



Dr. Mohan Yadav
Chief Minister, Madhya Pradesh

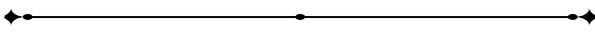
Dr. Gautam Tetwal
Minister of State (Independent Charge),
Skill Development and Employment
Department, Government of M.P.

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 MECHATRONICS & INDUSTRIAL ROBOTICS (ONE YEAR COURSE)



TRAINING FACILITIES -

- Pneumatic and Electro pneumatic systems
- Hydraulic and Electro Hydraulic systems
- HMI and PLC Training facilities
- Industrial Drives and Control System
- Modern Test & Measuring Equipment
- Industrial Robotics Technology
- Sensors and Transducers
- Application based Microcontroller Trainer system
- Industrial Automated Production Training Models



KEY FEATURES OF THE COURSE -

Competency based training module to develop work force to:

- Use modern Test and Measuring instruments.
- Interpret Electrical, Electronics, Hydraulics and Pneumatics circuits.
- Configure, program, test and maintain Industrial Robotic system.
- Identify and check system components like sensors, controllers, communication devices and actuators.
- Develop and Maintain pneumatic, hydraulic, motor controllers and electronics system.
- Perform functional checks of electrical control system, mechanical systems and machine.
- Install, maintain, troubleshoot PLC controlled HMI based industrial automation systems.

OVERVIEW -

Automated machines operate continuously in industries, excelling in accuracy and consistency. To keep the Industrial Automated Production Systems functional, Mechatronics professionals have the significant task to install, calibrate, troubleshoot, and maintain them.

Mechatronics systems are mechanical systems that are controlled electronically and it is becoming an increasingly important discipline in today's digital society.

Mechatronics is the intersection of Mechanical, Electronics and Software Engineering and creates simpler, more economical, and reliable systems. This convergence is the very essence of "Industry 4.0" and the future of manufacturing and industry.

To cater the current National and International demand, SSRGSP is offering one year program in Advanced Mechatronics.

JOB OPPORTUNITIES AS

- Mechatronics Engineer
- Automation Engineer
- Installation and Commissioning Engineer
- Maintenance Engineer
- Robotics Engineer
- Sales and Marketing (Mechatronics Systems)
- Mechatronics Service Professionals

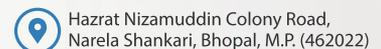
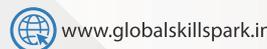
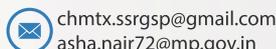
**GSP will provide job
assistance to all the passouts**

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

ENTRY ELIGIBILITY:

ITI in Instrument Mechanic/ Electronics Mechanic/ Electrician/ Mechanic Machine Tool Maintenance/ Mechatronics OR Diploma/Degree in Mechanical/ Electrical/ Electronics/ Mechatronics/ Electrical and Electronics/ Electronics and Communication/ Electrical and Instrumentation/ Electronics and Instrumentation/ Instrumentation and Control Engineering/ Automation and Robotics/ Industrial and Production Engineering OR equivalent.

*Any equivalent Branch/Trade



संत शिरोमणि रविदास ग्लोबल स्किल्स पार्क

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

एडवांस्ड मेकाट्रॉनिक्स एंड इंडस्ट्रियल रोबोटिक्स (1 वर्षीय पाठ्यक्रम)



प्रशिक्षण सुविधाएं -

- न्यूमेटिक एवं इलेक्ट्रो-न्यूमेटिक सिस्टम
- हाइड्रॉलिक एवं इलेक्ट्रो हाइड्रॉलिक सिस्टम
- HMI एवं PLC ट्रेनिंग सुविधाएँ
- इंडस्ट्रियल ड्राइव्स एवं कंट्रोल सिस्टम
- मॉडर्न टेस्ट एवं मेजरिंग इन्स्ट्रुमेंट
- इंडस्ट्रियल रोबोटिक्स टेक्नोलॉजी
- सेंसर एवं ट्रांसड्यूसर
- एप्लीकेशन बेस्ड माइक्रोकंट्रोलर ट्रेनिंग सिस्टम
- इंडस्ट्रियल ऑटोमेटेड प्रोडक्शन ट्रेनिंग मॉडलस



