Swami Rama Himalayan University

NAAC A+

ADMISSION PROSPECTUS 2025

SCHOOL OF SCIENCE & TECHNOLOGY

srhu.edu.in

LIMITLESS VISION, BOUNDLESS INSPIRATION

FOUNDER'S LEGACY

Born in 1925 in Uttarakhand, H.H. Dr. Swami Rama was a Yogi, philosopher, scientist, and humanitarian. Mentored by luminaries like Mahatma Gandhi, Sri Aurobindo and Rabindranath Tagore, he pursued higher studies in India and Oxford before serving as a medical consultant in London and conducting parapsychological research in Moscow.

Guided by his master, he journeyed worldwide on a quest to bridge science and spirituality. Along the way, he founded an array of top-tier spiritual and medical institutions. In the 1970s, he established the Himalayan Institute of Yoga, Science & Philosophy in the U.S., pioneering research that proved the mind's power over the body. His yogic feats were featured in Encyclopedia Britannica (1973), influencing holistic medicine and biofeedback therapy.

Returning to India, he founded the Himalayan Institute Hospital Trust (HIHT) in Dehradun, transforming healthcare and education landscape of Uttarakhand. A sage ahead of his time, Swami Rama's legacy continues to inspire generations. His mission was to serve the people of Uttarakhand in the field of health, education, rural development and more.

"Your real education begins when you learn to explore and discover yourself."

HH Swami Rama

life ka compass

Can education be more than a transaction?

Instead of guiding students to just a degree and a career, can it provide a direction to life's journey? Can it create strength of character? Make high energy a habit? And forge a mindset where every challenge is faced with a resolute will to overcome?

At SRHU, we believe it must.

For us, the syllabus is a starting point, not the finishing line. We foster holistic growth. From practical work experience to thoughtful mentoring, from incubating ideas and transforming them to enterprises, to dedicated resources for developing leadership skills and more.

This is why, in addition to academic excellence born of rigour, we promote entrepreneurship, mentorship, leadership and real-life work experiences through internships, as a way of life.

This is why we practice a culture where life skills become second nature. And the course of life's journey is defined not just by momentum, but also direction.

A mindset summed up in our brand promise.

INTERNSHIP

ENTREPRENEURSHIP

MENTORSHIP

LEADERSHIP

CENTRE FOR INNOVATION AND ENTREPRENEURSHIP

CIE is the innovation and start-up incubator of SRHU, dedicated to nurturing entrepreneurial talent among students, faculty, and staff. It empowers individuals with mentorship, infrastructure, and strategic guidance to transform ideas into sustainable ventures.

MISSION

- Cultivate creativity and entrepreneurial thinking
- Connect academia with industry and investors
- Foster sustainable innovation and growth

SUPPORT SYSTEM

- Expert mentorship
- State-of-the-art workspaces
- Access to funding
- Business development support
- Networking opportunities

STUDENT VENTURES

Start-ups like The Food Project, ULO Labs, Rang De Hope, Mindura Yogwell, and SR Care Hive showcase student innovation.

KEY HIGHLIGHTS

- Incubated nationally recognised ventures such as Canfinis Therapeutics and Himfla Pvt. Ltd.
- Hosted industry events like the Uttarakhand Innovation Festival.
- Delivered entrepreneurial skill training through bootcamps and competitions like Rangotsav.
- Created social impact through ventures addressing real-world issues.

Transform your ideas into impact—with SRHU CIE.

INTERNSHIP

INTERNSHIP PROGRAMME

We believe real-world experience is as vital as academic learning.
Our Earn While Learn Scheme (EWLS) is a paid internship opportunity for students across most programmes. It provides hands-on industry exposure, academic support, job readiness training, and leadership development.

BENEFITS FOR STUDENTS

- Apply classroom knowledge in real-world settings.
- Gain valuable industry experience during your course.
- Develop workplace skills and leadership qualities.
- Earn while you learn.

ELIGIBILITY

- Undergraduate students: From the second year onward, based on university-set criteria.
- Postgraduate students: From the first year onward, based on university-set criteria.
- Note: Ph.D. students are not eligible for this scheme.

MENTORSHIP

MENTOR MENTEE PROGRAMME

Connects students with an experienced mentor – a member of the faculty, alumni or a senior student. Mentors draw on their rich experience to offer personalised guidance for both academic and personal development.

