



SANT SHIROMANI RAVIDAS GLOBAL SKILLS PARK

(Department of Technical Education, Skill Development and Employment, Government of Madhya Pradesh)

Advanced Mechanical Technology (One year Course)

OVERVIEW -

Mechanical professionals' employment is expected to grow by 10% (2022-2032). Meeting the significant demand for trained experts in Mechanical Maintenance of Industrial Machines is crucial for sustaining this growth.

Mechanical Service Professionals investigate and diagnose mechanical and electrical faults in machines. They recommend repairs following industry standards to ensure efficient, reliable, and safe machinery operation, minimizing idle time due to failures.

To cater the current National and International demand GSP is offering one year programme in Advanced Mechanical Technology.

KEY FEATURES OF THE COURSE -

Competency based training module to develop work force to:

- Identify and test system components like pumps, motors, valves, conveyors etc.
- Read and Interpret Electrical, Hydraulics and Electro-Hydraulics, Pneumatics and Electro- Pneumatics circuits.
- Develop and maintain pneumatic and hydraulic system.
- Perform functional checks, diagnose and rectify faults in Mechanical systems, Electrical systems, Industrial Equipment and Machinery.
- Appropriate use of Measuring instruments & other equipment like Laser Shaft Alignment Instrument, Infrared Thermography instrument, Magnetic crack detector etc.
- Design, develop and produce a 3D model

ENTRY REQUIRED*

Diploma / Degree in Mechanical / Electrical / Production Engineering
OR
ITI in Fitter / Electrician / Machinist / Motor Mechanic

*Any equivalent Branch/Trade

GSP will provide job assistance to all the passouts

CAREER PROSPECTS

- » Maintenance Engineer/Professional
- » Service Engineer/Professional
- » Maintenance Technician
- » Installation and Commissioning Engineer

For admission process please see website

ADMISSION

Contact for further information:

- ☎ 9425301618 | ☎ 9981919733 | ✉ chmet.ssragsp@gmail.com
- 🌐 Web: www.globalskillspark.in
- 📍 Hazrat Nizamuddin Colony Road, Narela Shankari, Bhopal, M.P. (462022)

Scholarship facility under MMJKY or Postmetric scheme (SC/ST/OBC)



TRAINING FACILITIES -

- 3D printer
- Laser Shaft Alignment Instrument, Infrared Thermography instrument
- Hydraulic and Electro-Hydraulic systems
- Pipe Bending Machine and Threading Machine
- Solenoid operated Valves
- Electrical Workstation
- Machine Condition Data Collector
- Pneumatic and Electro-Pneumatic systems
- Shaft Alignment Training Machine
- Pumps (Centrifugal, Diaphragm (Air and Motor driven) and Vacuum)
- Magnetic Crack Detector
- Balancing and Vibration Training Rig