



SHRI VISHWAKARMA SKILL UNIVERSITY

(1st Government Skill University of India, setup by Government of Haryana)

Skill Department of Automotive Studies

**Admissions Open
for
Session 2022-23**



Industry Partners



AICTE APPROVED

B.Tech.

Mechanical and Smart Manufacturing

For any Query: <https://forms.gle/YEBmTyUqm2jvCsj36>

**Call us at:
9306095464 || 8708568908**

Vishwakarma Bhawan, Plot No. 147, Sector 44, Gurugram, Haryana
Email : admissions@svsu.ac.in | Phone : 0124-2746800, Toll Free: 1800-1800-147

About the University

In tune with its vision of a skilled India, the Government of Haryana established the Shri Vishwakarma Skill University (SVSU), a first of its kind in India, in 2016 to be set up at village Dudhola in District Palwal, Haryana. The University is aimed at providing structured skill qualification programmes that are aligned with existing and emerging job roles in the industry and other sectors.

These programmes are mapped with the National Skills Qualifications Framework (NSQF) that shall facilitate upward mobility of students from Certification to Doctoral level. SVSU conducts Diploma, D.Voc, B.Voc, B.Tech, M.Voc, PGD, MBA, M.Tech programmes and short-term courses in association with industry partners. The University is being built on 82.7 acres of land with state-of-the-art infrastructure at a project cost of about 980 Crores with the capacity to train 12,000 students per year as part of its master plan. The university aspires to be a centre of excellence promoting skill-based quality education in emerging

Vision

To emerge as one of the foremost institution of quality in skill education acknowledge by industry, nationally and internationally

Mission

To focus on quality of Skill education, aspired by students and admired by Industry, Nationally and Internationally.



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Message from Hon'ble Vice Chancellor

I take pride as the Founding Vice-Chancellor in introducing you to Shri Vishwakarma Skill University (SVSU) – India's very first Skill University. While India has some of the very best academic institutions in the world, the skilling has remained an uncharted territory for the last few decades. Our ancient civilisation had thrived on the skills of our ancestors, which bestowed global recognition on India. The universities of the bygone era like Takshila and Nalanda were the centres of vocational and skill education. The Government of Haryana, understanding the emphasis of the Government of India towards skill and entrepreneurship development launched India's first Skill University in 2016. The University is being set up at village Dudhola in district Palwal. The University aims to address the complete value chain of skill education with multi-pronged approach of:

- Feeder Schools at Secondary Education level,
- Finishing Schools for Graduating and Post Graduating students,
- Industry aligned work study program promoting 'earn-while-learn' model,
- Incubation Centres for 'Entrepreneurship and Skills of Tomorrow, and
- Continuous Learning Programmes

SVSU will focus on meeting the skill demands of the State in the current and emerging areas of various sectors such as manufacturing, automobile, IT, healthcare, construction, banking & finance, hospitality, agriculture, etc. Experiential learning will be enabled through flexible entry & exit avenues, credit accumulation & transferability and blended learning methodologies of simulation & gamification. Focus on 'Entrepreneurship and Skills of Tomorrow' will also form an important prerogative of the University.

Sh. Raj Nehru
Vice Chancellor
SVSU

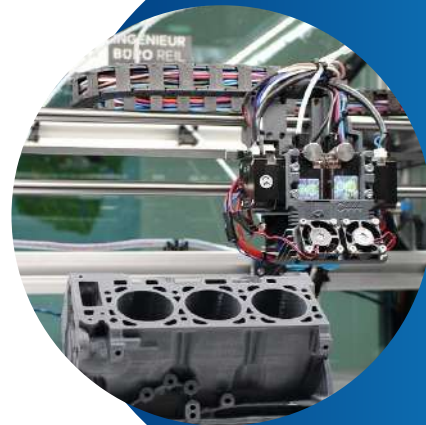


About the Department

Skill Department of Automotive Studies is one of the biggest departments of the University equipped with a well-qualified, trained and talented pool of faculty graduated from IITs, NITs, and renowned institutions of India. The Department adopted Outcome-Based Education (OBE) and is creating latest infrastructure with state-of-the-art laboratories and other supporting facilities to provide enhanced learning environment and has an excellent industry connect. The Department attracts the best of engineering aspirants from all over the country

About the Programme

In line with the existing and emerging needs of the Manufacturing Industry (Manufacturing Vision 2030), research and academics, the Skill Faculty of Engineering and Technology has designed and is going to introduce an innovative four-year B. Tech programme on Mechanical and Smart Manufacturing from academic session 2022-23.



The program offers flexibility to the students in accordance with the NEP 2020 and new guidelines issued by the AICTE APH 2022-23. Specialized courses have been embedded in the curriculum to build domain knowledge for smart manufacturing industries and to provide the relevant skills in multidisciplinary areas of study. Immense significance is placed on industry internships (Schneider Electric India, JBM etc.) with an attempt to provide hands-on experience in many spheres of technology related to smart manufacturing.