MENTOR MENTEE PROGRAMME

Personalised Guidance
Tailored advice on academics, career planning, skill development, and navigating university life.

Career and Professional Development
Insights into potential career paths, internships, job opportunities, and professional networking, ensuring students are well-prepared for the future.

Academic Support
Assistance with academic challenges, and advice on time management and study techniques.

Networking and Industry Insights
Mentees gain access to the mentor's professional network, opening up internships, job placements, and future collaborations.

Personal Growth and Confidence Building
The mentor-mentee relationship helps students build confidence, improve decision-making skills, and foster resilience.

Long-term Relationships
The aim is to create lasting mentor-mentee relationships that extend beyond university life, supporting students' transition into their professional careers.

CENTRE FOR PROFESSIONAL & COMMUNICATION ENRICHMENT (C-PACE)

A centre of excellence dedicated to enhancing students' communication and interpersonal skills, preparing them to thrive in academic, professional, and social spheres. Operating across seven colleges—including Engineering, Management, Nursing, and Biosciences—C-PACE empowers students through soft skills training, public speaking, and professional preparedness.

Its core offerings include:

1. Soft Skills Development – Training in spoken english, confidence building, and interpersonal skills.
2. Employability Enhancement – Guidance on resumes, interviews, group discussions, and networking.
3. Collaborative Learning – Discipline-specific programs tailored to diverse academic needs.

Student-led initiatives such as Younite and Model United Nations (MUN) offer experiential platforms for leadership, event management, and global engagement.

By bridging academic learning with real-world application, C-PACE ensures students emerge as confident, adaptable, and globally competent professionals—reflecting the university's commitment to holistic education and employability readiness.


N
W
E
Ai

SCHOOL OF SCIENCE AND TECHNOLOGY

Since its inception in 2013, the School of Science and Technology (SST) has been at the forefront of delivering exceptional education and nurturing innovation. As a distinguished institution under SRHU, SST is committed to shaping future-ready professionals through progressive programmes, state-of-the-art infrastructure, and a strong emphasis on research and development. Our curriculum is industry-aligned, internationally benchmarked, and delivered with academic flexibility to ensure holistic learning. SST offers a spectrum of contemporary courses in emerging domains such as Artificial Intelligence & Machine Learning, Data Science, and Cyber Security, equipping students with the skills essential for the future of technology.

Programme Highlights

Global Pedagogy

Our teaching methodology follows globally recognised standards to ensure students receive an education that transcends borders.

Academic Collaboration with EC-Council

In partnership with the globally acclaimed EC-Council, we offer world-recognised certifications and hands-on training in cybersecurity and ethical hacking to both students and faculty.

IIT Bombay – Spoken Tutorial Initiative

We provide access to self-paced learning resources and complimentary software certifications through our collaboration with IIT Bombay's Spoken Tutorial platform.

Partnership with ICT Academy

This partnership enables faculty development programmes, student workshops, industry-specific certifications, and internship opportunities.

Association with NITTTR Chandigarh

Through this association, faculty benefit from specialised training and access to advanced technical resources.

Implementation of the National Education Policy (NEP 2020)

In alignment with NEP 2020, our BCA, B.Tech, B.Sc. Data Science and MCA programmes offer a multidisciplinary, flexible, and holistic education framework.

IEEE and ACM Student Chapters

SST has established student chapters of IEEE and ACM to offer global networking opportunities and exposure to pioneering research. These chapters enable collaboration with global leaders in science and technology.

Advanced Laboratories and Infrastructure

Our campus boasts cutting-edge laboratories in Cloud Computing, Linux, IoT, Drone Technology, and Artificial Intelligence, along with a research-centric Centre of Excellence (CoE) that bridges academic and industry needs.

Hackathons

Regularly hosted hackathons foster innovation, collaboration, and practical problem-solving among students.

Industry-Relevant Training Programmes

Our students participate in numerous hands-on workshops and training sessions, including

- Data Visualisation with Tableau
- Machine Learning with Python
- Cyber Security Workshops
- TensorFlow Training
- IoT and Drone Technology Workshops
- Cloud Computing and AWS
- AI-Powered Chatbot Development
- Cyber Threat Intelligence and Ethical Hacking
- Hybrid Mobile App development using flutter and react native.

