STUDENT HANDBOOK 2025-2026

SESHADRIPURAM
EDUCATIONAL TRUST

SESHADRIPURAM INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka)
Plot No. 4,5,6A6B & 7A Kadakola Industrial Area, Kadakola, Jayapura Hobli, Mysuru-571 311, Karnataka, India

Shaping The Future Technologists

Seshadripuram Educational Trust
SINCE 1930
INSTITUTIONS

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SESHADRIPURAM EDUCATIONAL TRUST

Established in the year 1944, by two women visionaries, Smt. Anandamma and Smt. Seethamma, who started a primary school with about 20 children in two rooms, has paved the way for the institution to grow into Seshadripuram Educational Trust (SET). The Educational Trust was formed in 1980 to promote educational activities from Lower Primary School to Postgraduate programs. The Seshadripuram institutions have helped students from all strata of life to gain knowledge and skills to succeed in life. In the higher education front, the Trust has not only started STEM institutions but also established management, commerce and law institutions. As of now, Seshadripuram Educational Trust manages 34 educational institutions ranging from Kindergarten to Ph.D. programs. Under the umbrella of the Trust are 9 Schools, 8 Pre-University Colleges, 8 Degree Colleges, 3 Postgraduate Colleges, 1 Global Academy, 1 Law College and 2 Research Centres located across Bengaluru, Tumkuru, Mysuru and Kengeri. Seshadripuram Institute of Technology is a flagship institution under the Trust.

BELIEF

Seshadripuram Educational Trust believes that every individual needs affordable, relevant and quality education to fulfill personal aspirations.

CORE VALUES

- Academic excellence with Accountability & Transparency
- Diversity and Inclusion
- Follow Culture & Values to be Humane

VISION

To excel in all its activities to create an atmosphere of effective learning, generate a spirit of enquiry, induce healthy challenges and competitions, encourage sustainable accomplishments and ensure enriching rewards to everyone — students, teachers, trustees, associates and the society at large.

MISSION

To constantly strive towards meeting societal needs through inclusiveness and expand to newer cycles of programmes in its institutions by providing world-class infrastructure and resources for learning, research and application of knowledge.

The Seshadripuram Educational Trust (SET), established in 1930, is a leading educational institution in Karnataka. Since its inception, SET has been recognized for delivering value-based education at an affordable cost. It oversees thirty-four educational institutions, ranging from kindergarten to advanced research facilities. With a strong presence in diverse educational domains, SET is now venturing into technical education by launching the Seshadripuram Institute of Technology (SIT) in Mysuru.

Mysuru is widely recognized as a prominent educational hub in Karnataka, particularly known for its focus on technological learning. It offers an ideal environment, characterized by a favorable climate, affordable cost of living and excellent transportation infrastructure.

SIT is located in the Kadakola Industrial Area, developed by KIADB in Mysuru. This strategic location, near several prominent industrial organizations, provides a valuable opportunity to deliver high-quality technical education and significantly contribute to the country's skilled workforce. The industrial setting offers SIT a unique advantage by fostering synergy between industry and academia. This environment will equip students with a distinctive and extraordinary skill set, opening doors to better placement opportunities.

SIT features state-of-the-art infrastructure, including modern facilities and high-quality student housing, situated in a serene 10-acre lush green campus. The administrative block, a five-storeyed structure, houses offices and all academic departments. All classrooms are digitally enabled and each floor includes a seminar hall with a 200-seat capacity. The library is well-stocked with books and reference volumes and it includes both a reference section and a digital library with high-speed internet connectivity. The entire campus, including hostels, is Wi-Fi enabled.

SIT's well-qualified faculty adopt innovative teaching methodologies such as blended learning and experiential learning to enhance outcomes. Dedicated training sessions and skill development programs are integrated into the academic schedule, ensuring students become industry-ready by the third year of their degree program. As a result, graduates of SIT will possess the essential skills required in their field and will have a unique competitive edge.
An ideation laboratory has been established at SIT, where students from various disciplines can collaborate and implement innovative ideas. To enhance communication and interpersonal skills, a language laboratory has also been set up.

In a nutshell, SIT empowers all its student stakeholders with real-world skills, emphasizing holistic development. On behalf of the Seshadripuram Institute of Technology, I welcome you to the campus. Let us begin this journey together — one that I hope will be an enriching experience for each one of us.

