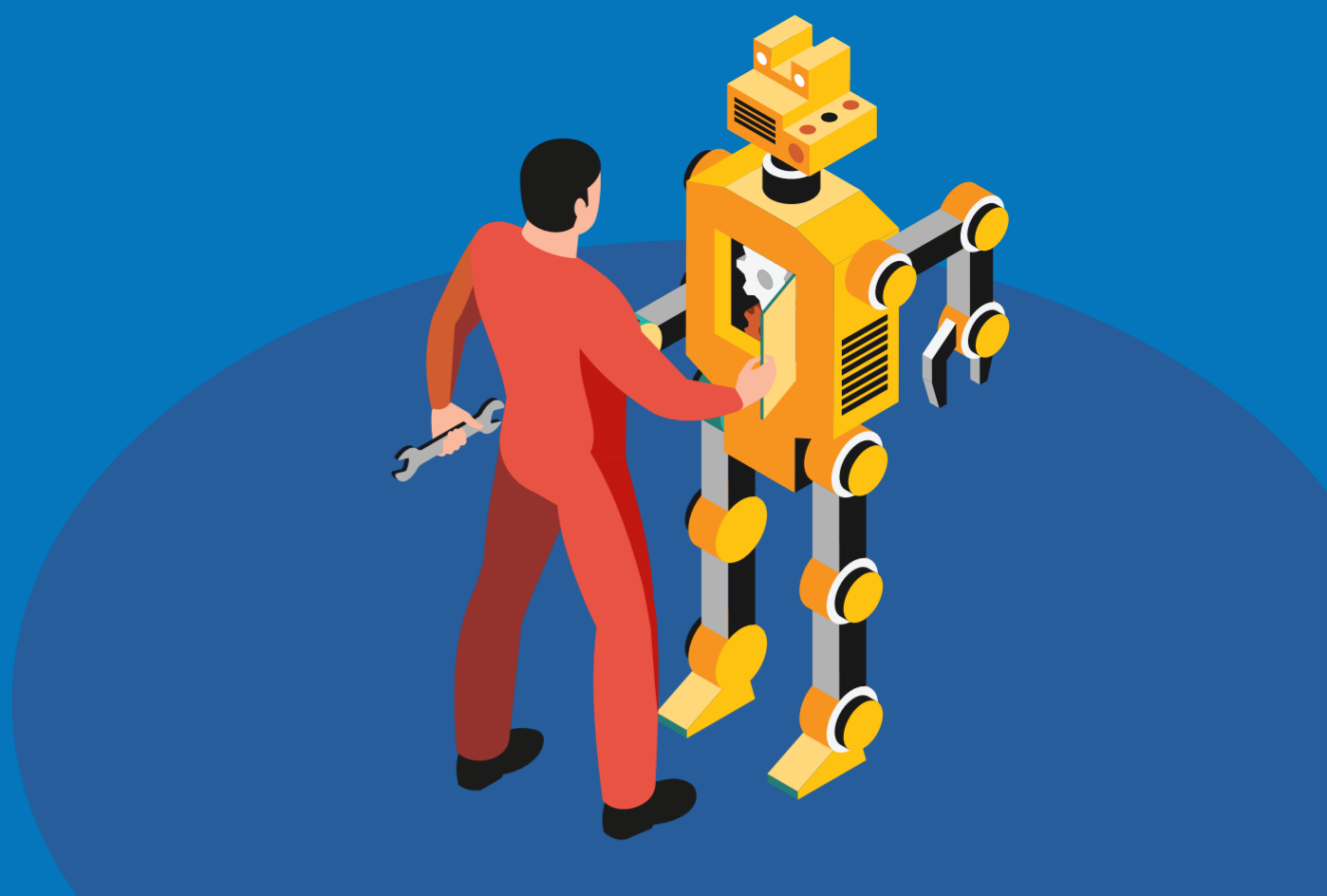


CAREER PATHWAY

TECHNICIAN MECHATRONICS



SKILLS TAUGHT IN ITI

- Machining Mechanical Parts In Conventional and CNC Machines.
- Combining Components and Parts.
- Assembling and Testing Electrical, Pneumatic and Hydraulic Control System.
- Programming and Commissioning Mechatronics System.
- Installing and Testing Hardware and Software Components.
- Work Principles of Robots and Automation Technology.

SKILLS NEEDED BY COMPANY

- Extra Numerical Ability
- Critical and Analytical Ability
- Problem Solving Skill
- Good Communication Skill and Computer Knowledge

JOB OPPORTUNITIES AFTER ITI

- Technical Assistant Post In Government And Private Technical Institutions.
- Government Sector jobs in Defence Research and Development Organisation (DRDO), Indian Space Research Organisation (ISRO), Oil and Natural Gas Corporation (ONGC), Bharat Heavy Electricals Limited (BHEL), Railways, Defense Production companies and Forensics Department.
- Private Sector Jobs in Industrial Automation Companies Such as Siemens, Asea Brown Boveri (ABB), Rockwell automation, Schneider electric, Mitsubishi electric etc.

CAREER PATHS FOR THIS TRADE

ENTRY LEVEL

Machine Operator trainee,
System Technician, Technical Assistant

MIDLEVEL

Machine Operator,
System supervisor, Technical trainer

SENIOR LEVEL

Junior Works Manager,
Junior System Engineer,
Technical Officer, Entrepreneur



UPSKILLING OPPORTUNITIES

- Diploma course in Mechatronics Engineering by lateral Entry (Full time or Part time).
- Skill Council Certification Programmes at Centre of Excellence by Siemens Manufacturing.
- Manufacturing Skill Standard Council (MSSC) certification Programmes.
- Apprenticeship program leading to National Apprenticeship certificate (NAC).
- Crafts Instructor Training Scheme (CITS) in the trade for becoming instructor in ITIs.
- Advanced Diploma (Vocational) courses under DGT as applicable.

