



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 CNC & Precision Engineering (ONE YEAR COURSE)



TRAINING FACILITIES -

- Advance 5-Axis CNC Machines (from DMG Mori, Germany).
- Electrical Discharge Machine.
- CNC Turning/CNC Milling Machines & CNC Turn-mill
- Advanced CAD-CAM Lab
- Metrology & Coordinate Measuring Machine (Mitutoyo make, Japanese imported).
- Conventional Machining (Turning, Milling & Surface grinding)
- Engineering Drawing & 3D CAD.
- Additional modules on life skills and internship (on job-training)



KEY FEATURES OF THE COURSE -

Competency based training modules:

- Read and interpret the Component drawings as per the standards.
- Operate and maintain Conventional Milling, Lathe and Grinding Machine.
- Use Precision Measuring Instruments and CMM (Coordinate Measuring Machine)
- Develop the Programme in Siemens/FANUC Controller for various operations on CNC Machines.
- Generate Programme for Complex Profile using CAM (Computer Aided Manufacturing).
- Develop Programme and Operate Multi-Axis CNC Machine.
- Student machine ratio is 1:1 on conventional machines & 1:3 on CNC machines.

OVERVIEW -

The Global Precision Engineering Professionals Services market anticipates a growth of 11.74% CAGR in the forecast period. Continuous technological advancements, increasing demand across various sectors, and substantial investment in development and innovation, highlighting the market's growth trajectory.

Precision Engineering is a multidisciplinary study and practice of high accuracy engineering design, metrology, and manufacturing. Students are provided with hands-on experience on the state-of-the-art advanced CNC machine and the latest design software and metrology equipment.

To cater the current national and international demand, SSRGSP is offering one year certificate programme in Advanced Precision Engineering.

JOB OPPORTUNITIES AS

- CNC Technician/CNC Programmer
- Precision Engineer
- Design Engineer
- Manufacturing Engineer
- Production Engineer
- Quality engineer/Metrology Specialist

98% placement in national and international organizations over the past 5 years

GSP will provide job assistance to all the passouts
Scholarship facility under MMJKY or Postmetric scheme (SC/ST/OBC)

ENTRY ELIGIBILITY:

ITI in Turner/Fitter/Machinist / Machinist Grinder/Mechanic Machine Tool Maintenance / Operator Advanced Machine Tools/Tool & Die Maker or Degree/Diploma in Mechanical / Industrial/Production/Manufacturing / Tool / Tool & Die / Mechatronics / Aerospace /Marine /Plastic /Engineering Design / Product Design/Industrial Production / Industrial & Management Engineering.

*Any equivalent Branch/Trade



9425829684



9981919733



gspccprincipal@gmail.com



www.globalskillspark.in



Global Skills Park- City Campus
I.T.I. Campus, Govindpura,
Raisen Road, Bhopal M.P.-462023



संत शिरोमणि रविदास ग्लोबल स्किल्स पार्क

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

एडवांस्ड CNC एंड प्रिसिजन इंजीनियरिंग (1 वर्षीय पाठ्यक्रम)



प्रशिक्षण सुविधाएं -

- एडवांस 5 एक्सिस CNC मशीनें (DMG Mori, जर्मनी से)
- इलेक्ट्रिकल डिस्चार्ज मशीन (EDM)
- CNC टर्निंग/CNC मिलिंग मशीनें और CNC टर्न-मिल
- एडवांस्ड CAD-CAM लेब
- मेट्रोलॉजी और कोऑर्डिनेट मापने वाली मशीन (मिटरुटोयो बनाना, जापानी आयातित)
- पारंपरिक मशीनिंग (टर्निंग, मिलिंग और सर्फेस ग्राइंडिंग)
- इंजीनियरिंग ड्राइंग और 3D CAD
- जीवन कौशल और इंटरनैशनल पर अतिरिक्त मॉड्यूल (ऑन-जॉब ट्रेनिंग)



पाठ्यक्रम की प्रमुख विशेषताएं -

दक्षता आधारित प्रशिक्षण मॉड्यूल :

- मानकों के अनुसार घटक ड्राइंग को पढ़ना और समझना।
- पारंपरिक मिलिंग, लेथ और ग्राइंडिंग मशीनों का संचालन और रखरखाव करना।
- प्रिसिजन मापन उपकरण और CMM (कोऑर्डिनेट मापने वाली मशीन) का उपयोग करना।
- विभिन्न ऑपरेटिंग के लिए Siemens/FANUC कंट्रोलर में प्रोग्राम विकसित करना।
- CAM (कंप्यूटर एडेड मैनुफैक्चरिंग) का उपयोग करके जटिल प्रोफाइल के लिए प्रोग्राम जनरेट करना।
- मल्टी-एक्सिस CNC मशीन पर प्रोग्राम विकसित करना और संचालन करना।
- छात्र-प्रशिक्षण मशीन अनुपात परंपरागत मशीनों पर 1:1 है तथा CNC मशीनों पर 1:3 है।

