



श्री विश्वकर्मा कौशल विश्वविद्यालय  
SHRI VISHWAKARMA  
SKILL UNIVERSITY



## Bachelor of Vocation in Mechatronics

### About the Programme

Shri Vishwakarma Skill University (SVSU) in collaboration with Hero MotoCorp, a known brand of the automotive world has designed a Bachelor of Vocation (Mechatronics) program which is aligned to National Skills Qualifications Framework (NSQF) Level-7 based on Dual Education Model. The course curriculum shall impart comprehensive knowledge of Mechanical, Electronics, Control Theory, and Computer Science, as applied to product design and manufacturing. It will ensure optimization of various process functionalities and productivity enhancement.

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FOR A REWARDING CAREER

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### Programme Model & Pedagogy

SVSU has built a strong partnership with the Industry to facilitate students' training, employability and entrepreneurship through the On-the-Job Training (OJT) approach. The university has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that enables students to "earn-while-learn" and provides an opportunity to enhance their qualification with the flexibility of entry and exit into a programme. SVSU has conceptualised the IIDEM programme, which is designed in such a manner that 60 percent of the credits are earned while working on the OJT and the rest 40 percent come from the theoretical and conceptual training. The entire pedagogy is designed to develop an application-based learning that makes students job-ready by earning industry work experience and learning the technical concepts hands-on.

### Programme Highlights

- Application-based Learning
- Earn-while-Learn
- Dual Education Model
- Learn & Apply Skills
- Entrepreneurial Skills
- World-class OJT Facility
- Placement Support
- Highly Subsidized Fee
- Leadership and Supervising
- Theory, Practice & Rigorous Curriculum
- Student's Mobility-Horizontal and Vertical
- Work Integrated Learning Options

### Eligibility

10+2 (PCM)  
OR  
10+2 and L4 certificate in relevant field  
OR  
10<sup>th</sup> plus (2 Years or 3 Years) Diploma  
OR  
10th plus I.T.I. (2 Years) with one language subject (Hindi or English)

## OJT

### OJT Areas

Work as Technician in Maintenance Engine Plant, Frame Assembly Unit, Maintenance Electrical, Maintenance Engine Plant, Frame Assembly Unit (work at Operator level), Work at Supervisor level in Maintenance Electrical, Maintenance Engine Plant, Frame Assembly Unit, Maintenance Electrical, Maintenance Engine Plant, Maintenance Electronics, PLC Programming, Pneumatics & Hydraulics (work at Manager level)

### Shri Vishwakarma Skill University

In line with Skill India Mission, the Government of Haryana has established Shri Vishwakarma Skill University under the Act 25 of 2016. The University is aiming at providing structured skill qualification programmes aligned with the existing and emerging job-roles in the Industry. The programmes have been mapped with NSQF levels that facilitate vertical mobility from Certificate to Doctoral level. SVSU aims at providing pathways to the Learners from school level to higher education level through a skill-based qualification framework for their career progression.



### Industry Partner

Hero MotoCorp Ltd. (Formerly Hero Honda Motors Ltd.) is the world's largest manufacturer of two-wheelers.

Hero MotoCorp commenced its production as a joint venture between Hero Cycles of India and Honda of Japan in 1984, based on the Japanese knowhow and technology. Hero MotoCorp has manufacturing units at Dharuhera, Gurugram, Haridwar, Neemrana and Vadodara. Their products include motorcycles and scooters.



Note: OJT areas are subject to change depending upon availability of OJT areas

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