



# SHREE VENKATESHWARA Hi-Tech Engineering College

Othakuthirai, Gobi - 638 455, Erode (Dt.), Tamilnadu

**AUTONOMOUS**

## The Institution

Shree Venkateshwara Hi-Tech Engineering College is one of the premier Educational Institutions in Erode, Tamilnadu which provides ample opportunities, dedication and excellent service in the field of Engineering. It stands to impart knowledge with the learning of the latest developments of the world to meet the growing demand for trained manpower.

It is missioned to implement new education methodologies to enable quality learning, independent thinking and to develop the whole-some personality of the students who aspire for excellence in order to face the challenges in the competitive world.

### UG COURSES

- ✓ BE - Civil Engineering
- ✓ BE - Computer Science & Engineering
- ✓ BE - Electronics & Communication Engineering
- ✓ BE - Electrical & Electronics Engineering
- ✓ BE - Mechanical Engineering
- ✓ BE - Biomedical Engineering
- ✓ BE - CSE (Cyber Security)
- ✓ BE - CSE (Artificial Intelligence & Machine Learning)
- ✓ B.Tech - Information Technology
- ✓ B.Tech - Pharmaceutical Technology
- ✓ B.Tech - Artificial Intelligence & Data Science

### PG COURSES

- ✓ ME - Construction Engineering & Management
- ✓ ME - Structural Engineering
- ✓ ME - Industrial Safety & Engineering
- ✓ MBA - Master of Business Administration

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[www.svhc.in](http://www.svhc.in)



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## BE Biomedical Engineering



### Course Description

Biomedical Engineering is an application of engineering methods & processes in medicine & health. Bioengineers design various devices or equipment such as machines for diagnosing medical problems, artificial internal organs & replace body parts.

Bioengineers work with researchers, therapists & doctors to develop devices, systems & technology to solve problems related to clinical, health issues & other various diseases of human.

### JOB OPPORTUNITIES

- >> Medical Instrument Engineer
- >> Clinical Biomedical Engineer
- >> Biomedical Scientist / Researcher
- >> Biomaterials Developer
- >> Installation Engineer

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## BE CIVIL ENGINEERING



### Course Description

Civil Engineering is a course which deals with the development of the practical skills required to plan, design and execute the construction of public infrastructure.

Throughout the course, students will get a deeper understanding of the various concepts involved under the broad spectrum of civil engineering.

The course will be tasked with ways to improve existing infrastructure & modernise them to meet present requirements.

### JOB OPPORTUNITIES

- >> Surveyor
- >> Site Engineer
- >> Assistant Engineer
- >> Urban and Regional Planners
- >> Environmental Engineers

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## BE Computer Science and Engineering



### Course Description

The curriculum offered facilitates students of B.E (CSE) in becoming excellent engineers while also equipping them to pursue higher studies and research work.

The BE - CSE Course at SVHEC highlights Outcome Based Education (OBE) & follows a student-centric teaching and learning methodology designed to help students achieve well-defined objectives after completing the courses.

### JOB OPPORTUNITIES

- >> Web Developer / Software Developer
- >> Data Scientist / Software Engineer
- >> Full Stack Developer / DevOps Engineer
- >> Multimedia Programmer
- >> Network Security Engineer

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## BE Electronics and Communication Engineering



### Course Description

Electronics and Communication Engineering deals with the study of design, manufacture, installation and operation of electronic equipment, system, machineries and telecommunication systems. The course shares diverse areas from creative, interaction, embodiment designing to instrumentation, robotics and automation.

Electronics engineers have to use a blend of concepts & techniques for designing, production, installing, and maintaining the relative systems.

### JOB OPPORTUNITIES

- >> Electronic Design Engineer
- >> Embedded Software Engineer
- >> R&D Software Engineer
- >> VLSI Design Engineer
- >> Network Support Engineer

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## BE Electrical and Electronics Engineering



### Course Description

The B.E. EEE program/course is mainly aimed towards imparting knowledge in the field of electronics and electrical industry.

This is the perfect program for students interested in a career as Electrical engineers or positions in the Electrical and Electronic area or eager to acquire knowledge in Electricity generation and transmission networks.