Creative Cell

The Creative Cell serves as a vibrant platform for innovation, interdisciplinary collaboration, and project development aimed at addressing real-world challenges.

Logic Lobe – The SST Coding Club

'Logic Lobe' is a thriving student-led initiative designed to enhance programming acumen. Through workshops and collaborative projects in languages like Python, JavaScript, and C++, members refine their problem-solving abilities and stay abreast of industry trends.

Mentor-Mentee Programme

Our dedicated mentoring scheme provides personalised guidance from faculty nurturing skill development and career readiness.

Why Choose SST?

- **Industry-Focused Curriculum:** Courses are tailored to the evolving demands of the technology sector.
- **Experiential Learning:** Emphasis on hands-on learning through projects, workshops, and hackathons.
- **Global Opportunities:** Collaborations with esteemed organisations such as EC-Council, IEEE, and ACM offer students international exposure and networking avenues.

Science & Technology Programmes

Undergraduate Programmes

B.Tech. (CSE)
B.Tech. (Hons.) CSE Specialisation AI & ML, DS & ML, Cyber Security
B.Sc. Data Science / B.Sc. Data Science (Hons.) / B.Sc. Data Science (Hons. with Research)
BCA / BCA (Hons.) / BCA (Hons. with Research)

Postgraduate Programmes

MCA
M.Tech. (Computer Science and Engineering)

Diploma in Biomedical Engineering

Introduction

SRHU School of Science & Technology offers 3-year diploma in biomedical engineering for the students who are interested in pursuing careers in the field of health sciences, incorporating modern technologies.
The curriculum comprises of engineering mathematics, engineering chemistry, Computer & IT, basic electronics, medical sensors & measurement techniques, entrepreneurship etc. It focuses on developing practical skills through laboratory exercises to help students become skilled technologists who can effectively communicate & apply their knowledge in the medical and healthcare industries.
The Programme emphasises on building a strong command of biomedical principles and technical approaches through research projects, workshops, seminars, projects, group activities, field projects etc., also providing first-hand knowledge to the students in designing, developing & improving medical equipment used in the healthcare industries.

With this Diploma programme, students will be able to:

- Build knowledge of modern biological principles in their engineering design process
- Apply principles and problem-solving techniques of engineering to biology and medicine
- Design, develop and improve the medical devices for diagnosis, operation and treatment of diseases and other health ailments
- Articulate and effectively communicate with the engineering and medical community.

Eligibility

Regular Entry: Candidate must have passed High school (class X) or its equivalent examination from any recognised Institute/Board with a minimum of 45% aggregate marks. Candidate should have studied science and mathematics at High School level.

Duration

Three Years

Lateral Entry: Candidate must have passed ITI (2 years duration)/10+2 examination with science streams or its equivalent from any recognised Institute/Board.

Duration

Two Years

Employment Opportunities

- Hospital-Biomedical Technicians.
- Engineering Firms- Biomedical Engineers and Sales & Service Engineers.
- Medical and Healthcare Organizations- Application Engineer.
- Biomedical software application companies as Content & Application Developer.
- Academic Institutions-Lab Technicians.

B.Tech. (CSE)

A Bachelor of Technology (B.Tech) in Computer Science and Engineering (CSE) is a four-year undergraduate degree program that combines the principles of computer science and engineering. The curriculum typically includes foundational courses in computer science, covering topics such as programming languages, data structures, algorithms, computer architecture, operating systems, and database systems. These courses provide students with a solid understanding of fundamental concepts in computing. In addition to computer science courses, students also study engineering principles and methodologies, including topics such as software engineering, computer

networks, systems programming, and software testing. This equips students with the skills needed to design, develop, and maintain complex software systems. Students typically engage in hands-on projects, labs, and programming assignments throughout the program to apply theoretical knowledge to real-world problems. This practical experience helps students develop problem-solving skills, teamwork, and project management abilities.

