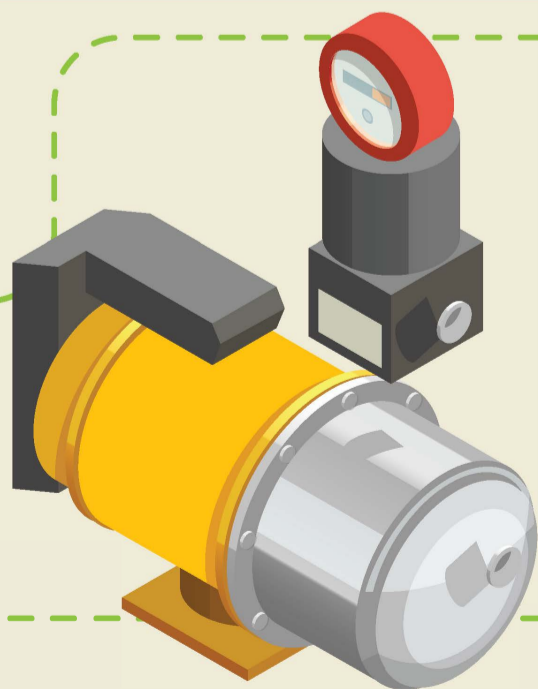# PLUMBER

SKILLS TAUGHT IN ITI

- Practical training in fitting different types of pipes
- Providing drinking water connection to residences
- Solid waste management and other waste water removal methods
- Rain water removal & rain water harvesting
- Install hot water lines & knowledge of fixing hot water mixing valves
- Knowledge of water quality parameters, suspended and dissolved impurities, & methods of treating water
- Install different types of pump sets

SKILLS NEEDED BY COMPANY

- Method of supplying water using various metal and non-metal pipes, pipe fittings, valves and faucets
- STP (Sewage Treatment Plant) & WWTP (Wastewater Treatment Plant) operation and maintenance
- Fixing hot water equipment and rectifying and faults
- Installing sanitary appurtenances & sewage water tanks
- Use of fire hydrants, fire hoses and other fire fighting equipment

JOB OPPORTUNITIES AFTER ITI

- Workshop Assistant and Store Assistant in the ITI's
- Maintenance Plumber in industries, commercial complex, & theatres
- Installation and maintenance of plumbing fixtures in universities, colleges, & training centres
- Plumber, Technician & Operator in the water treatment plants
- Providing drinking water connection, rectifying faults in the corporation, municipality, and Block Development Office(BDO)

CAREER PATHS FOR THIS TRADE

ENTRY LEVEL

Plumber Helper, Assistant, Welder Assistant, Plumber Maintenance and Servicing Assistant, Plumber Mason, Plumber Pipe Fitting Assistant, Workshop Assistant and Store Assistant

MIDLEVEL

Plumber General, Plumber Maintenance and Services, Plumber Pipeline, Plumber Fitter, Plumber Welder, Tap Inspector, Plumbing Contractor

SENIOR LEVEL

Plumbing Foreman, Training Officer, Plumbing Supervisor, Plumbing Site Engineer, Plumber Pumps and EIM Mechanic, Licenced Contractors

UPSKILLING OPPORTUNITIES

- Diploma course in notified branches of engineering through lateral entry
- Apprenticeship (NAC Certificate)
- Crafts Instructor Training Scheme (CITS) to become an instructor in ITIs