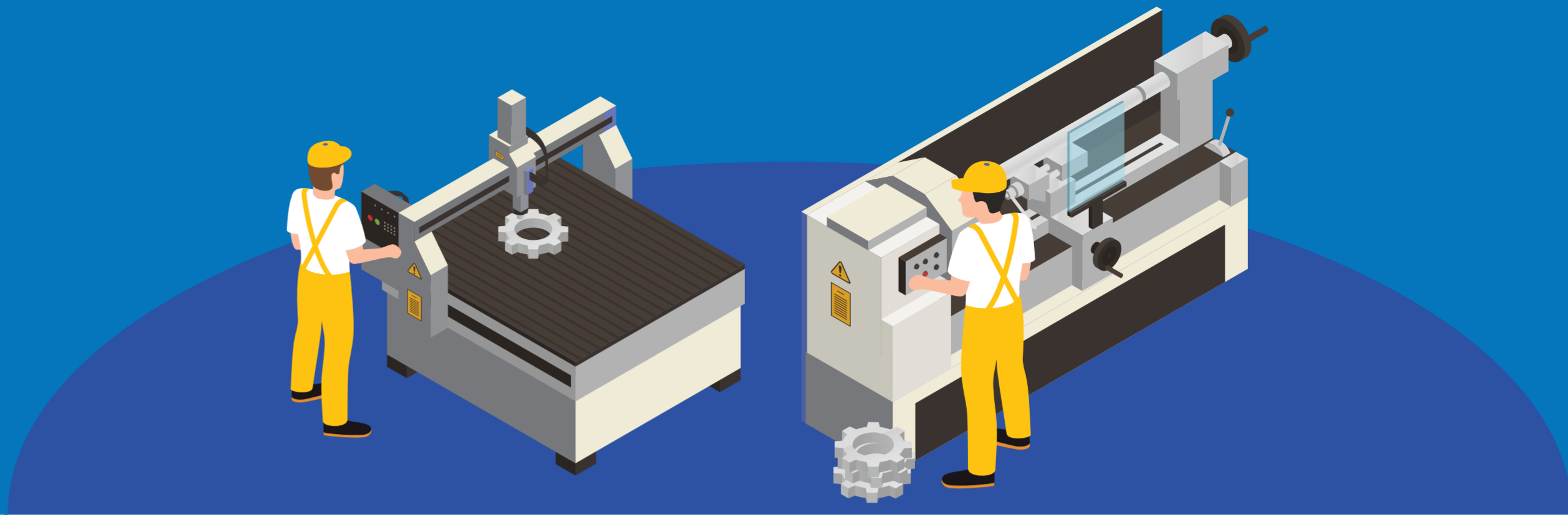


CAREER PATHWAY

TURNER



SKILLS TAUGHT IN ITI

- Operation, control, & monitoring of lathe machines and other equipment
- Plan and organize to work on a job as per drawing
- Select and use proper work holding and tool holding devices
- Grind & prepare the cutting tools
- Perform various lathe operations, both LH / RH (Left hand / Right hand), for facing, turning, boring, threading cutting, parting, & grooving
- Practice machine operations in the simulation software
- Operate and produce components on Computer Numerical Control (CNC) turning centre as per drawing

SKILLS NEEDED BY COMPANY

- Operate conventional & CNC lathes
- Test and align lathes by checking different parameters
- Troubleshoot & ascertain causes for operating errors

JOB OPPORTUNITIES AFTER ITI.

- Workshop Assistant in government ITIs and engineering institutions.
- Government (central & state)– Hindustan Machine Tools Limited (HMT), Railways, Bharat Heavy Electricals limited (BHEL), Neyveli Lignite Corporation (NLC), Heavy Vehicles Factory (HVF), and steel factories
- Private companies like Ford, Hyundai, Batliboi, Tvs, Lakshmi Machine Works Ltd. (LMW), Tata Group, & Ashok Leyland
- Micro, small, & medium enterprises

CAREER PATHS FOR FOR THIS TRADE

ENTRY LEVEL

Machine Operator Trainee, Machine Operator, Semi-skilled Technician, Workshop Assistant in ITIs

MIDLEVEL

CNC Machine(Lathe) Operator, Skilled Technician Grade (I,II,II), Programmer, Junior / Assistant Training Officer, Foreman, Supervisor

SENIOR LEVEL

Junior Works Manager, Works Manager, Shift Engineer, Training officer, Self-employed, Entrepreneur

UPSKILLING

- Apprenticeship (NAC Certificate)
- Crafts Instructor Training Scheme (CITS) to become an instructor in ITIs
- Diploma courses in polytechnic colleges
- Short term courses like AutoCAD, Pro Engineer (Pro E) , Solid Works and Edgecam at National Skill Training Institute (NSTI)

