

CAREER PATHWAY

DRAUGHTSMAN CIVIL

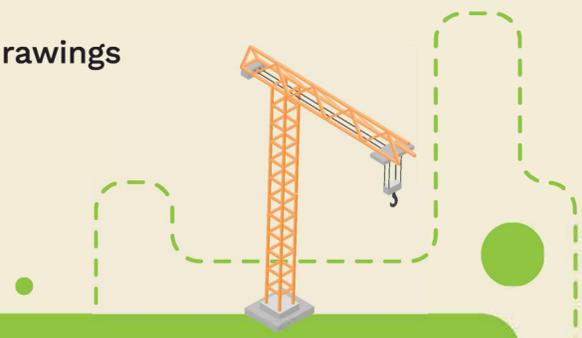


SKILLS TAUGHT IN ITI

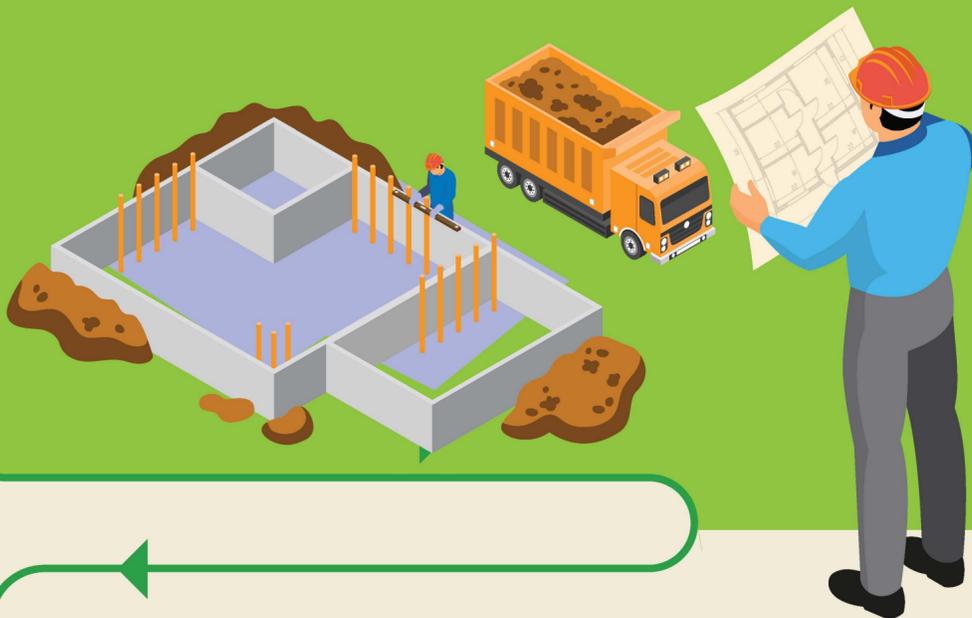
- Prepare drawings of all types of buildings, RCC (Reinforced Cement Concrete) Structures, steel sections etc. manually and using CAD (computer-aided design)
- Create objects on 3D modelling using CAD
- Prepare estimates.
- Prepare site plan and maps using survey instruments.

SKILLS NEEDED BY COMPANY

- Prepare approved building drawings using CAD and estimation
- Prepare structural drawings
- Innovative Skills
- Interpersonal Skills



CAREER PATH



ENTRY LEVEL

Assistant draughtsman,
Front line supervisor

MIDLEVEL

Draughtsman,
Site supervisor

SENIOR LEVEL

Senior draughtsman,
Senior site supervisor, Entrepreneur

JOB OPPORTUNITIES AFTER ITI

- Vacancies for Draughtsman in State Government in Public Works Department (PWD), Highways, Chennai Metropolitan Development Authority (CMDA), Tamil Nadu Housing Board (TNHB), Directorate of Town and Country Planning (DTCP)
- Central Government jobs in Railways, Indian Space Research Organization (ISRO), Central Leather Research Institute (CLRI) and Public sector undertakings
- Vacancies for Road Inspector in Rural Development Department.
- Vacancies for workshop assistant in ITIs.
- Foreign job opportunities in civil engineering works
- Construction related jobs in multinational companies in India and abroad.

UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC Certificate)
- Craft Instructor Training Scheme (CITS) to become an instructor in ITI
- Diploma courses in polytechnic colleges
- Short term courses on Structural Analysis and Design Software Application (STAAD.Pro), REVIT software for Building Information Modeling (BIM)