About University

Shri Vishwakarma Skill University (SVSU) enacted as State University by Government of Haryana through an Act No. 25 of 2016 vide THE SHRI VISHWAKARMA SKILL UNIVERSITY ACT ,2016. SVSU has adopted Industry Integrated Dual Education Model for its National Skill Qualification Framework aligned Diploma, UG, PG & Ph.D. programmes in vocational studies in line with German Dual Model vocation education pedagogy. University conducts these courses with active participation of industries in various business domains. This education model facilitates "Earn-While-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a programme. Industry partners, one of valuable stakeholders, are proactively participating from end-to-end in programme conceptualization, curriculum design and development, students' selection process and On-the-Job Training (OJT)/ internship/ training in the industry premise for real time Learning of the students.

OUR VISION

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

OUR MISSION

To focus on quality of skill education, aspired by students and admired by industry, nationally and internationally.

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 unchartered 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 Programme

The B. Tech. Computer Science & Engineering (AI & ML) is a 4-years undergraduate programme comprising of 8 semesters. This programme is designed to empower the students professionally as well as technically exceptional in developing advance machine learning systems by deploying Artificial Intelligence algorithms. This programme develops the skills of constructing the efficient applications or solutions integrated with analytical information ensuring precise output.

This programme imparts the comprehensive knowledge of various programming languages required for development of AI and ML applications and systems. Elective courses on state of the art technology like Blockchain, IOT, and cloud may also be offered to the students of this programme. This programme includes several unique features such as project-based leaning, choice-based credit system and industry support for internship/On Job Training that will prepare the learner holistically for professional environment.

About the Department

Skill Department of CS/IT is one of the emerging department of the University equipped with well-qualified and trained faculty in various emerging areas. The department adopted Outcome-Based Education (OBE) and has an adequate latest infrastructure with state-of-the-art laboratories and other supporting facilities to provide enhanced learning environment. The department attracts the best of engineering aspirants from all over the country. The highlights of the department includes dedicated state of the art laboratories, digitally equipped classrooms, industry academic tie-up and support in the relevant domain.

Job Prospects

Student can be fit into variety of domains including Manufacturing, Fintech, Healthcare, Agriculture/Food Processing, Education, Retail/Customer Engagement, Human and Robot interaction/intelligent automation, Smart City, Aid for Differently Abled/Accessibility Technology.

Eligibility: As per AICTE norms/ Intake: 60

Salient features and Key Highlights of Program

- Approved by the All India Council for Technical Education (AICTE)
- Industry need–based curriculum
- Highly Qualified and dedicated faculty
- Internship/live – project in association with industry
- Relevant set of skills in multidisciplinary
- Choice based credits system
- Open choices for recent and advanced courses
- Opportunities for Research with industry
- Future skill based curriculum
- State of the Art Laboratories

- Advance ML, AI, Big Data, Multimedia, Programming Lab
- Tie up with leading software companies
- Acceptance of MOOC courses
- Options for multiple Entry and multiple exit as per NEP 2020
- Handholding/Mentoring for Startup
- Placement assistance in reputed Industries

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.

Potential Recruiters

Intel	Adobe
Lenovo	Facebook
Uber	Accenture
AT&T	Microsoft
Comcast	Amazon
Goldman Sachs	NVIDIA
MoTek Technologies	Microsoft
IBM	IBM
PCO Innovation	Wells Fargo
Rakuten Marketing	Samsung

Prospective Job Roles

Machine Learning Engineer

Artificial Intelligence Engineer

Data Scientist

Data Engineer

R&D Engineer

Analyst Engineer for Intelligent Networks

Business Intelligence Developer

Research Scientist

Big Data Engineer/Architect

Software analysts and developers.

Research scientists and engineering consultants.

About Industry Partners

Amazon Internet Services Pvt. Ltd.
(Amazon Affiliate)

The collaboration is to develop cloud-ready job skills by deploying a range of education, training, and certification programs to accelerate cloud-related learning and development. Amazon Affiliate and SVSU will collaborate to identify opportunities to provide trainees access to the AWS Educate program. The adoption of AWS Educate will give trainees access to resources needed to accelerate cloud-related learning endeavors, including AWS Promotional Credits for hands-on experience with AWS technology, training, content, career pathways, and job board.