With this program, you will be able to:

1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation to the solution of complex engineering problems.
2. Comprehend and apply technology, systems, techniques, resources, and modern engineering and IT tools.
3. Identify and analyse broadly-defined engineering technology problems and conclude using analytical tools appropriate to the area of specialisation.
4. Design technology solutions including system, components, or processes with due consideration for safety, public health, society, culture, and environment.
5. Conduct investigation by locating, searching, and selecting relevant data from databases, codes, and text design and experiments to provide valid conclusions.
6. Design documentation, comprehend and write effective reports, make presentations, receive and articulate instruction.
7. Be an effective contributor as an individual, team member or leader in diverse technical teams.
8. Understand and commit to professional ethics, responsibilities, and norms of engineering technology practice.

Employment Opportunities

Software Developers, Computer Network Architects, Computer Systems Analysts, Database Administrators, Information Security Analysts, Information Systems Managers etc.

Eligibility

Regular Entry: The candidate must have passed 10+2 (Class XII) or its equivalent examination with 50% marks in Physics, Mathematics, Chemistry/Computer Science with pass marks in English and an overall aggregate of 55% marks in all subjects.

Duration: Four Years

Lateral Entry

A candidate having diploma or B.Sc. degree with minimum 55% marks shall be eligible for direct admission to second year of B.Tech. program under lateral admissions. The criterion for direct admission is as given below:

a. Three years Diploma in Engineering / Technology with minimum 55% aggregate marks after 10th (Class X).

OR

b. Two years Diploma in Engineering / Technology with minimum 55% aggregate marks after 10+2 (Class XII).

OR

c. B.Sc. with Mathematics, Physics, Chemistry or Computer Science as compulsory courses with minimum 55% aggregate marks.

Duration

Three Years

B.Tech. (Hons.) CSE

Artificial Intelligence & Machine Learning, Data Science & Machine Learning, Cyber Security

The current IT industry is very dynamic. Its horizons are broadening day by day and newer avenues and opportunities are coming up very rapidly. As a result, the work culture in the industry has become more demanding and asks students to be quickly adaptable. To be employable in the industry a student is required to not just graduate from college with a degree but is expected to remain updated and skilled with trending practices. IT industry is in immediate need of engineering graduates who can quickly adapt to the world of this dynamic computing. At the same time development practices within organisations are continuously being renewed to create and deliver software products with the highest possible efficiency.

In B.Tech. Computer Science & Engineering programme, the students are offered courses in trending technologies like Artificial Intelligence & Machine Learning, Data Science, and Cyber Security. This enables students to understand the future of computer technology and develop the required industry-needed skills. Additionally, students are able to imbibe professional practices and be hands-on with real-world industry experience as they graduate from college.

Students get industry insights on newer technologies, right from the beginning of the course. Industry experts also deliver guest lectures and students gain hands-on experience through experiential learning. With these

in-demand skills, computer science students can prepare themselves in advance and enhance their chances of high-paying jobs in the industry.
Our engineering school in Dehradun is offering B.Tech. program in two different specialisations:

Career Prospects

AI & ML

Machine Learning Engineer, Artificial Intelligence Engineer, Deep Learning Engineer, Software Engineer, Computer Network Administration, Natural Language Processing Engineer, etc.

DS & ML

Data Analyst, Data Scientist, Machine Learning Engineer, Business Intelligence (BI) Developer, Big Data Engineer, Data Engineer.

Cyber Security

Cyber Security Architect, Information Security Lead, Cyber Security Engineer, Network Security Engineer, Technical Lead, Cyber Security Analyst, Network Security Engineer etc.

Specialisations

Artificial Intelligence & Machine Learning

In the current automated world, it is quite rare to find a sector or horizon untouched by AI. There are various applications of Artificial Intelligence, of which some of the important applications in various sectors include E-commerce, Education, Lifestyle, Navigation, Robotics, Fraud Prevention, Voice Assistants, Personalised Learning, Human Resource, Healthcare, Agriculture, Gaming, Automobiles, Social Media, Marketing, Chatbots, Finance, etc.
A student pursuing B.Tech. in Artificial Intelligence and Machine Learning is exposed to the variety of applications that can be built using techniques covered under this program. The degree will build strong problem-solving and analytical skills to help create solutions for different business applications. Pursuing this field will enable a student to prepare in advance for highly favorable jobs which are only bound to increase with time.