### JOB OPPORTUNITIES

- >> IT consultant
- >> Network engineer
- >> Automation Engineer
- >> Plant designing & planning officer
- >> Purchase and Quality Control Executive

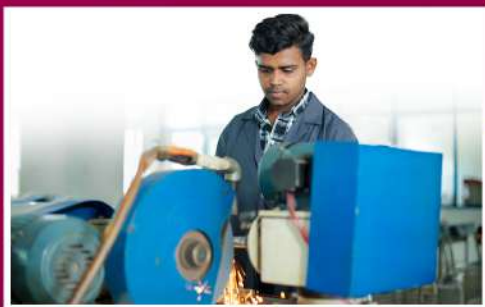
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## BE Mechanical Engineering



### Course Description

Mechanical Engineering is regarded as the oldest and most Prestigious branch of Engineering. A Mechanical Engineer works with the mechanisms of machines.

Aerospace & manufacturing are two industries where a Mechanical Engineering degree can lead to a successful career with high annual pay. By 2026, employment for Mechanical Engineers is expected to increase from 9% to 11

### JOB OPPORTUNITIES

- >> Design Engineer
- >> Maintenance Manager
- >> Research and Development Engineer
- >> Mechanical Engineer Manager
- >> Power Train Engineer

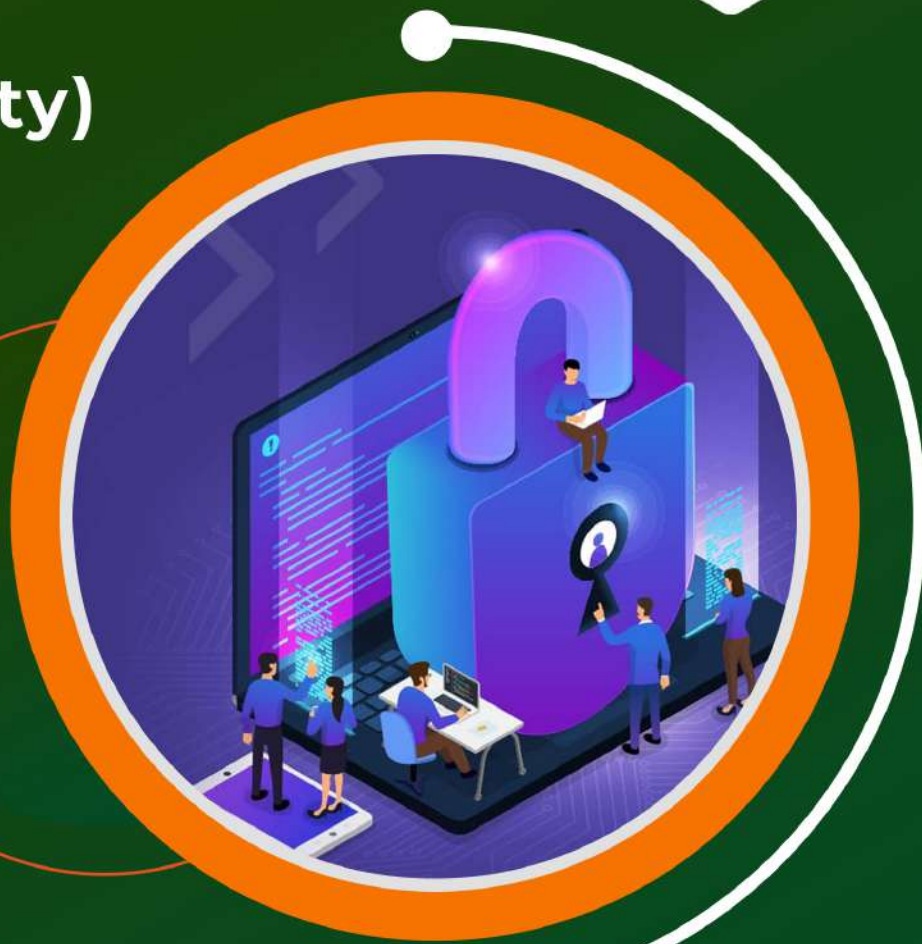
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## BE CSE (Cyber Security)



### Course Description

CSE (Cyber Security) is designed to address the industry's increasing demand for skilled security professionals in the public and private sector, both in the Data Security and in the Network/Cloud Security domains. The emphasis of the program is to nurture students with the knowledge and skills required to secure computers, detect and analyze attacks and threats, respond to attacks, develop security policies, procedures, and standards.

