



श्री विश्वकर्मा कौशल विश्वविद्यालय
SHRI VISHWAKARMA
SKILL UNIVERSITY



Post Graduate Diploma

in Aerospace Structural Design

About the Programme

Post Graduate Diploma in Aerospace Structural design programme helps an engineer gain proficiency in understanding advanced aerospace materials, design techniques, design optimisation, design customisation, aircraft interiors and other structural support components. Programme covers functional aspects such as hand calculations, GD&T, fits and tolerances critical to building quality designs. The programme shall cover usage of design representation tools, which are the CAD software used extensively for Aerospace structure design.

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.

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

B.Tech./B.E. in Aero Space/ Aviation / Electronics /Instrumentation with minimum 50% marks.

On the Job Training

Training Areas

Aircraft Industrial Orientation, Basics of Aerodynamics, Aircraft systems overview, sub-systems, Advanced metallics, Aerospace grade fasteners, composites, Aircraft structures, hand calculations, GD&T, design representation using CAD software such as CATIA V5 and sample projects.

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



P3 Group, founded in 1996, is a global engineering service provider & management consulting company headquartered in Aachen, Germany. P3 has 4000 highly qualified and motivated direct employees located at over 40 locations in 15 countries. With its partner network, P3 has a global workforce of 6000 engineers working for its clients.

P3 has a long-term vision for skilling in aerospace and aviation sector in India. P3 launched the skilling initiative in India with the objective of attracting manpower to the Aerospace & Aviation sector by bridging the gap between academics and industry needs by providing:

1. Customized Training as per customer needs
2. Training with the best global aviation experts
3. Practical exposure to the industry work environment
4. A platform to connect with potential employers (customers)
5. A Pool of trained engineers to meet customer growth & ramp-up needs
6. Reduced customer investment on recruitment & Induction
7. Access to shortlisted & trained resources
8. Continuous research and innovation in Aerospace and Aviation Sector



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

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