



श्री विश्वकर्मा कौशल विश्वविद्यालय
SHRI VISHWAKARMA
SKILL UNIVERSITY



Master of Vocation in Robotics and Automation

About the Programme

The Programme is designed to provide basics and advanced knowledge about robotics & automation, with special emphasis on interdisciplinary subjects. It would also provide elective subjects with specializations in mechanical, electrical, instrumental, computer programming. The course will be supplemented by OJT on the shop floor, while operating in ecosystem of robotics. The dissertation will be on skill topics pertaining to issues related to shop floor designing/manufacturing/ quality control/maintenance.

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

DO YOU WANT TO SKILL YOURSELF
FOR A REWARDING CAREER

GET READY FOR INDUSTRY 4.0 REVOLUTION

Eligibility

B.Voc. (Robotics/Automation/Mechanical/Electrical/Electronics/Computer Science)/
B.Tech./B.E. with minimum 50% marks

OJT

OJT Areas

Wiring of PLC panel, Wiring of Robotic Fixtures, Assembling of control panels of Robotic Fixtures, Teaching of Robot, Wiring of Robot, Basic Programming of Robot, Pneumatic and Sensors Applications in Fixtures, Programming of plc. Dissertation on any live project of Industry Partner.

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

Jay Bharat Maruti (JBM) Group, a joint venture with Maruti Suzuki India Limited (MSIL) is keeping pace with the steep rise in demand and quality of passenger cars/vehicles. Even in the backdrop of entry of

international auto players in the country, JBM has successfully expanded its manufacturing capacity and capability. The world-class manufacturing capabilities include imported and indigenous press lines, robotic welding lines as well as plating and painting facilities. The JBM Group has pan-India presence with over 40 production units spread across the country.



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

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