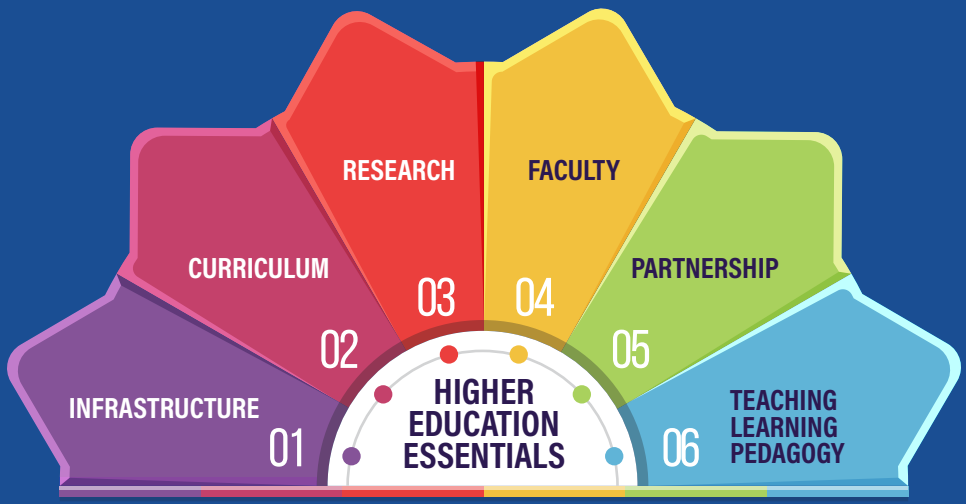
Dr. K Prahlad Rao
Ph.D. (IITM), Postdoc (Singapore & USA),
Principal

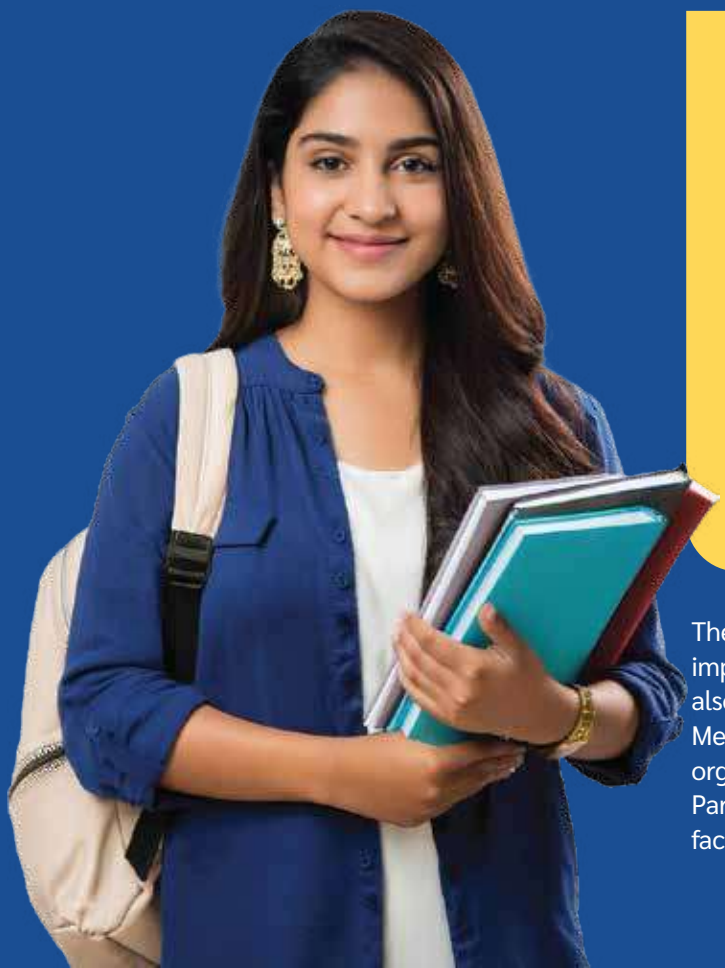
SESHADRIPURAM INSTITUTE OF TECHNOLOGY

Seshadripuram Institute of Technology, Mysuru (SIT) is the brainchild of Seshadripuram Educational Trust, Bengaluru started for imparting quality Technical Education in a second-tier city "Mysuru" in Karnataka. The Seshadripuram Educational Trust has every reason to feel proud as it has made a name for itself in the education field not only in the state of Karnataka but also in other southern states.