Data Science & Machine Learning

B.Tech. (Hons.) CSE with DS &ML provides a more specialised and rigorous education compared to a traditional B.Tech. program. B.Tech. (Hons.) CSE with DS &ML typically offers a curriculum focused on foundational principles of computer science, mathematics, statistics, and machine learning, with a strong emphasis on practical applications in data analysis and interpretation. Programme may cover topics such as data mining, data visualisation, artificial intelligence.

Cyber Security

Cyber Security is a field that plays a vital role in protecting individuals, organisations, and nations from cyber threats. Pursuing a career in Cyber Security can give you the opportunity to make a significant contribution to society.
As for the scope of B.Tech. in CSE with a specialisation in Cyber Security in India, the outlook is very positive. With the growing digitisation of businesses and government services, the demand for Cyber Security professionals is expected to increase significantly in the coming years. Additionally, the Indian government has launched several initiatives to promote Cyber Security awareness and skills development, which is expected to further boost the demand for Cyber Security professionals.

Employment Opportunities

Computer Science & Engineering – Software Developer, Computer Network Administration, Computer Systems Analyst, Database Administrator, Information Security Analyst, Information Systems Manager
Additional scope with specialisation in:
Artificial Intelligence & Machine Learning - Machine Learning Engineer, Data Scientist, Data Analyst, Data

Engineer, Artificial Intelligence Engineer, Deep Learning Engineer,
Data Science & Machine Learning - Data Analyst, Data Scientist, Machine Learning Engineer, Business Intelligence (BI) Developer, Big Data Engineer, Data Engineer.
Cyber Security - Security analyst, Cryptographers, Penetration Tester, Security Architect, Security Consultant.

Eligibility

Regular Entry: The candidate must have passed 10+2 (Class XII) examination with Physics, Mathematics and Chemistry / Computer Science / Information Technology and obtained at least 60% marks as aggregate in 12th class from a recognised Board.

Duration

Four Years

Lateral Entry

A candidate having Diploma or B.Sc. degree with minimum 55% marks shall be eligible for direct admission to second year of B.Tech. program under lateral admissions. The criterion for direct admission is as given below.

OR
Three years Diploma in Engineering/ Technology with minimum 55% aggregate marks after 10th (Class X).
OR
Two years Diploma in Engineering/ Technology with minimum 55% aggregate marks after 10+2 (Class XII).
OR
B.Sc. with Mathematics, Physics, Chemistry or Computer Science as compulsory courses with minimum 55% aggregate marks.

Duration

Three Years

B.Sc. Data Science | B.Sc. Data Science (Hons.) | B.Sc. Data Science (Hons. with Research)

The curriculum of this three-year programme is designed to equip the students with the necessary tools, techniques, and skills in mathematics, statistics, and computer science allowing them to fully understand the principles of data mining, predictive modelling, big data analytics, machine learning and data visualisation. By studying these critical areas students will be able to develop their expertise in data science and gain ability to analyse data effectively and make informed decisions. Upon the successful completion of the programme the students will retain robust set of specialised analytical skills, developed specifically for effective problem-solving. The students will be eagerly sought by the employers in sectors such as IT, Consulting, BFSI, Marketing, Manufacturing, Operations, Healthcare, Education, Banking, Finance, Sports, Media and numerous other fields.

Placements

The placement cell helps students prepare for & secure employment after graduation. They assist the students in framing their CVs, Personality Development, Group Discussions & also developing their soft skills to develop their overall professional persona.
They also establish connections with reputed firms and organisations to provide students with job opportunities & internships.
With this programme, you will be able to:

1. Gain proficiency to comprehend and apply methodologies as well as use intricate mathematical & statistical models to tackle real-world problems in various disciplines
2. Understand various statistical software packages to conduct data analysis and draw actionable conclusions from computer output
3. Apply data science in business, finance, management, marketing and beyond

Employment Opportunities

Data Architects, Data Administrators,
Business Intelligence Managers, Data Scientists,
Data Analysts etc.

Eligibility

Regular Entry: Candidates must have passed 10+2 (an aggregate of minimum 50% marks) in any discipline with Mathematics as an essential subject.

