Reduction in risky behaviours**, including:

  - Lower incidence of **drunk/drug-influenced driving**.

  - Reduced **mobile phone use while driving/riding**.

  - Decrease in **over speeding and rash driving** cases among trained youth.

- **Eco-friendly driving habits adopted**: regular PUC checks, reduced honking, efficient fuel usage, and increased EV awareness.

- Increased **respect for pedestrians and vulnerable road users**, reflected in safer behaviour around zebra crossings and school zones.

- Contribution to long-term reduction in **road fatalities and accidents in Pune**, in alignment with national and state road safety missions.

References

1. World Health Organization (WHO) – *Global Status Report on Road Safety 2023*.

2. Ministry of Road Transport and Highways, Govt. of India – *Road Accidents in India, 2022*.

3. Maharashtra Traffic Police – *State Accident Data, 2023*.

4. Pune City Traffic Police – *Annual Accident Report, 2023*.

5. Australian Government – *Graduated Licensing Scheme (GLS) Evaluation Reports*.

LMS Tracking & Monitoring Module

The LMS will not only deliver videos, PDFs, quizzes, and assignments but will also track outcomes and generate reports for each student and college.