### JOB OPPORTUNITIES

- >> Computer forensic Analyst
- >> IT Security Analyst
- >> Cyber Security Analyst
- >> Cyber Security Administrator
- >> Cyber Security Compliance Engineer

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## BE CSE (Artificial Intelligence & Machine Learning)



### Course Description

CSE (Artificial Intelligence and Machine Learning (AIML)) are the demanded technologies in the industry for design and development of intelligent systems. This programme program is intended at studying, designing, developing, implementing, support & management of computer-based information systems. This specialization will enable the student to design and develop various intelligent systems with cutting edge technology courses viz., artificial intelligence, machine learning, computer vision, robotics, mobile application development & natural language processing etc.

### JOB OPPORTUNITIES

- >> Data Analyst
- >> Advanced Software Engineer
- >> AIML Architect
- >> Software AIML Engineer
- >> AIML Manager

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NAAC 'A' GRADE

ACCREDITED  
BY  
**NBA**  
CIVIL, CSE  
EEE, MECH

## B.Tech Information Technology



### Course Description

Information Technology Programme, the IT academicians prepare students to learn to programme in a higher-level language, work effectively with a client and members of a software development team to analyze specify design implement test & document software that meets the clients needs.

B.Tech IT students to acquire new computer skills independently as technologies evolve in technical concepts to develop a plan to integrate applications & softwares into a professional manner.

### JOB OPPORTUNITIES

- >> Full stack developer
- >> Network Administrator
- >> Software application packager
- >> IT Security specialist
- >> User experience designer



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NAAC 'A' GRADE

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**NBA**  
CIVIL, CSE  
EEE, MECH

## B.Tech Artificial Intelligence & Data Science



### Course Description

The B.Tech - Artificial Intelligence & Data Science (AI & DS) is focused on providing a solid academic foundation in the core concepts of artificial intelligence & data science. It is a specialised branch that deals with the development of data-driven solutions, data visualization tools and techniques to analyse big data. Students completing this programme will become full-stack data scientists, well-equipped for a variety of job roles depending on their choices and personality.

### JOB OPPORTUNITIES

- >> Instrument Engineer
- >> Software Engineer
- >> Scientific Researcher
- >> Quality Engineer
- >> Installation Engineer



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**NBA**  
CIVIL, CSE  
EEE, MECH

## B.Tech Pharmaceutical Technology



### Course Description

Pharmaceutical Technology focuses on designing, building, and improving manufacturing facilities that produce drugs.

Pharmaceutical Technology directly involved in the research, development, creation and manufacturing of new pharmaceuticals.

Pharmaceutical Technology work directly in product development, frequently collaborating with other pharmaceutical experts to create novel medications and drug components.

### JOB OPPORTUNITIES

- >> Drug Analyst
- >> Clinical Analyst
- >> Biotechnology Analyst
- >> Drug Inspector
- >> Pharmacology Expert



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ACCREDITED  
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**NBA**  
CIVIL, CSE  
EEE, MECH

## B.Tech Biotechnology



### Course Description

B.Tech (Biotechnology) is a combination of biological sciences & technology, a fast growing and evolving field in Engineering. It is focused on bridging the life sciences and engineering domains comprising major thrust areas like microbiology, immunology, biochemistry, molecular biology, genetic engineering, regenerative medicine, plant and animal cell tissue culture, genomics & proteomics, bioprocess technology & environmental science.

### JOB OPPORTUNITIES

- >> Process Engineer
- >> Bio process Engineer
- >> Bio statistician Engineer
- >> Clinical Technician
- >> Chemical Operator





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## ME - Construction Engineering & Management

### Course Description

The Post Graduate program in Construction Engineering & Management (CEM) is to provide an in-depth knowledge of Construction Engineering & Management such as Construction Organization and Contracts, Project Management and Control, Construction Methods, Cost Engineering and Computer Applications in construction management.

The course will provide Management and Technological Education, to shape the young engineers in recognizing, evaluating and solving constructional problems.

### JOB OPPORTUNITIES

- >> Chief Engineer
- >> Planning Engineer
- >> Construction Safety Officer
- >> Project Manager
- >> Quality Control Engineer





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## ME - Structural Engineering

### Course Description

The Post Graduate program in Structural Engineering is to provide an in-depth knowledge of Analysis and Design of Structures, Design of Multi Storied Buildings, Industrial Structures, Bridges and Prefabricated Structures.

