

About Learn & Earn Program

Diploma in Mechanical (Manufacturing Technology)

GTU has signed a MoU on 14th August, 2020 with Techno Trends Autopark Private Limited (commonly called as TAP which is a subsidiary of Toyota Tshusho India Private Limited) to initiate joint academic programs like diploma and short-term certificate courses. Toyota Tshusho India Private Limited is an affiliate company of Toyota Tshusho Corporation, Japan that is a group company of Toyota, Japan.

Under this MoU, a 3-year Diploma in Mechanical (Manufacturing Technology) program is running at Toyota Tsusho NTTF Training Centre at village Vithalapur, taluka Mandal, Ahmedabad. This is GTU approved Diploma program.

Connection with Toyota Group: The Toyota Tsusho NTTF Training Centre is under Technotrends Autopark Private Limited which is a subsidiary of Toyota Tsusho India Private Limited (“TTIPL”), an affiliate company of Toyota Tsusho Corporation, Japan (“TTC”), a group company of Toyota Group.

Beneficiaries: Any student who has completed 10th standard schooling and from nearby villages surrounding the Mandal where this centre is located. Frequent interaction with parents.

There is no program fee.

Duration: 3 years (7200 hours)

Bifurcation

First year = Theory and Practical (896 hours), OJT (1504 hours)

Second year = Theory and Practical (432 hours), OJT (1968 hours)

Third year = Theory and Practical (432 hours), OJT (1968 hours)

- Theory classes cover basic education and manufacturing technology. Living & Conduct norms, Mental Attitude-Japanese workplace, Math, Metrology, Computer, Air & Water technology, Raw materials, Mechanical Drawings, Assembly technic, CNC basic programming, Cutting tools/Jigs, Electronics
- Practical sessions cover Machining, Drilling, Tapering, Grinding, Press and Computer lab.
- OJT will cover On Job Training at client industries’ Shop Floor (40 hours per week)

Benefits of this Program

- The centre is close to industry area (Mandal, near Bechraji) and focus is to train the students of nearby villages. Therefore, recruiting 85% locals can be worked out.

- There will be future growth of Mandal because there are 500 Factories so it is expected to have 200,000 new jobs in coming 10 years.
- Due to 33 months of OJT, there is assurance of supply of human resources with knowledge and skills.
- More focus is on practical so acquired practical skill can reduce manufacturing rejection (parts per million)
- Easy to communicate with Japanese expat by understanding of discipline, manner and Japanese culture.

Admission Process

- Sourcing
 - Pamphlet distribution
 - Seminar and explanation in school
- Explanation and Written Exam
 - Assembly at common point
 - Registration
 - Exam
 - Result
- Orientation – Parents & Students
 - Parents explanation
 - TNTC explanation
 - Declaration by Parents & Trainee
- First Round Interview
 - Face to Face Interview
- Home Visit
 - Visiting shortlisted candidate home

Laboratories and Workshops available at Centre

1. AUTOMATION LAB

- Pneumatic Training Kit
- PLC training Kit
- 6 Axis Robots

2. COMPUTER LAB

- AutoCAD

3. QUALITY LAB

- Hardness Tester

4. WORKSHOP – I

- Bench Drilling M/C
- Pillar Drilling M/C
- Bench Grinder
- Welding Machine
- Fly press
- CNC Lathe M/C
- CNC Vertical Milling M/C
- Injection moulding M/c
- Hydraulic Power Press
- Surface Plate
- Bench Wise

5. WORKSHOP – II

- Power Hacksaw
- Centre Lathe
- Vertical Milling M/C
- Surface Grinding M/C
