System Features
- Design and development of lighting and signaling devices.
- Study on the Driver's Visibility with respect to Incident Light and other parameters.
- Studies on Parametric Design on Head Lamps.

System Description

Tesca Automotive Lighting & signaling system Trainer 32549 demonstrators are trainers the latest Automobile technology behind a modern cars. This technology is based on many electrical components such as: Sensors, Actuators, and Electronic circuits. Control units control those components.

The trainer comprises of actual automotive components and electrical circuits. They demonstrate (according to the demonstrator type) the function of components and circuits in various conditions of the vehicle, by enabling the trainee to simulate those conditions by means of the demonstrator controls.

Automotive Lighting - Head Lamp, Tail Lamp, Blinker Lamp, Halogen Lamp, Work Lamp, Off-Road Lamp, Side Marker Lamp, License Lamp, Rear Stop Lamp, Front/Fog Auxiliary Lamp, Reversing Lamp, Number Plate Lamp, Roof Lamp, Beacon Lamp, Warning Triangle, Bulb, Other Decorative Lights

List Of Experiments
- Function test of the lighting system.
- Functional testing of the signaling equipment: Brake fluids/Fuel Level/Engine Oil/Engine Temperature
- Driving: Operational electrical System; Driver seat adjustments
- Execution of adjustment work on the headlamps.
- To study of rear lighting(Trailer & Towing Vehicle).
- Experiment of Headlamps with flasher facility.
- To study of Interior courtesy lamp (Switch Function).
- To study of Interior courtesy lamp (Lamp current).
- Experiment of fog lamp system with relay.
- Experiment of headlamps with 2 relays.

Note: Specifications are subject to change.