This program will provide students an opportunity to learn both fundamental concepts of mechanical engineering and manufacturing science, latest tools and technologies in the field of Industry 4.0 technologies – Automation/Robotics, Internet of Things, AI, Additive Manufacturing etc.

Salient Features

- Choice based credits system (CBCS)
- Project based learning in each year of the programme
- Emphasis on progressive skill-based learning and hands-on experience
- Immense significance on industry internships with industry partners
- Opportunity to work with MNC's and Industry leaders
- Development of critical thinking
- Problem solving aptitude for new product development
- Flexible exit and entry as per NEP2020

Selection Process

As per the schedule notified on the website: <http://www.hstes.org.in> by Haryana State Technical Education Society under the department of technical education, Haryana.

Eligibility: As per AICTE norms

Intake:60



About the Industry Partner

Schneider Electric India Pvt. Ltd

Schneider Electric India Pvt. Ltd (SEI), a 100% subsidiary of Schneider Electric Industries SAS, is one of the top three energy management companies in India. Schneider Electric offers integrated solutions across multiple segments, including installation systems and control, digital automation and energy management, Industries & Machines Manufacturers, real-time automation, Smart Manufacturing technologies for deploying Industry 4.0 in manufacturing plant, IOT Monitoring & System Alert is a cloud-connected monitoring and control system for plants & machines.



JBM Group

JBM Group is a \$2.2 bn global conglomerate with operations in more than 25 locations across 10 countries throughout the world. JBM Group is amongst the world's leading manufacturers and providers of sustainable solutions for the future in various segments such as key auto components & systems, electric vehicles and buses, EV aggregates, charging infrastructure etc.



Role of Industry Partners

Schneider Electric India Pvt. Ltd and JBM Group shall be the knowledge/ education and training partner for B.Tech Mechanical and Smart Manufacturing program. Undergraduate students may be deployed in PAN India plants of both industry partners for working/internship on real time problem of industry. The training/ internship will be jointly mentored by SVSU faculty and mentor from industry partner.

Potential Recruiters

- Hero
- Honeywell
- Tata
- NTPC
- Godrej
- BHEL
- L & T

- Maruti Suzuki
- ABB
- JBM
- Escorts
- Mahindra and Mahindra
- Kirloskar
- ACE

Prospective Job Roles

- Manager Process Engineering
- Automotive Manager-PLM (Product Lifecycle Management)
- Manufacturing Quality Manager
- Product Design Manager
- Prototyping Manager
- Infrastructure Equipment Manager (Plant & Machinery)
- Strategic Manufacturing Design Engineer

Faculty

Dr. Suresh Kumar,
Skill Professor, Mechanical Engineering & Dean SFET
Ph.D. (Indian Institute of Technology, Delhi)

Dr. Sanjay Singh Rathore
Skill Associate Professor, Mechanical Engineering
Chairperson
Ph.D. (Indian Institute of Technology, Roorkee)

Dr. Nirmal Singh
Skill Professor, Mechanical Engineering
Ph.D. (National Institute of Technology, Hamirpur)

Dr. Ashish Shrivastava
Skill Professor, Electrical Engineering
Ph.D. (Indian Institute of Technology, Delhi)

Faculty

Dr. Mani Kanwar Singh

Skill Assistant Professor (Mechanical/Mechatronics)

Ph.D. (Thapar University, Punjab)

Dr. Preeti

Skill Assistant Professor (Electrical Engineering)

Ph.D. (National Institute of Technology, Hamirpur)

Dr. Sunil Kumar Sharma

Skill Assistant Professor (Mechanical Engineering)

Ph.D. (IIT ISM Dhanbad)

Mr. Dinesh Kumar

Skill Assistant Professor (Mechanical Engineering)

Ph.D Pursuing (DCRUST Murthal)

Mr. Sajan Kumar Wahi

Skill Assistant Professor (Mechanical Engineering)

Ph.D Pursuing (Indian Institute of Technology, Delhi)

Ms. Ekta

Skill Assistant Professor (Mechanical Engineering)

Ph.D Pursuing (IGDTUW, Delhi)

Dr. Ravinder Kumar

Skill Associate Professor, CoSE/IT

Ph.D (Guru Gobind Singh Indraprastha University, Delhi)

Dr. Lalit Kumar

Skill Assistant Professor (Electronics/Robotics)

Ph.D. (National Institute of Technology, Delhi)

Dr. Aanchal

Skill Assistant Professor (CSE)

Ph.D. (Jawaharlal Nehru University, Delhi)

Dr. Meenakshi Agarwal

Skill Assistant Professor (Electronics Engineering)

Ph.D (Netaji Subhas Institute of Technology, Delhi)

Ms. Deepika

Skill Assistant Professor (Civil Engineering)

M.Tech (National Institute of Technology, Kurukshetra)

Ms. Deepti Singh

Skill Assistant Professor (Electrical Engineering)

Ph.D Pursuing (NSUT, Delhi)

