

## CAREER PATHWAY

# MECHANIC AUTO BODY PAINTING



### SKILLS TAUGHT IN ITI

- Check and interpret vehicle specification data and vehicle identification number
- Select & operate various service station equipments
- Identify various vehicle parts
- Service, repair and maintenance of air compressors and air lines
- Learn arc and gas welding
- Prepare surfaces for painting by using scrapers, abrasives, chemical removers or other means
- Select and mix paints to produce desired colour combinations and consistency
- Apply decorative or protective materials such as paint, enamel or lacquer including synthetic paint on articles of wood and metal using spray painting equipment
- Press trigger as well as direct spray of prime and finished coats of paint over surfaces to ensure smooth and even finish
- Identify paint shop equipment and list out pre-paint preparation steps ( sanding, masking, buffing, and detailing)

### SKILLS NEEDED BY COMPANY

- Ensure good quality paint job
- Familiar with the causes and effects of corrosion in automobiles
- Know-how about methods of corrosion protection
- Ability to use different painting tools and equipment
- Knowledge of disassembly, assembly, and cleaning of paint guns
- Know-how about using the correct paint application

### JOB OPPORTUNITIES AFTER ITI

- Automobile service centers and production areas
- Workshop Assistant in ITIs.
- Central government organizations like Railways and Heavy Vehicle Factory(HVF)
- State government organizations like Transport corporation and government automobile workshops
- Micro, small, and medium enterprises

### CAREER PATHS FOR THIS TRADE

#### ENTRY LEVEL

Semi-skilled Technician, Helper, Workshop Assistant

#### MID LEVEL

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

#### SENIOR LEVEL

Manager, Entrepreneur, Self-employment, Training Officer

### UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC Certificate).
- Crafts Instructor Training Scheme (CITS) to become an instructor in ITIs.
- Advanced Diploma (Vocational) courses under Directorate General of Training (DGT) as applicable

