

## CAREER PATHWAY

# MECHANIC AUTO ELECTRICAL AND ELECTRONICS



### SKILLS TAUGHT IN ITI

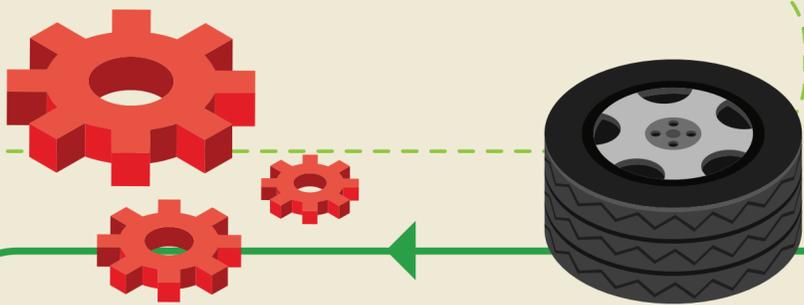
- Understanding of engine components in petrol and diesel engine
- Diagnosis and repair of dashboard gauges
- Rectifying fault in ignition, starting and charging systems
- Understanding and rectifying fault in fuel system and vehicle sensors
- Tracing and rectify faults in the control system (electronic power steering, Anti-Braking System (ABS), automatic transmission system) of the vehicle
- Repair and adjust air conditioner and other accessories (headlight circuit, flasher circuit, electric horn, wiper motor, car audio, power window, immobilizer, and air bag circuit)

### SKILLS NEEDED BY COMPANY

- Ability to follow the vehicle service manual
- Ability to do qualitative work
- Handle tools and equipments safely

### JOB OPPORTUNITIES AFTER ITI

- Central governments job in airports, railways, integral coach factory, etc.
- Automobile workshop and transport corporation of central & state governments
- Micro, small, medium scale industries
- Regional workshops
- Workshop assistant in ITIs and engineering institutions
- TVS, Hyundai, Honda, Yamaha, Maruti Suzuki companies and service centers



### CAREER PATHS FOR THIS TRADE

#### ENTRY LEVEL

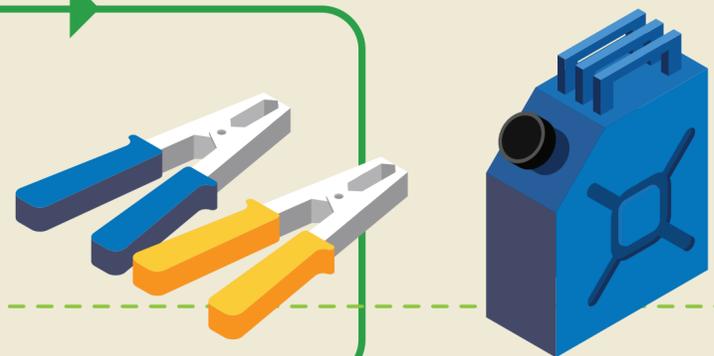
Semi skilled Technician, Helper, Workshop Assistant

#### MIDLEVEL

Skilled Technician, Foreman, Junior Training officer (JTO)/Assistant Training officer (ATO)

#### SENIOR LEVEL

Manager, Entrepreneur, Self-employment, Training officer



### UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC)
- Craft Instructor Training Scheme (CITS) to become an instructor in ITSs
- Advanced Diploma (vocational) courses under DGT as applicable