



श्री विश्वकर्मा कौशल विश्वविद्यालय
SHRI VISHWAKARMA
SKILL UNIVERSITY



Diploma of Vocation In Mechanical-Manufacturing

About the Programme

The manufacturing of automotive components drives the economics for mass production of components especially used in the automotive industry. Therefore, the latest machines like CNC machining centres, CAD/CAM facilities, idea-unigraphics, 3-D modelling are used for their optimal design/manufacturing.

Diploma in Vocation (D.Voc.) in Mechanical-Manufacturing is aligned to NSQF Level-5 set in Dual Education Model. It is three-year programme divided in six semesters & its On-the-Job Training (OJT) shall be at shop floor of Roop Automotive Ltd. as industry partner. OJT enables students to learn manufacturing of components to be used in various industries like automobile, textile, plastics, packaging etc. The focus of the programme is to prepare the students to work on conventional machines, CNC vertical turning, CNC drilling machines, CNC horizontal machining, destructive and non-destructive testing, pneumatics and hydraulics, heat treatments, material handling systems, Coordinate Measurement Machines and learn process planning, estimation and costing of manufacturing of components.

DO YOU WANT TO SKILL YOURSELF
FOR A REWARDING CAREER

GET READY FOR INDUSTRY 4.0 REVOLUTION

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.

Eligibility

10th (Science and Mathematics)
OR
08th plus I.T.I. with Hindi and
English language subjects.

Programme Highlights

- Application-based experiential 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

OJT

OJT Areas

Conventional machines, welding, broaching, honing, gearing cutting, VMC, CNC, destructive and non-destructive testing, pneumatics and hydraulics, material handling systems, Co-ordinate Measuring Machine (CMM), Roundness tester, surface finish tester, profile projector, air gauges, torque testing, hardness testing, metallurgical microscope, spring tester, Quality controls, Total Productive Maintenance (TPM), Advanced Product Quality Planning (APQP), Failure mode and effects analysis (FMEA), Kaizen, 5S.

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

ROOP Roop Automotives Ltd. (RAL) is one of the largest OEM suppliers of auto components like steering yokes, automotive connecting rods, automotive housing, differential housings, connecting rods, auto steering parts, safety automotive parts. RAL established its name in auto components industry and have strong presence in tier-II segment of the industry.

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

SHRI VISHWAKARMA SKILL UNIVERSITY

Plot No.- 147, Sector-44,
Gurugram- 122001

Phone
+91-124-2746800, 18001800147

Email : admissions.svsu@gmail.com
Website : www.svsu.ac.in