



Dr. Mohan Yadav
Chief Minister, Madhya Pradesh

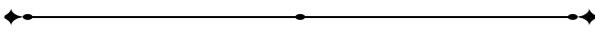
Dr. Gautam Tetwal
Minister of State (Independent Charge),
Skill Development and Employment
Department, Government of M.P.

Sant Shiromani Ravidas Global Skills Park

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



SSR Global Skills Park is a flagship initiative of Department of Technical Education, Government of Madhya Pradesh with technical support of ITEES Singapore. It is the first multi-skills park in India, which will introduce technology-oriented skill courses and impart advanced job-ready skills of international standards.



KEY FEATURES OF THE GLOBAL SKILLS PARK :

- State of the art Infrastructure.
- Course design, Curriculum, Training Pedagogy, Equipment as per ITEES, Singapore.
- Competency-based Skill Training.
- Strong Industry Linkages
- Life Skills Training and On the Job Training
- Exposure to Foreign Languages
- Placement Assistance
- Scholarship under MMJKY/Post metric scheme

HOSTEL FACILITY AVAILABLE

COURSES OFFERED

- Advanced CNC & Precision Engineering
- Advanced Automotive Technology
- Advanced Electrical Technology (Power & Control)
- Advanced Electronics (Mobile Devices & IoT Integration)
- Advanced Air Conditioning & Refrigeration(HVAC)
- Advanced Networking & Systems Administration
- Advanced Mechanical Technology
- Advanced Mechatronics & Industrial Robotics
- Advanced Mechanical & Electrical Services

— ACADEMICS CYCLE —

- Admissions are open twice a year with 120 intake in each course.
- Admission to the course shall be through an entrance test called "Global Skill Park-Skill Entrance Test (GSP-SET)" OR on the basis of the marks obtained in the qualifications prescribed in the entry requirements.
- Reservation for SC/ST/OBC/EWS as per MP Government norms. 35% reservation for women in each category.

EMBARK ON A PATH TO PROFESSIONAL GROWTH WITH SSR GSP

At SSR Global Skills Park, we are committed to equipping our trainees with the knowledge, skills, and practical experience needed to succeed in today's dynamic professional landscape.

Our wide courses offer a unique blend of theoretical learning and hands-on application, culminating in valuable placement opportunities that pave the way for career advancement and personal growth.





SANT SHIROMANI RAVIDAS GLOBAL SKILLS PARK

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

ADVANCED MECHANICAL TECHNOLOGY (ONE YEAR COURSE)



TRAINING FACILITIES -

- CAD & 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.
- Pumps (Centrifugal, Diaphragm (Air and Motor driven) and Vacuum).
- Magnetic Crack Detector.
- Balancing and Vibration Training Rig.
- Project realization.



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 & vibration analysis rig etc.
- Design, develop and produce a 3D model.
- Additive technology.
- Condition based maintenance.

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 SSRGSP is offering one year programme in Advanced Mechanical Technology.

JOB OPPORTUNITIES AS

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

**GSP will provide job
assistance to all the passouts**

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

ENTRY ELIGIBILITY:

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

*Any equivalent Branch/Trade



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www.globalskillspark.in



Hazrat Nizamuddin Colony Road,
Narela Shankari, Bhopal, M.P. (462022)



संत शिरोमणि रविदास ग्लोबल स्किल्स पार्क

(तकनीकी शिक्षा, कोशल विकास एवं रोजगार विभाग, मध्य प्रदेश शासन)

एडवांस्ड मैकेनिकल टेक्नोलॉजी (1 वर्षीय पाठ्यक्रम)



प्रशिक्षण सुविधाएं -

- CAD एवं 3D प्रिंटर
- लेजर शाफ्ट एलाइनमेंट इंस्ट्रूमेंट, इन्फ्रारेड थर्मोग्राफी इंस्ट्रूमेंट
- हाइड्रॉलिक और इलेक्ट्रो-हाइड्रॉलिक सिस्टम्स
- पाइप बेंडिंग मशीन और ग्रेडिंग मशीन, सोलेनाइड ऑपरेटेड वाल्व्स
- इलेक्ट्रिकल वर्कस्टेशन
- मशीन कंडीशन डाटा कलेक्टर
- न्यूमेटिक और इलेक्ट्रो-न्यूमेटिक सिस्टम्स
- पंप्स (सेंट्रीफ्यूगल, डायफ्राम (एयर और मोटर ड्रिवन) और वेक्यूम)
- मैग्नेटिक क्रेक डिटेक्टर
- बैलेंसिंग एवं वाइब्रेशन ट्रेनिंग रिग
- प्रोजेक्ट रियलाइजेशन



पाठ्यक्रम की प्रमुख विशेषताएं -

दक्षता आधारित प्रशिक्षण मॉड्यूल :