The institutions under the Trust have become the choice of the cream of students in the field of commerce, Business Administration, Management and Computer Applications. The SIT has a vision to mold engineers with modern technological tools, skills, thinking and providing holistic education.

For a higher education institute to flourish it needs to concentrate on the framework consisting of six important pillars as shown in the graphic and provide equal impetus to all of them.





SIT provides a good and impressive infrastructure to cater to learning ambience, hands-on training, research and self-learning. The teaching pedagogy prepares students for experiential learning to fit into any industry and cultivate in them an interest for lifelong learning as well as innovative thinking. The faculty are the backbone of any educational institution and SIT has handpicked faculty with experience in outcome-based pedagogy and are ready to change with upcoming technologies as and when required. The stake holders will be satisfied with the foundation provided by SIT. With blended learning to stay and demand of students to learn anywhere, anytime and anyway, the institution will encourage newer teaching learning processes and provide technology for the same.

The institution will encourage the students in thinking and implementing solutions by providing innovation laboratory and it also encourages faculty to get involved in research and development. Meaningful networking and partnership with industries, organizations as well as other institutions is being initiated. Partnership not only add value but also encourage students and faculty to learn the realities in terms of the nation's expectations.

VISION

Impart knowledge & Skills to roll out graduates capable of designing solutions for the local and global demands.

MISSION

Develop infrastructure and resources to support students in achieving engineering excellence. Provide an ambience that will inspire students to acquire requisite knowledge, skills, and leadership qualities.

Programmes Offered
Bachelor of Engineering (B.E.)

Artificial Intelligence and Machine Learning (AI & ML)	*Electronics and Communication Engineering (ECE)*
Computer Science and Engineering (CSE)	*Information Science and Engineering (ISE)*
Electrical and Electronics Engineering (EEE)	*Mechanical Engineering (ME)*

UNIQUE FEATURES

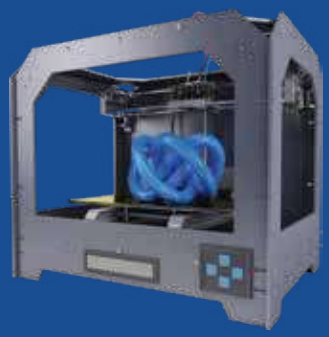
Makers Lab

A Makers Lab is essentially a place for students to design & construct what they imagine or see with physical prototypes. It is crucial for fostering innovation, hands-on learning and developing essential 21st-century skills. Makers Lab encourages individuals to think outside the box and come up with innovative solutions to real-world problems. It provides a platform for exploration, experimentation, and prototyping, allowing individuals to bring their ideas to life. Makers lab helps individuals to develop the skills and mindset needed to thrive in a rapidly changing world. This lab is open for students beyond working hours.

Makers Lab Activities:

3D Printing & CNC Machine

Maker Lab offers FDM (Fused Deposition Modeling) 3D printers and CNC machine, enabling users to create a wide range of objects. 3D printing and CNC machine are valuable tools for prototyping, developing unique objects, and creating replacement parts.



IoT

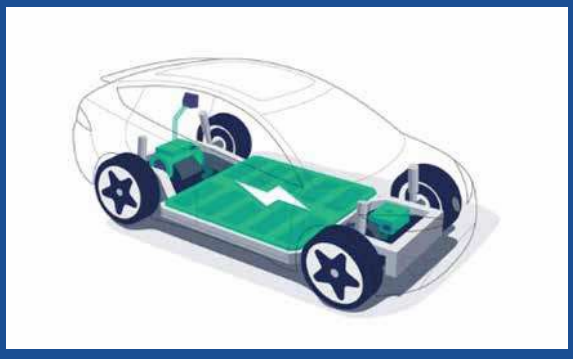
IoT in a Makers Lab involves integrating connected devices and sensors to create smart things and explore the possibilities of the connected world. Makerspace provides a hands-on environment for learning about and experimenting with IoT technologies, offering a platform for students to build, prototype, and develop IoT applications.

Electrical and Electronics Circuits

Makers Lab often include dedicated areas for electrical and electronics work, offering resources for wiring, soldering, testing, and troubleshooting projects. This space provides access to tools like soldering stations, multimeters, digital oscilloscopes, programmable power supply, and more, as well as components like microcontrollers, sensors, and motors.