Ansyst Consulting (www.ansyst.in) is a research driven Product Development Company committed to Quality product and services. A comprehensive set of IP based hardware solutions, coupled with a wide range of IT services, and uniquely positions the company to address the dynamic requirements of a variety of industry verticals, predominantly Home Automation, Security & Surveillance, Smart Home, Healthcare sector, and Solar & Renewable Energy. Among its repertoire of IPR based solutions the flagship products of the Company are Ansyst Smart Home.

FalconicX provides Software Solutions for connecting Real world with Virtual world using Interactive and Immersive experiences. With the increase in reach and power of Smart-phones and Connected devices capabilities worldwide, we are working on bringing Software experiences that bring exceptional change in how users interact with Online world.

AWS Academy provides higher education institutions with a free, ready-to-teach cloud computing curriculum that prepares students to pursue industry-recognized certifications and in-demand cloud jobs. The curriculum helps educators stay at the forefront of AWS Cloud innovation so that the student can be equipped with the skills they need to get hired in one of the fastest-growing industries.

MoMAGIC is a leading Intelligent marketing company based on data analytics technology.MoMAGIC facilitates brands, Ad agencies and businesses acquire quality users and drive effective revenue growth with customized Data modeling, i.e. ML and AI.

Dedicated and Distinguished Faculties in Computer Science and Engineering

Dr. Suresh Kumar

Designation –Skill Professor & Dean
Department –Skill Faculty of Engineering and Technology
Qualification –B.Sc. (Mechanical Engineering) RIT (NIT) Jamshedpur, M. Tech. (Management Sc.) TITS Bhiwani, M. Tech. (IIT Delhi), Ph.D. (IIT Delhi)
Specialization –Renewable Energy
Experience –25+ yrs

Dr. Ravinder Kumar

Designation –Skill Associate Professor and Chairperson
Department –Skill Department of CSE/IT
Qualification –Ph.D in IT, M. Tech in CSE.
Specialization –Image Processing, Machine Learning, Biometric, Privacy preservation of EHR,Wireless Sensor Network.
Experience –20 yrs

Dr. Mukta Sandhu

Designation –Skill Assistant Professor
Department –Skill Department of CSE/IT
Qualification –Ph.D , M. Tech ,B.Tech,Data to Insights MIT Boston (USA).
Specialization –Speech Technology, Data Science, Big Data, Computer Networks.
Experience –15 yrs

Dr. Nitin Goyal

Designation –Skill Assistant Professor
Department –Skill Department of CSE/IT
Qualification –Ph.D , M. Tech ,B.Tech,UGC–NET,HTET.
Specialization –Underwater Wireless Sensor Network, Wireless Sensor Network, Mobile AdHoc Networks, Vehicular AdHoc Networks.
Experience –14 yrs

Dr. Aanchal

Designation –Skill Assistant Professor
Department –Skill Department of CSE/IT
Qualification –Ph.D(Jawaharlal Nehru University(JNU), New Delhi in 2018) M. tech (Jawaharlal Nehru University(JNU), New Delhi in 2013) B. tech (Deenbandhu Chotu Ram University of Science and Technology (DCRUST), Murthal in 2011).
Specialization –Wireless Sensor Networks, Internet of Things (IoT).
Experience –4 yrs

Ms. Monika Jangra

Designation –Skill Assistant Professor
Department –Skill Department of CSE/IT
Qualification – Ph.D(Jawaharlal Nehru University(JNU)
Specialization –Data Science, Cyber Security

Ms. Ritu Rana

Designation –Skill Assistant Professor
Department –Skill Department of CSE/IT
Qualification –M. Tech ,B.Tech.
Specialization –Blockchain, Image Segmentation, Computer Architecture andOrganisation, Computer Networks, Cyber Security, DBMS, Operating System, Cloud Computing, IoT, Artificial Intelligence, .
Experience –3 Years

Admissions Open for Session 2022-23

For any Query – https://forms.gle/YEBmTyUqm2jvCsj3

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