Duration

Three Years for B.Sc. Data Science
Four Years for B.Sc. Data Science (Hons.)| B.Sc.Data Science (Hons. with Research)

BCA | BCA (Hons.) | BCA (Hons. with Research)

BCA programme enables you to learn basics of computer applications and software development and

prepares you to become a programmer. A great choice for students seeking to build a career in IT, the programme will teach you design and development of mobile and web applications as you learn languages like Python, Java, php, C, C++, Android, etc. Additionally, students will expose themselves to database management systems, JSP, Servlet, Networking theory, Software Engineering theory, AIML Theory, Cryptography, IoT, etc. At the end of the course students will be able to apply for jobs in the IT industry or go for higher studies with courses such as MCA.

With a duration of three years, this professional course aims to provide students with a blend of practical & technical knowledge, making them well-prepared for the demand of industry. The curriculum of the programme is regularly updated to ensure that students are exposed to latest technologies and trends in the field to keep-up with the fast-paced changes in the industry.

Placements

The placement cell helps students prepare for & secure employment after graduation. They assist the students in framing their CVs, Personality Development, Group Discussions & also developing their soft skills to develop their overall professional persona.

They also establish connections with reputed firms and organisations to provide students with job opportunities & internships.

With this programme, you will be able to:

1. Build domain expertise and apply knowledge of mathematics and computing appropriate to the discipline.
2. Comprehend and apply contemporary techniques, skills, resources, and IT tools necessary for computing practices.
3. Identify and analyse computing problems and outline the computing requirements appropriate to its solution.
4. Design computing solutions for sustainable development and with due consideration for society, culture, and environment.
5. Understand Cyber regulations and commit to professional ethics, responsibilities, and norms of computing practices.
6. Able to articulate and effectively communicate with the computing community.

Employment Opportunities

Software Developers, Web Developers, Mobile App Developers, Computer Programmers, Computer Operators, Computer Application Tutors, Senior Application Support Analysts, Business Analysts, IT Support, Entrepreneur etc.

Eligibility

Candidate must have passed 10+2 with aggregate of minimum 50% marks.

Duration

Three Years for BCA

Four Years for BCA (Hons.)/ BCA (Hons. with research).

Postgraduate Programmes

MCA

MCA is a two-year professional programme which aims to provide the students with extensive understanding of the advanced topics of computers and lays a strong emphasis on practical skills that are required in the field. The curriculum of the programme is constantly revised to align with the latest industry trends and advancements. It covers wide range of topics like data structure and algorithms, computer networks, software engineering, AI & data mining, cloud computing, business intelligence and more to ensure that the students receive contemporary and inclusive cognisance so that they could attain success in ever-evolving technological field.

The programme comprises of interdisciplinary learning including important soft skills like critical thinking, adaptability, leadership, communication, problem-solving etc. providing the students with a unique combination of technical expertise and interpersonal abilities to help students to be more well-rounded, versatile and stand-out in the competitive job market.

Placements

The placement cell helps students prepare for & secure employment after graduation. It assists the students in framing their CVs, Personality Development, Group Discussions & also developing their soft skills to develop their overall professional persona.

They also establish connections with reputed firms and organisations to provide students with job opportunities & Internships.

Employment Opportunities

Application Developers, Systems Analysts, Cloud Architects, Web Designers/Developers, Software Developers or Software Programmers, Hardware Engineers, Data Scientists, Database Engineers, Business Analysts, Technical Writers, IT Architects,

Software Consultants, Social Media Managers, Ethical Hackers, Quality Assurance Analysts, Project Managers etc.

With this programme, you will be able to:

1. Acquire deep understanding of computing fundamentals and know-how of evolving / emerging fields in Computer Science.
2. Build computing specialisation and domain knowledge of appropriate computing models.
3. Understand, design and develop scalable computing solutions for domain/ industry specific complex problems.
4. Analyse, interpret, process the data and conduct investigation & experiments to provide valid conclusions .
5. Adapt and apply contemporary computing tools and techniques to solve real life problems.
6. Carry out research to provide solutions for complex computing problems.
7. Create and add value for the advancement of an individual and society at large.
8. Design documentation, comprehend and write effective reports, make presentation, receive and articulate instruction.
9. Understand cyber regulations and commit to professional ethics, responsibilities and norms of ethical computing practice.
10. Build effective computing skills, professional competence and leadership to efficiently manage projects for multi-disciplinary environments.