Renewable Energy Lab

Makers Lab can be excellent hub to explore and create renewable energy projects. Makers can build small-scale energy systems and can be experimented to understand the principles of energy storage, conversion, and distribution.



Electric Vehicle Design and Fabrication Lab

EV Lab involves hands-on experience on electric vehicle technology, allowing students to understand the principles of electric propulsion and to create small-scale EV prototype. EV lab is crucial because it bridges the gap between theoretical knowledge and practical application, preparing students for the EV industry's growing demand. This lab opens a door to sustainable career with the rapid expansion of the EV industry and new job roles. Students collaborate creatively in teams (2-4 students) to design, build, test, and iterate a model electric vehicle, which runs on a battery-powered.

UAV (Unmanned Aerial Vehicle) Lab

A UAV (Unmanned Aerial Vehicle) lab, also known as a drone lab, is a collaborative workspace where students can design, build, test, and explore Unmanned Aerial Vehicles (UAVs) using a variety of tools, including 3D printing. It encompasses various activities, including fabrication, and testing for different domains. A UAV lab in a college is crucial for preparing students for the future by providing hands-on experience in drone technology, fostering STEM skills, and opening doors to various career paths. Lab also involves developing and testing software for UAV control, navigation, and mission planning. In a world increasingly reliant on technology, UAV lab helps students to develop the skills and knowledge needed to thrive in the future job market.

AI and Automation Lab

An AI and automation lab is a super hub that gives project-based learning, where students can develop AI and automation models, and address real-world problems for various fields. These labs typically involve a combination of hardware and software, allowing students to build, program, and test AI-driven systems and automated processes. This lab acts as a centre of innovation where students investigate how AI and ML might be used to address challenges in a variety of engineering specialties. With this lab, students can gain hands-on experience, deepen their skills and prepare to become the next generation of AI professionals.

Mobile App Development Lab

It provides a dedicated space and resources for students to design, build, test, and deploy mobile applications, fostering innovation, collaboration, and efficient development processes. The lab also facilitates hands-on learning and allows for the creation of high-quality, user-friendly apps that meet specific business needs.

MEDICAL CENTRE FACILITY

The Medical Centre at Seshadripuram Institute of Technology provides basic medical care and first aid to students and staff in case of illness or minor injuries. It is equipped with essential medical supplies and is managed by trained healthcare personnel. The facility ensures prompt attention and support, promoting a safe and healthy campus environment.

Seshadripuram Institute of Technology has a tie-up with Kamakshi Hospital, Mysuru, to ensure the health and well-being of hostel students, day scholars, and staff. Additionally, doctors from Kamakshi Hospital visit the campus every 15 days for regular health check-ups and medical support.

When students are going through emotional difficulties, like stress, anxiety, depression, pressure from studies, personal issues or even behavioral problems, counseling helps them manage and overcome those challenges. Trained counselors or psychologists from Kamakshi Hospital talk to the students and guide them. This support is given only when needed to help students stay healthy and do well in their studies.

Training & Placement

Seshadripuram Institute of Technology has an excellent and fully functional Training and Placement Cell. The goal of the Training and Placement Cell is to provide employment opportunities and market-ready training to students. It has adequate infrastructure for group discussions and interviews. As a part of training activity, focused training for aptitude, technical and soft skills is imparted to the students.

SIT has devised a comprehensive programme for training the students so that they become industry-ready by the time they come to the 3rd year of the programme. Regular training modules focussing on communication skills, domain-specific skills etc., are imparted every semester. Eminent professionals from the industry will be invited to provide industry-specific training which will enhance placement opportunities.

TRAINING MODULE

Communication skills are vital for engineering students to articulate complex ideas and collaborate effectively in teams. This training module will equip them with the tools to enhance technical communication, both verbally and in writing.

Interpersonal skills are crucial for engineering students to build strong professional relationships and work collaboratively in diverse teams. This training module focuses on developing skills such as empathy, conflict resolution and effective teamwork.

Domain-specific skills are essential for engineering students to apply theoretical knowledge to real-world challenges within their fields. This training module will focus on enhancing technical expertise and practical problem-solving abilities relevant to their chosen engineering disciplines.