अवलोकन -

वैश्विक प्रिसिजन इंजीनियरिंग पेशेवर सेवाओं का बाजार अगली अवधि में 11.74% की वार्षिक वृद्धि दर (CAGR) की उम्मीद कर रहा है। यह वृद्धि लगातार तकनीकी उन्नति, विभिन्न क्षेत्रों में बढ़ती मांग, और विकास एवं नवाचार में महत्वपूर्ण निवेश के कारण संभव हो रही है। प्रिसिजन इंजीनियरिंग उच्च सटीकता वाले इंजीनियरिंग डिजाइन, मेट्रोलॉजी, और निर्माण का एक बहुविषयक अध्ययन और अभ्यास है। इसमें छात्रों को अत्याधुनिक CNC मशीन और नवीनतम डिजाइन सॉफ्टवेयर तथा मेट्रोलॉजी उपकरणों पर व्यावहारिक अनुभव प्रदान किया जाता है। वर्तमान राष्ट्रीय और अंतरराष्ट्रीय मांग को पूरा करने के लिए, GSP उन्नत प्रिसिजन इंजीनियरिंग में एक वर्ष का सर्टिफिकेट कार्यक्रम प्रस्तुत कर रहा है।

रोजगार के अवसर-

- CNC टेक्नीशियन/CNC प्रोग्रामर
- प्रिसिजन इंजीनियर
- डिजाइन इंजीनियर
- मैनुफैक्चरिंग इंजीनियर
- प्रोडक्शन इंजीनियर
- क्वालिटी इंजीनियर / मेट्रोलॉजी विशेषज्ञ

विगत 5 वर्षों से राष्ट्रीय एवं अंतरराष्ट्रीय प्रतियोगिताओं में 98% प्लेसमेंट

GSP सभी उत्तीर्ण छात्रों को रोजगार में सहायता प्रदान करेगा MMJKY/Postmetric योजना के अंतर्गत छात्रवृत्ति सुविधा (एससी/एसटी/ओबीसी)

प्रवेश पात्रता:

आईटीआई उत्तीर्ण टर्नर / फिटर / मशीनिस्ट / मशीनिस्ट ग्राइंडर / मैकेनिक मशीन टूल मैटेनेंस / ऑपरेटर एडवांस्ड मशीन टूल्स / टूल एंड ड्राई मेकर अथवा डिग्री/डिप्लोमा उत्तीर्ण मैकेनिकल / इंडस्ट्रियल / प्रोडक्शन / मैनुफैक्चरिंग / टूल / टूल एवं ड्राई / मेकटोनिक्स / एयरोस्पेस / मरीन / प्लास्टिक / इंजीनियरिंग डिजाइन / प्रोडक्शन डिजाइन / इंडस्ट्रियल इंडस्ट्रियल एवं मैनेजमेंट इंजीनियरिंग।

*अथवा अन्य समकक्ष ब्रांच / ट्रेड



9425829684



9981919733



gspccprincipal@gmail.com



www.globalskillspark.in



ग्लोबल स्किल्स पार्क - सिटी कैम्पस
आई.टी.आई. कैम्पस, गोविंदपुरा,
रायसेन रोड, भोपाल म.प्र.-462023

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.



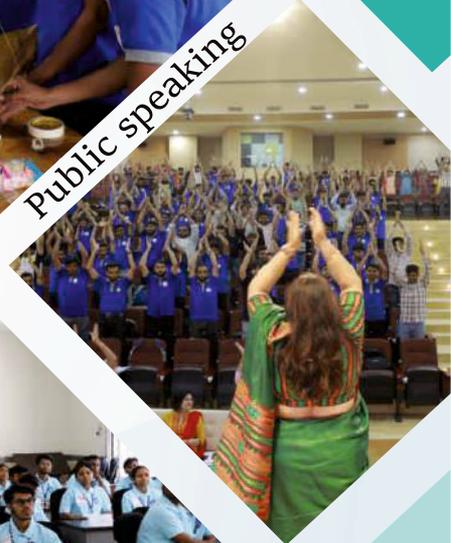
Team Building



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.



Contact Us:

Eakta Sareen
9229571124
trainereakta@gmail.com

Neha Dixit
8104993205
nehadixittrainer26@gmail.com

Shraddha Gaud
9827448859
shraddhagaud10@gmail.com

Akash Tiwari
9165361033
akashtiwari@gmail.com



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



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

✉ admission.gsp@mp.gov.in | globalskillspark@mp.gov.in ☎ 9981919733, 0755-2706205



SANT SHIROMANI RAVIDAS GLOBAL SKILLS PARK

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



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