पाठ्यक्रम की प्रमुख विशेषताएं -

दक्षता आधारित प्रशिक्षण मॉड्यूल :

- आधुनिक परीक्षण एवं मापक यंत्रों का सही उपयोग।
- इलेक्ट्रिकल, इलेक्ट्रॉनिक्स, हाइड्रॉलक्स और न्यूमेटिक्स सर्किट्स को पढ़ना एवं समझना।
- इंडस्ट्रियल रोबोटिक सिस्टम को कॉन्फिगर, प्रोग्राम, परीक्षण एवं रखरखाव करना।
- सिस्टम कंपोनेंट जैसे कि सेंसर, कंट्रोलर्स, संचार उपकरण और एक्जुएटर्स की पहचान एवं जांच।
- न्यूमेटिक, हाइड्रॉलिक, मोटर कंट्रोलर और इलेक्ट्रॉनिक सिस्टम को बनाना एवं मेंटेनेंस।
- विद्युत नियंत्रण सिस्टम, मैकेनिकल, सिस्टम और मशीनों की कार्यात्मक जांच करना।
- PLC नियंत्रित HMI आधारित औद्योगिक ऑटोमेशन सिस्टम को स्थापित करना, बनाए रखना एवं समस्या का निवारण करना।

अवलोकन -

ऑटोमेटिक मशीनों, उद्योगों में सुचारु रूप से और निरंतर चलती हैं। उद्योगों में ऑटोमेटिक प्रोडक्शन सिस्टम को क्रियाशील बनाए रखने के लिए मेकाट्रॉनिक्स प्रोफेशनल्स मशीनों को स्थापित करने, कैलिब्रेट करने, खराबी को दूर करने एवं सुचारु रूप से चलाने का महत्वपूर्ण कार्य करते हैं। मेकाट्रॉनिक्स मैकेनिकल, इलेक्ट्रॉनिक्स एवं सॉफ्टवेयर इंजीनियरिंग को समायोजित कर सरल, अधिक किफायती और विश्वसनीय सिस्टम बनाता है। इसका Industry 4.0 के विकास में महत्वपूर्ण योगदान है और यह मैनुफैक्चरिंग और अन्य उद्योगों का भविष्य है। वर्तमान राष्ट्रीय व अंतरराष्ट्रीय मांग को पूरा करने के लिए ग्लोबल स्किल्स पार्क एक वर्षीय एडवांस्ड मेकाट्रॉनिक्स का कोर्स संचालित करता है।

रोजगार के अवसर-

- मेकाट्रॉनिक्स इंजीनियर
- ऑटोमेशन इंजीनियर
- इंस्टालेशन एवं कमिशनिंग इंजीनियर
- मेंटेनेंस इंजीनियर
- रोबोटिक्स इंजिनियर
- सेल्स एवं मार्केटिंग (मेकाट्रॉनिक्स सिस्टम)
- मेकाट्रॉनिक्स सर्विस प्रोफेशनल्स

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

प्रवेश पात्रता:

आईटीआई (इंटरमैट मैकेनिक / इलेक्ट्रॉनिक्स मैकेनिक / इलेक्ट्रीशियन / मैकेनिक मशीन टूल मेंटेनेंस / मेकाट्रॉनिक्स) अथवा मैकेनिकल / इलेक्ट्रिकल / इलेक्ट्रॉनिक्स / मेकाट्रॉनिक्स / इलेक्ट्रिकल एंड इलेक्ट्रॉनिक्स / इलेक्ट्रॉनिक्स एंड कन्स्यूमिकेशन / इलेक्ट्रिकल एंड इंडस्ट्रियल / इलेक्ट्रॉनिक्स एंड इंडस्ट्रियल / इंडस्ट्रियल एंड कंट्रोल इंजीनियरिंग / ऑटोमेशन एंड रोबोटिक्स / इंडस्ट्रियल एंड प्रोडक्शन इंजीनियरिंग में डिप्लोमा/डिग्री अथवा समकक्ष।

*अथवा अन्य समकक्ष बांच / 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.



Design Thinking



Communication



Team Building



Leadership

Employability Skills



Public speaking



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



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