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

— 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.



Hub and Spoke

Placement Partners



“ Get World Class Training and be Future Ready ”



Updates, insights & more
we're just a click away on socials



SANT SHIROMANI RAVIDAS GLOBAL SKILLS PARK

(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)



Just one scan to skill up
SSR-GSP awaits



Scan to Explore
Our Campus

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



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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SANT SHIROMANI RAVIDAS GLOBAL SKILLS PARK

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

ADVANCED AIR-CONDITIONING & REFRIGERATION (ONE YEAR COURSE)



TRAINING FACILITIES -

- Chiller & VRF training units.
- Refrigeration training units
- Chilled water and condensate water (cooling tower) pump system
- Refrigerant recovery system
- Air Conditioning circuit troubleshooting board
- Split/Window Air Conditioning System
- AHU system training unit
- Packaged unit air-conditioning circuit board
- Cold Room Refrigeration system
- Integrated Building Management System (BMS) & Energy Audit (HVAC).
- Electrical training units.



KEY FEATURES OF THE COURSE -

Competency based training modules:

- Perform installation of Air-conditioning and refrigeration systems.
- Read and Interpret building services layout of air-conditioning and electrical circuits which includes blueprint & manuals.
- Identify and test electrical and mechanical component of refrigeration and air conditioning systems.
- Troubleshoot and replace faulty components in air-conditioning and refrigeration systems.
- Maintenance & service of refrigeration and air conditioning equipment.
- Conduct predictive and preventive maintenance and inspection of equipment.
- Perform Brazing, Grinding, drilling training workshops
- Correct tool usage.
- Basic MEP design-
AutoCAD and REVIT (BIM) Software.

OVERVIEW -

The Indian HVAC industry anticipates a 15.8% CAGR (2021-2030) fuelled by infrastructure development, technological advancements, and increased tourism. Addressing the demand requires a supply of trained professionals in Air-Conditioning & Refrigeration to sustain and contribute to this growth.

Air-Conditioning & Refrigeration Professionals install, maintain, troubleshoot, and repair residential and commercial systems adhering to manufacturer specifications, local regulations, and safety standards. They ensure compliance with refrigerant, electricity, health and safety for the safe and efficient operation of systems.

To cater the current National and International demand SSRGSP is offering one year certificate programme in Advanced Air-Conditioning & Refrigeration (HVAC).

JOB OPPORTUNITIES AS

- Maintenance Engineer/Professional
- Service Engineer/Professional
- Maintenance Technician/Supervisor
- Project Engineer/Supervisor
- Installation and Commissioning Engineer
- Sales/Marketing/QA/
QC Professional

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

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

ENTRY ELIGIBILITY:

ITI in Refrigeration & Air conditioning / Fitter / Electrician / Mechanic Air Conditioning Plant / Welder / Sheet metal or Diploma / Degree in Mechanical Engineering / Electrical / Electronics / Production / Refrigeration Air conditioning Engineering / Industrial Production / Industrial Engineering / Electrical & Instrumentation.

*Any equivalent Branch/Trade



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संत शिरोमणि रविदास ग्लोबल स्किल्स पार्क

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

एडवांस्ड एयर कंडीशनिंग एंड रेफ्रिजरेशन (1 वर्षीय पाठ्यक्रम)



प्रशिक्षण सुविधाएं -

- चिलर एवं VRF ट्रेनिंग यूनिट
- रेफ्रिजरेशन ट्रेनिंग यूनिट्स
- चिल्ड वाटर एवं कन्डेंसेट वाटर पंप सिस्टम (चिलर एवं कूलिंग टावर)
- रेफ्रिजेंट रिकवरी सिस्टम
- एयर कंडीशनिंग सर्किट ट्रबल शूटिंग बोर्ड
- स्प्लिट / विंडो एयर कंडीशनिंग सिस्टम
- AHU सिस्टम ट्रेनिंग यूनिट
- पैकेज्ड यूनिट एयर कंडीशनिंग सर्किट बोर्ड
- कोल्ड रूम रेफ्रिजरेशन सिस्टम
- इंटीग्रेटेड बिल्डिंग मैनेजमेंट सिस्टम (BMS) एवं एनर्जी ऑडिट (HVAC)
- इलेक्ट्रिकल ट्रेनिंग यूनिट