- उपकरण जैसे की पंप्स, मोटर, वाल्व्स, कन्वेयरस इत्यादि की पहचान एवं जांच ।
- इलेक्ट्रिकल, हाइड्रॉलिक्स एवं इलेक्ट्रो-हाइड्रॉलिक्स, न्यूमेटिक एवं इलेक्ट्रो-न्यूमेटिक के सर्किट को पढ़ना एवं समझना ।
- हाइड्रॉलिक एवं न्यूमेटिक सिस्टम का निर्माण एवं मैनटेन ।
- मैकेनिकल सिस्टम, इलेक्ट्रिकल सिस्टम, उद्योगों के उपकरण एवं मशीनरी का फंक्शनल चेक, खराबी की जांच करना एवं सुधारना ।
- मापक यंत्र एवं अन्य उपकरण जैसे की लेजर शाफ्ट एलाइनमेंट, इन्फ्रारेड थर्मोग्राफी, मैग्नेटिक क्रेक डिटेक्टर एवं वाइब्रेशन एनालिसिस रिग इत्यादि का उचित उपयोग करना ।
- 3D मॉडल की डिजाइन तथा उसका विकास और निर्माण करना ।
- एडिटिव टेक्नोलॉजी ।
- कंडीशन आधारित मेन्टेनेंस ।

अवलोकन -

मैकेनिकल टेक्नोलॉजी के क्षेत्र में रोजगार के अवसरों में 10% (2022-2032) तक वृद्धि होने की आशा है। विकास की दर को बनाए रखने के लिये उद्योगों में मैकेनिकल मेंटेनेंस के प्रशिक्षित विशेषज्ञों की अत्यधिक मांग है।

मैकेनिकल सर्विस प्रोफेशनल्स मशीनों के मैकेनिकल व इलेक्ट्रिकल अवयवों की खराबी की जांच और उसका निदान करते हैं।

मैकेनिकल सर्विस प्रोफेशनल्स उद्योगों के स्टैंडर्ड का पालन करते हुए, मशीनों के कुशल विश्वसनीय एवं सुरक्षित संचालन को सुनिश्चित करने एवं मशीनों के डाउन टाइम को कम करने के लिए उपयुक्त मेंटेनेंस की सलाह देते हैं।

वर्तमान राष्ट्रीय व अंतरराष्ट्रीय मांग को पूरा करने के लिए ग्लोबल स्किल्स पार्क एक वर्षीय एडवांस्ड मैकेनिकल टेक्नोलॉजी का कोर्स संचालित करता है।

रोजगार के अवसर-

- मेंटेनेंस इंजीनियर/प्रोफेशनल
- सर्विस इंजीनियर/प्रोफेशनल
- मेंटेनेंस टेक्निशियन
- इंस्टॉलेशन एवं कमिशनिंग इंजीनियर

**GSP सभी उत्तीर्ण छात्रों को
रोजगार में सहायता प्रदान करेगा**

MMJKY/Postmetric योजना के अंतर्गत
छात्रवृत्ति सुविधा (एससी/एसटी/ओबीसी)

**प्रवेश
पात्रता:**

आईटीआई उत्तीर्ण फिटर/मशीनिस्ट/मोटर मैकेनिक अथवा डिप्लोमा या
बी.टेक./बी.ई. उत्तीर्ण मैकेनिकल/प्रोडक्शन इंजीनियरिंग।

*अथवा अन्य समकक्ष ब्रांच / रेड

Life skills (जीवन कौशल)

Life skills training is all about equipping you with the tools to succeed in everyday life. From managing time and stress for improving communication and decision-making, it gives you the confidence to take on anything that comes your way!

And guess what? We don't just talk about it — we offer these exact skills through engaging workshops and hands-on sessions. Whether you're looking to boost your confidence, sharpen your problem-solving, or build better relationships, we've got you covered.



Team Building



Design Thinking



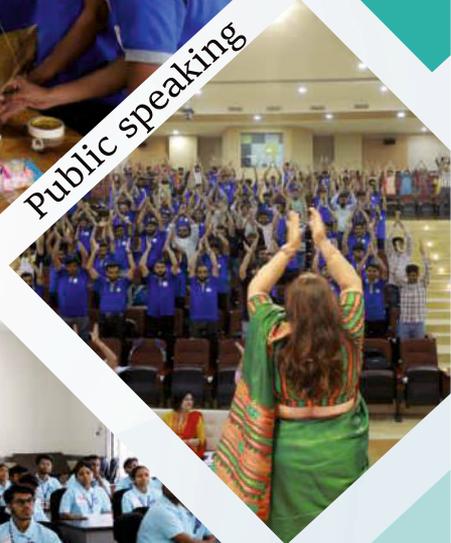
Communication

Public speaking



Leadership

Employability Skills



Design Thinking

Design Thinking is all about turning ideas into action! Students dive into real-world challenges, working in teams to brainstorm, prototype, and test innovative solutions. It's a hands-on journey where creativity meets problem-solving, empowering students to think big, innovate boldly, and lead with confidence!



Boost your **employability** with skills which matter! Master communication, problem-solving, and time management to stand out, adapt, and thrive in any workplace. Ready to unlock your career potential? Your skills are your superpowers!

Employability Skills



Team Building

Every successful mission needs a solid team—and we train our students to be just that. From leadership simulations to time-bound group tasks, students are exposed to real-world scenarios where communication, coordination, and collaboration are key. **Our Team Building** modules help them grow into confident professionals who can lead, support, and succeed—together.



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For more information and online application, visit: www.globalskillspark.in

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