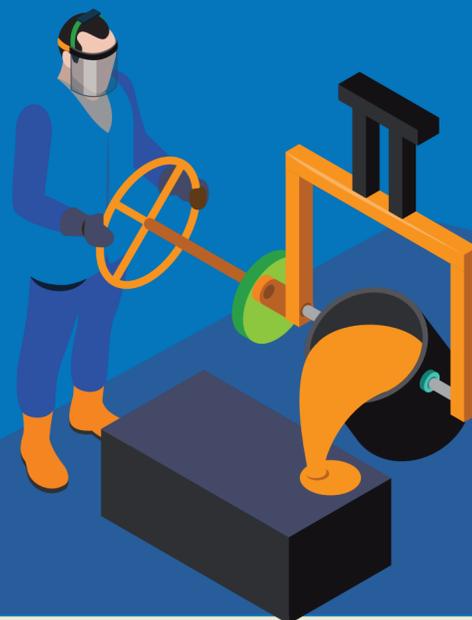


## CAREER PATHWAY

# FOUNDRYMAN TECHNICIAN



### SKILLS TAUGHT IN ITI

- Select and use proper hand tools and measuring instruments
- To perform the various types of sand testings
- To make and operate the different types of moulds and core making machines using different types of techniques
- Lining, relining and preparing different types of furnaces for melting cast metals
- To understand the technical drawing and produce the components as per the drawing
- Fettling, finishing and inspection of components

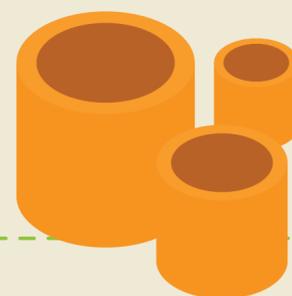


### SKILLS NEEDED BY COMPANY

- Proficiency in Safe Working Practices, Environment Regulation and Housekeeping
- Operate the different types of mould and core making machines
- Preparation of hand moulds
- Assist different types of furnaces
- Maintenance of machines for causes of operating errors

### JOB OPPORTUNITIES AFTER ITI

- Workshop Assistant Posts in Government ITI and Engineering institutions
- Junior training officer posts in Government ITI
- Government (Central & State)– RAILWAYS, ORDNANCE FACTORY BOARD, NAVAL DOCKYARD, HINDUSTAN AERONAUTICS LTD., etc.
- Private – Ashok Leyland, HYUNDAI, TVS, LMW, TATA, HITACHI, L&T, SEFORGE LTD., BREAKS INDIA, WHEELS INDIA, TEXMO, AQUASUB, etc.
- Foreign countries opportunities in UAE, Singapore, Malaysia, etc.
- Other -Micro, Medium and Small-scale Industries



### CAREER PATHS FOR THIS TRADE

#### ENTRY LEVEL

Hand mould and core making trainee / Mould and core making Machine Operator Trainee, Furnace operator trainee, Fettling trainee, Foundry lab trainee & Semi-Skilled Technician

#### MIDLEVEL

Hand mould and core maker, Mould and core making machine Operator, Furnace operator, Fettling operator, Foundry lab technician Skilled technician, Foreman, Supervisor

#### SENIOR LEVEL

Shift engineer, Senior engineer, Entrepreneur

### UPSKILLING OPPORTUNITIES

- National Apprenticeship Certificate (NAC)
- Craft Instructor Training Scheme (CITS) in the Trade for becoming Instructor in ITIs
- Regular and part-time Diploma Courses in Polytechnic Colleges
- Short term courses like Autocad, Pro E, Solid Works and NDT level 1 in NSTI (National Skill Training Institute) and other institutes