



श्री विश्वकर्मा कौशल विश्वविद्यालय  
SHRI VISHWAKARMA  
SKILL UNIVERSITY



Bachelor of Vocation

## in Solar Technology

### About the Programme

The programme intends to build strong theoretical base for harnessing of solar energy on various fronts. Both electric power production through photo-voltaic (PV) conversion of solar energy and thermal heating by Concentrated Solar Thermal (CST) technique will be exposed to students with all its intricacies. Students will be trained in designing, development, installation, commissioning and troubleshooting of range of solar products. They will be imparted hand on experiential learning through on-the-job-training in the QuadSun Solar manufacturing shop floor and installation sites.

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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.

### Programme Highlights

- Application-based Experiential Learning
- Dual Education Model
- Learn & Apply Skills
- Entrepreneurial Skills
- World-class OJT Facility
- Placement Support
- Highly Subsidized Fee
- Leadership and Supervising
- Theory, Practice & Rigorous Curriculum
- Work Integrated Learning Options

### Eligibility

10+2 (PCM)  
OR 10+2 and L4 certificate in relevant field  
OR 10th 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

The OJT shall be carried out under the supervision of supervisor-cum-trainer nominated by industry partner. The OJT areas are subject to availability of areas at Industry partner location.

### 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



Quadsun Solar, a subsidiary of Padmini Mechatronics VNA, with turnover more than 300

Crores, with its manufacturing unit in Gurugram, is in the field of harnessing nontraditional energy resources, with special emphasis on solar energy applications. It is credited with many patents and proprietary technologies like Concentrated Solar Thermal (CST). Its proprietary and patented technology of (CST) is widely accepted globally. Its CST based 500 systems are already



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

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