पाठ्यक्रम की प्रमुख विशेषताएं -

दक्षता आधारित प्रशिक्षण मॉड्यूल :

- एयर-कंडीशनिंग और रेफ्रिजरेशन सिस्टम्स का इंस्टालेशन करना ।
- एयर कंडीशनिंग और रेफ्रिजरेशन के मैकेनिकल और इलेक्ट्रिकल उपकरणों की पहचान एवं जांच ।
- एयर कंडीशनिंग और रेफ्रिजरेशन सिस्टम में खराब कॉम्पोनेंट्स को बदलकर सुचारु रूप से चलाना ।
- एयर कंडीशनिंग और रेफ्रिजरेशन की सर्विस ।
- भवन सेवाओं के लेआउट जिसमें एयर कंडीशनिंग और इलेक्ट्रिकल सर्किट हो और मैन्युअल / ब्लूप्रिंट को पढ़ना एवं समझना ।
- ब्रेजिंग, ग्राइंडिंग, ड्रिलिंग करना ।
- सही टूल इस्तेमाल करना ।
- बेसिक MEP डिजाइन- AutoCAD और REVIT (BIM) सॉफ्टवेयर ।

अवलोकन -

अधोसंरचना परियोजनाओं में हो रहे तेज विकास, तकनीकी प्रगति और पर्यटकों की बढ़ती संख्या के प्रभाव से भारतीय HVAC उद्योग में 2021 से 2030 तक 15.8% CAGR की वृद्धि अपेक्षित है। इस विकास दर को बनाए रखने और उपभोक्ताओं की संतुष्टी के लिये प्रशिक्षित एयर कंडीशनिंग एंड रेफ्रिजरेशन प्रोफेशनल्स की आवश्यकता है।

एयर-कंडीशनिंग और रेफ्रिजरेशन प्रोफेशनल्स निर्माता द्वारा दिए गए स्पेसिफिकेशन, स्थानीय नियमों और सुरक्षा मानकों का पालन करते हुए आवासीय और व्यवसायिक प्रणालियों को कैलिब्रेट, रखरखाव एवं समस्या का निवारण करते हैं। वे सिस्टम के सुरक्षित और कुशल संचालन के लिए रेफ्रिजेंट, बिजली, स्वास्थ्य और सुरक्षा का अनुपालन सुनिश्चित करते हैं।

वर्तमान राष्ट्रीय व अंतर्राष्ट्रीय मांग को पूरा करने के लिए ग्लोबल स्किल्स पार्क में एक वर्षीय एडवांस्ड एयर कंडीशनिंग एंड रेफ्रिजरेशन (HVAC) का कोर्स संचालित करता है।

रोजगार के अवसर-

- मैटेनेन्स इंजीनियर/प्रोफेशनल
- सर्विस इंजीनियर/प्रोफेशनल
- प्रोजेक्ट इंजीनियर/सुपरवाइजर
- मेन्टेनेन्स टेक्नीशियन /सुपरवाइजर
- इंस्टॉलेशन एवं कमिशनिंग इंजीनियर
- सेल्स/मार्केटिंग/QA/QC प्रोफेशनल

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

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

**प्रवेश
पात्रता:**

आईटीआई उत्तीर्ण रेफ्रिजरेशन एवं एयर कंडीशनिंग / फिटर / इलेक्ट्रिशियन / मैकेनिक एयर कंडीशनिंग प्लांट / वेल्डर / शीट मेटल या डिप्लोमा / डिग्री उत्तीर्ण मैकेनिकल इंजीनियरिंग / इलेक्ट्रिकल / इलेक्ट्रिकल एवं इलेक्ट्रॉनिक्स / प्रोडक्शन / रेफ्रिजरेशन एवं एयर कंडीशनिंग इंजीनियरिंग / इंडस्ट्रियल प्रोडक्शन / इंडस्ट्रियल इंजीनियरिंग / इलेक्ट्रिकल एंड इंट्रूमेंटेशन।

*अथवा अन्य समकक्ष ब्रांच / ट्रेड



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