Industry-driven skills are critical for engineering students to meet the demands of today's job market. This training module will emphasize practical competencies and knowledge that align with current industry standards and trends.

LANGUAGE LABORATORY

In order to provide a level playing field to all the students the institution realises that the English language comprehension ability of students is particularly important. English Listening, communicating, writing and speaking proficiency are also important from a placement point of view. Facing interviews and fearlessly responding to questions enhances the probability of getting jobs. Keeping these points in mind a language laboratory with mentoring and opportunities for self-learning has been set up. The students are required to utilize this facility extensively beyond class hours.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (AI & ML)

The Artificial Intelligence and Machine Learning (AI & ML) Department is at the forefront of technological innovation, focusing on the development and application of intelligent systems. The department is dedicated to educating students in the principles of AI and ML, including deep learning, natural language processing, robotics and computer vision. By combining rigorous academic training with hands-on projects, the department prepares students to create transformative solutions in industries ranging from healthcare to finance. Faculty members, who are leaders in their fields, guide cutting-edge research that pushes the boundaries of what machines can achieve and hence, ensuring students are well-equipped to contribute to the future of AI & ML.

Salient Features of the Programme

The Undergraduate student of AI & ML Engineering will be able to:

- Develop knowledge and skill to design a smart computer system like humans to solve complex problems in all sectors.
- To provide theoretical and practical skills of data analytics, data sorting, cloud computing and apply the same to solutions involving Artificial Intelligence.
- Learn the ability of computer algorithms that can be applied to predict and make decisions based on outputs from cognitive technologies avoiding human interference.

Faculty

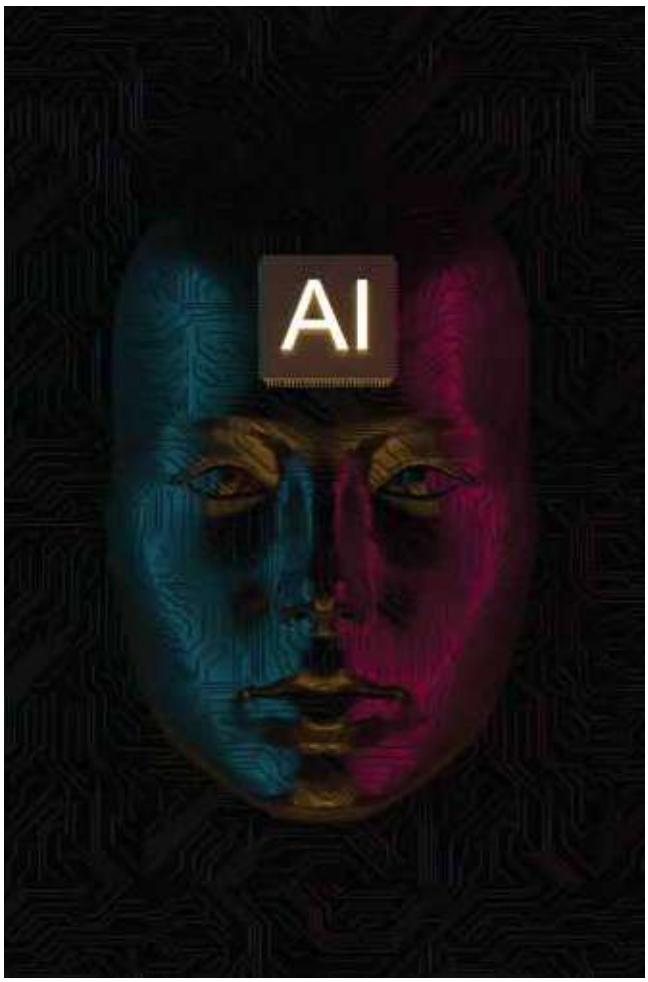
The department has faculty with more than decade of experience in teaching as well as industry. They adopt outcome-based education pedagogy and will enthuse students to think, analyse and apply the learning.

Facilities

The Department of AI & ML in association with Computer Science and Engineering is equipped with the state-of-the-art laboratories having high end machines beyond the AICTE norms. The department uses licensed and open-source software covering a wide spectrum of applications. The department has well-ventilated classrooms with multimedia projectors. The students are trained and given hands on experience in Data structures, Operating systems, Python programming, JAVA, Data Mining, Data Analysis, etc. The department will also conduct laboratory sessions by using online learning platforms.