Eligibility

Passed BCA/Bachelor Degree in Computer Science Engineering or equivalent Degree and has obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) OR
Passed B.Sc. with Mathematics and has obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) OR
B. Voc. in Computer Science and has obtained at least 50% marks (45% marks in case of candidates belonging to reserved category)

Duration

Two Years

M.Tech. (Computer Science and Engineering)

Introduction

The field of Computer Science and Engineering (CSE) is evolving rapidly, driven by advancements in artificial intelligence, cybersecurity, data science, and cloud computing. An M.Tech. in CSE is a postgraduate degree designed to provide students with in-depth technical knowledge, hands-on experience, and research opportunities in various specialised areas of computing. This program is ideal for those aspiring to build a career in research, academia, or industry-leading technology firms.
By enrolling in an M.Tech. (CSE) programme, students gain expertise in cutting-edge technologies, problem-solving skills, and the ability to develop innovative solutions for complex computational problems. Additionally, the degree provides opportunities for collaborations with top research institutions, government agencies, and multinational companies, making it a valuable choice for career growth.
With this M.Tech. (CSE) programme, students will be able to:

- Gain advanced technical knowledge in computer science and engineering.
- Develop problem-solving and analytical skills to tackle real-world computational challenges.
- Engage in research and innovation, contributing to technological advancements.
- Enhance career opportunities in academia, industry, and government sectors.
- Pursue entrepreneurial ventures by leveraging technical and management expertise.

Eligibility

Minimum 55% Marks in Bachelor's degree in Engineering /Technology (IT/CS/CSE) OR an equivalent degree in an appropriate area OR M.Sc (Computer Science/Information Technology) OR MCA.

Duration

Two Years

Employment Opportunities

Students can explore careers in various domains including software Development, Research and Development, Artificial Intelligence, Data Science, Cyber Security, Academia, Government Jobs, Entrepreneurship and more.

Admission Process

Postgraduate Programmes

M.Tech

MCA

Admission will be made on the basis of marks obtained

in Graduation and the Personal Counselling & Interaction, conducted by the University Admission Committee, with the candidate.

Admission Process

Postgraduate Programmes

M.Tech

MCA

Admission will be made on the basis of marks obtained in Graduation and the Personal Counselling & Interaction, conducted by the University Admission Committee, with the candidate.

Undergraduate Programmes

B.Tech CSE | B.Tech (Hons.) CSE with specialisation in AI&ML | DS&ML | Cyber Security

Admission shall be based on the merit list prepared on the basis of marks secured in 10+2 (Class XII) Examination. Due weightage shall be given to the candidates with valid JEE| BIT| Sat score.

BCA | BCA (Hons.) | BCA (Hons. with Research)

Admission will be made on the basis of marks obtained in 10+2 and the Personal Counselling & Interaction conducted by the University Admission Committee, with the candidate.

B.Sc. Data Science | B.Sc. (Hons.) Data Science | B.Sc. (Hons. with Research) Data Science

Admission is strictly based on the merit list prepared on the basis of marks secured in the qualifying examination or as decided by the University, from time to time.

Diploma Programme

Bio Medical Engineering

Admission are based on marks obtained 10+2 (Class XII) Examination.

GLOBAL COLLABORATIONS, RECOGNITIONS AND AFFILIATIONS

IIT Roorkee

Ernst & Young

NABL

Learnet Skills for Life

SGPGI

ICMR

Finland

DSIR

HANS Foundation

American Heart Association

NMC

Airports Authority of India

AIIMS

CII

Japan

ELSEVIER

LIFE @ SRHU

At SRHU, life goes beyond classrooms. It's a vibrant journey where students learn, grow, and thrive — not just academically, but also through sports, music, arts, and a wide range of co-curricular and extra-curricular activities. With ample opportunities to discover and showcase their talents, students here shape a life full of learning, friendships, and unforgettable experiences.

AWARDS & RECOGNITION

SRHU's **Shourya Saini** Wins Gold and Silver at World Championship

At Swami Rama Himalayan University (SRHU), students are empowered to chase excellence—both in academics and beyond. A shining example is Shourya Saini, who brought glory to the nation by winning Gold and Silver at the 2024 World Deaf Shooting Championship in Hanover, Germany.

SRHU stood firmly behind Shourya's journey, providing crucial support including financial aid for equipment—helping him aim for Olympic dreams with confidence.

