

## **AT8612 TWO AND THREE WHEELERS LABORATORY**

### DETAILED SYLLABUS

#### **OBJECTIVES:**

- To train the students to conduct performance test on two and three wheelers
- To train the students to dismatle and assemble the gear box, steering system etc.,

#### **LIST OF EXPERIMENTS**

1. Performance test of a two-wheeler using chassis dynamometer.
2. Performance test on shock absorber
3. Performance test on coil spring.
4. Two-wheeler chain test
5. Brake and Clutch adjustment as per specification.
6. Dismantling and assembling of two-wheeler gear box and finding gear ratios
7. Dismantling and assembling of three-wheeler box and finding gear ratios
8. Three-wheeler brake and clutch play adjustment
9. Dismantling and assembling of three-wheeler steering system.
10. Study of three-wheeler chassis frame and power transmission system.