The course will provide Strong foundation and detailed technical knowledge in design and construction of structures.

### JOB OPPORTUNITIES

- >> Drug Analyst
- >> Clinical Analyst
- >> Biotechnology Analyst
- >> Drug Inspector
- >> Pharmacology Expert





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## ME - Industrial Safety Engineering

### Course Description

The Industrial Safety Engineering course equips students with the knowledge, skills, and competencies needed to promote workplace safety and prevent accidents in industrial environments. By emphasizing a multidisciplinary approach that integrates engineering principles, regulatory compliance, risk management strategies, and human factors considerations, the course prepares students for careers as industrial safety professionals in various industries.

### JOB OPPORTUNITIES

- >> Chief Engineer
- >> Planning Engineer
- >> Construction Safety Officer
- >> Project Manager
- >> Quality Control Engineer



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## MBA Master of Business Administration



### Course Description

It is 2 Years Full-time MBA (Master of Business Administration) with Dual Functional Specialization. Seminars, Workshops, Conferences and Management games are conducted to improve curricular and co-curricular knowledge and skill. Regular Industrial visits are arranged for students to get practical exposure. Exclusive placement training activities are provided to meet the industry requirement. The department provides the right ambience for the students to develop their personal and professional skills.

### JOB OPPORTUNITIES

- >> Banking & Financial Sector
- >> Business Analysts & IT Sector
- >> Tourism and Education Sector
- >> Logistics & Hospital Sector
- >> FMCG & Retail Sector

## Activities @ Campus



**IEEE National Conference**



**Annual & Sports Day - 2024**



**Graduation Day - 2024**



**Library**



**Boys Hostel**



**Ladies Hostel**



**Transport**

## ACADEMIC REPUTATION

91

Anna University Nov/Dec 2013 Exams  
Secured 91<sup>th</sup> place out of 506 colleges

64

Anna University Apr/May 2015 Exams  
Secured 64<sup>th</sup> place out of 522 colleges

83

Anna University Apr/May 2020 Exams  
Secured 83<sup>rd</sup> place out of 441 colleges

52

52 Anna University Rank holders

★

Staffordshire University, UK, Teaching  
Awards in Engineering to Department  
of Mechanical, Civil, CSE, ECE & IT

★

College of the year 2021 & Most Promising  
& Emerging Engineering & Technology  
Awarded by Educational Excellence, Awards  
& Conference, Bengaluru.

★

Outstanding Performance in Virtual  
Knowledge Delivery During Pandemic  
2021 Awarded by Beginup Research  
Intelligence Private Limited



## Why Should Choose SVHEC?

Trust Established in 2007  
14 Years of Engineering Service  
ISO 9001:2015  
NAAC 'A' Grade  
NBA 4 Courses  
Autonomous  
MOU-IITM (CFI)  
NIT (K) - Virtual Lab  
Incubation Cell  
Hardware Lab  
Internship  
Placement

## Our Prominent Recruiters



2023-24: Recruiters: 40+

Offers: 230+

Highest Package: 12 LPA

## Placement Day - 2024



<b>HIGHLIGHTS</b>	<p><b>ANNA UNIVERSITY EXAMS</b> District 2<sup>nd</sup> in Nov / Dec 2023</p>	<p><b>UNIVERSITY RANK HOLDERS</b> <b>53</b> sofar</p>	<p><b>PLACEMENT</b> <b>98%</b> Average Salary 3.5 LPA</p>	<p><b>CAMPUS CENTRES</b> • IAS Coaching centre • Japanees Language • Hindi</p>
	<ul style="list-style-type: none"> <li>• <b>40 + Clubs</b></li> <li>• <b>37 + MOUs</b></li> </ul>	<p>Digital Library Modernized Labs Experienced faculties Virtual lab with NIT, Surathkal</p>	<ul style="list-style-type: none"> <li>• FDP &amp; Internship @IITM-CIF</li> <li>• Regular internship &amp; Industrial Visit</li> </ul>	<p><b>SKILLS TRAINING</b> Phython, Robotics, AI, IOT, Cyber Security, CAD, CAM Machine Learning &amp; 3D Printing</p>