His remarkable success in a highly competitive field of over 16 countries, is not just a personal victory, but an inspiration for every SRHU student to dream big, push boundaries, and know that their university will always support their aspirations for excellence.

PLACEMENT

ANTRIKSH RATURI

BBA, K.P. Enterprises

VANSH SHARMA

B. Tech CSE, Portway Solutions India Pvt Ltd

VIDHI SHARMA

BCA, Infosys

RITIKA NAGAR

B.Tech CSE, Realty Assistant

ANSHIKA BARTHWAL

MBA, TEACHNOOK

SRISHTI PANWAR

B.Com, WowJobs

ASHISH BHATT

B.Tech CSE, 75way Technologies Pvt Ltd

SUBHAM NEGI

B.Tech CSE, Orion Marine Concepts

280+ RECRUITERS

30+ ANCHOR RECRUITERS

Infosys

wipro

Grant Thornton

Justdial

SBI Securities
Investment aur Trust, Dono

HDB FINANCIAL SERVICES

MarshMcLennan

nagarro

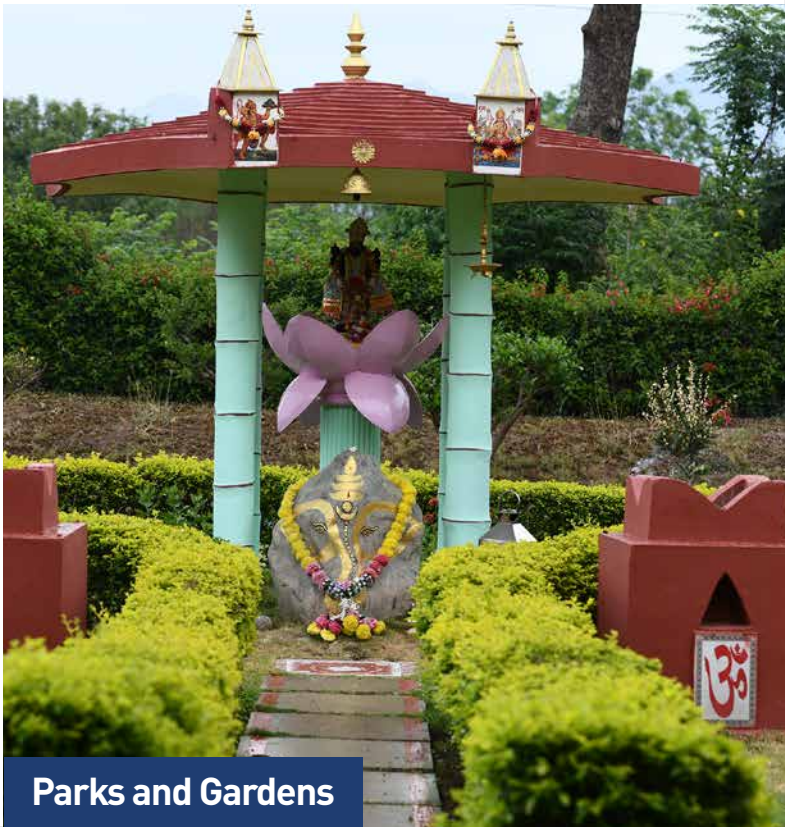
FACILITIES & AMENITIES

Our campus is safe, secure, well illuminated and comfortable. Available facilities provide convenience & comfort and facilitate successful academic & social life for students.

Hostels and Residences

Canteen and Café

Utility Center



Parks and Gardens

We believe education is more than just a destination,
it's a journey of self-discovery. A journey that challenges, inspires,
and shapes the future you envision for yourself.
With best-in-class faculty, future-ready infrastructure,
and a learning environment rooted in values and innovation.
SRHU empowers you to uncover your unique strengths,
follow your passions, and build a life of purpose.
Here, you don't just earn a degree, you discover your path.

Swami Rama Himalayan University

स्वामी राम नगर, जौलीग्रांट, देहरादून 248016, उत्तराखण्ड, भारत

Swami Ram Nagar, Jolly Grant, Dehradun 248016, Uttarakhand, India.

Tel:+91-135-2471102 / 2471140 | Fax:+91-135-2471141 | Email: info@srhu.edu.in | srhu.edu.in