



श्री विश्वकर्मा कौशल विश्वविद्यालय  
SHRI VISHWAKARMA  
SKILL UNIVERSITY



## Bachelor of Vocation

### In Mechanical-Manufacturing

#### About the Programme

DO YOU WANT TO SKILL YOURSELF  
FOR A REWARDING CAREER

GET READY FOR INDUSTRY 4.0 REVOLUTION

Shri Vishwakarma Skill University (SVSU) in collaboration with Anand Group, a known brand of the automotive world has designed a Bachelor of Vocation (Mechanical-Manufacturing) program which is aligned to National Skills Qualifications Framework (NSQF) Level-7 based on Dual Education Model. The programme will enable the students to realise the complexities of the manufacturing processes, handled at the shop floors of the industry. The focus of the programme is to prepare them to get familiar with the manufacturing ecosystem, while working with the industry and also be able to effectively use the tools and equipment for achieving the stringent quality standards in the manufacturing in an optimized manner.

#### 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 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



#### 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
- 10<sup>th</sup> plus I.T.I. (2 Years) with one language subject (Hindi or English)

#### OJT

##### OJT Areas

- |   |                                  |
|---|----------------------------------|
| 1. Inspection of quality of filter paper                  | 5. Testing of Shock Absorbers    |
| 2. Coating of Resin on filter paper                       | 6. CNC Programming & Operation   |
| 2. Manufacturing of Automotive oil, Fuel & Air filters    | 7. Setting of Machine Parameters |
| 3. Pneumatic & Hydraulic Testing of filters.              | 8. Machining Synchroniser Rings  |
| 4. Manufacturing & Assembly of Automotive Shock Absorbers | 9. Part Inspection               |

#### 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



ANAND Group was founded by Deep C Anand, and named after the founder. The company manufactures automotive components. The company is responsible for introducing different kinds of automotive equipment's into the Indian market. The history of ANAND dates back to 1961, when Mr Deep C Anand, Founder of ANAND and Chairman of the Deep C Anand Foundation, as an enterprising young man of 27 years, set up his first business venture - Gabriel India. The flagship company of the Group, Gabriel was set up in collaboration with Maremont Corporation (now Gabriel Ride Control Products of ArvinMeritor Inc.), USA for manufacture of shock absorbers at Mulund in Mumbai.

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