CURRICULUM VITAE

JAGBIR SINGH

Master Skill Instructor – Mechatronics

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PROFESSIONAL PROFILE

Mechatronics and skill development professional with experience in engineering education, industrial training, on-the-job training coordination, and hands-on instruction in industrial automation. Currently serving as Master Skill Instructor (Mechatronics) at Shri Vishwakarma Skill University. Experienced in preparing and mentoring candidates for skill competitions in Industrial Control and Mechatronics, with a focus on practical competency, troubleshooting, automation systems, and industry-oriented training.

CORE COMPETENCIES

- Mechatronics, Industrial Automation and Control Systems
- PLC programming, HMI operation and industrial control panels
- Pneumatic, electro-pneumatic, hydraulic and electro-hydraulic systems
- Sensors, actuators, motors, drives and automation components
- Practical laboratory instruction, equipment demonstration and troubleshooting
- Industrial training, On-the-Job Training (OJT) coordination and curriculum delivery
- Skill competition coaching, candidate assessment and performance development

PROFESSIONAL EXPERIENCE

Master Skill Instructor (Mechatronics) | Shri Vishwakarma Skill University (SVSU)

05 August 2022 – Present

- Deliver theoretical and practical instruction in Mechatronics and Industrial Automation; conduct laboratory-based training and demonstrations; support development of students' technical and employability competencies.

Foreman Instructor, OJT In-charge & Trainer | Hero MotoCorp Ltd., Dharuhera and Neemrana

08 January 2018 – 05 August 2022

- Conducted industrial and shop-floor training, coordinated On-the-Job Training, and delivered training for Maintenance Technician (QP: ASC/Q 6803; Trainer ID: 81937).

Faculty Member | World Institute of Technology, Gurugram

01 July 2010 – 01 January 2018

- Worked in engineering education and academic instruction.

Faculty Member | Somany (PG) Institute of Technology and Management, Rewari

06 March 2009 – 20 June 2010

- Worked in engineering education and academic instruction.

SKILL COMPETITION TRAINING & CANDIDATE MENTORING

Training and mentoring of candidates in Industrial Control and Mechatronics for skill competitions at state, regional, national and international levels.

- Prepare candidates through structured, hands-on practice in industrial automation, control systems and Mechatronics applications.
- Provide practical training in PLC programming, HMI configuration, sensors, actuators, motor control and industrial control circuits.

- Coach candidates in pneumatic, electro-pneumatic, hydraulic and electro-hydraulic systems, including circuit design, operation and fault diagnosis.
- Conduct task-based practice, timed exercises, troubleshooting activities and performance reviews aligned with skill competition requirements.
- Guide candidates in safe working practices, tool and equipment handling, accuracy, quality of work and time management.
- Support candidates' preparation for competition tasks through demonstrations, mock assessments and technical feedback.

TECHNICAL TRAINING & INDUSTRIAL EXPOSURE

- Six-week Industrial Training – BSNL, Gurugram.
- Six-week Industrial Training – Airtel, Gurugram.
- 15-day Training in Mechatronics – CSIR-CMERI, Durgapur.
- Five-day Training in Industrial Automation – MSME, Rohtak.
- One-week Faculty Development Programme in Maintenance Department – Hero MotoCorp Ltd., Dharuhera.
- One-week Faculty Development Programme on the Shop Floor – JBM, Gurugram.

PROFESSIONAL QUALIFICATIONS

- M.Tech. in Electronics & Communication Engineering, SITM, Rewari (affiliated to MDU, Rohtak), 2009 – 75%.
- B.Tech. in Electronics & Communication Engineering, JIET, Jind (affiliated to Kurukshetra University, Kurukshetra), 2006 – 71%.

EDUCATIONAL QUALIFICATIONS

- Senior Secondary (Class XII), Hindu Senior Secondary School, Sonipat – 2001.
- Secondary (Class X), Government High School, Jaindapur – 1999.

PROFESSIONAL DETAILS

- Current Organization: Shri Vishwakarma Skill University, Haryana.
- Current Designation: Master Skill Instructor (Mechatronics).
- Area of Specialization: Mechatronics, Industrial Automation, Industrial Control and Skill Development.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place: _____ **Date: _____**

JAGBIR SINGH

Signature