Scope of Employment and Self-Reliance

- With the technology moving towards automation and Industry 4.0 AI & ML graduates with right skills are required in almost all the sectors.
- Freshers in AI & ML will be absorbed in Data analytics, Healthcare, Finance, manufacturing as data scientists, machine learning designers, AI developers and of course in AI research.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSE)

Salient Features of the Programme

The Undergraduate student of Computer Science and Engineering will be able to develop knowledge and skill to design and provide solutions using computers in various fields of Engineering, Science, Finance, Banking, Marketing and other sectors. Investigate and solve ethical, cultural and environmentally associated issues through Technology. Learn to adapt to rapidly changing technologies and learn to gain knowledge through online and offline certificates and degrees.

Currently the department caters to the needs of students of CSE, AI & ML and ISE as all these come under the same Cycle. Looking at these three programs these are integral part of modern technology be it any field, thus it requires a never ending cycle of innovative technologies rooted in it. The focus of the department is not only to impart theoretical knowledge but also provide hands-on training, exposure to present day developments and a platform for overall development of individual's personality.

Looking at the global perspective the department has identified the thrust areas for research and development: Computational Intelligence and Information Systems, Artificial Intelligence, Data Science, Cloud Computingand Internet of Things (IoT).

Faculty

The department has faculties with more than a decade experience in teaching as well as industry. They adopt outcome-based education pedagogy and will enthuse students to think, analyse and apply the learning.

Facilities

The Department of Computer Science and Engineering is equipped with the state-of-the-art laboratories having high end machines beyond the AICTE norms. The department uses licensed and open-source software covering a wide spectrum of applications. The department has well-ventilated classrooms with multimedia projectors. The students are trained and given hands on experience in Data structures, Operating systems, Python programming,

JAVA, Compiler design, Distributed Computing, Web Technologies, Data Mining etc. The department will also conduct laboratory sessions by using the online learning platforms.

Scope of Employment & Self-Reliance

Active Placement and Training cell has been established in the institute which will Conduct various training programs.

Sign MoU with industries and organizations to help students take up internships, industry visits, conduct technical lectures, socio-economic talks, civil services training etc.

The computer science students are in demand in almost all sectors ranging from public sector to large corporates; Electronic industry to Automotive industry; Banking to Insurance; Civil services to Defence.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

Salient Features of the Programme

The Undergraduate student of Electronics and Communication Engineering will be able to:

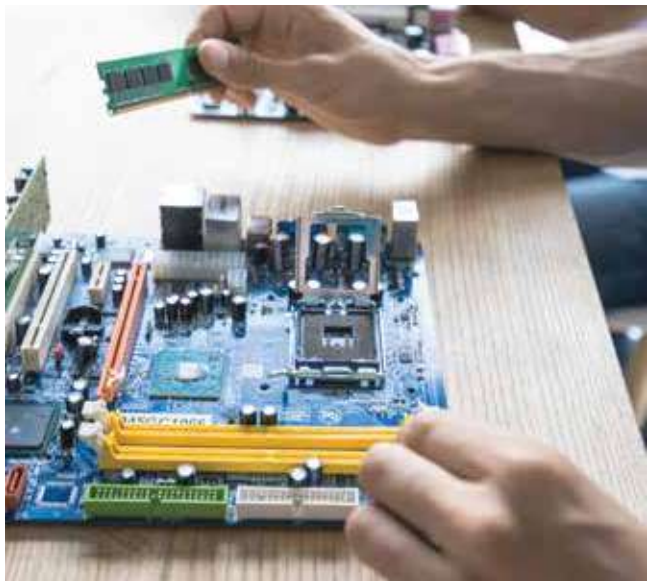
- Develop knowledge and skills to design, analyze, and implement electronic circuits and communication systems applicable to a wide range of industries.
- Gain theoretical and practical exposure in areas such as signal processing, embedded systems, VLSI design, Semiconductors, communication protocols, and wireless technologies.
- Acquire the capability to integrate hardware and software systems to build intelligent electronic devices, networks, and systems for modern applications in the digital world.

Facilities

The Department of Electronics and Communication Engineering, is equipped with advanced laboratories featuring industry-grade instruments and tools well above the AICTE norms. The department supports both licensed and open-source software for circuit design, simulation, and analysis. Classrooms are spacious, well-lit, and fitted with modern multimedia projectors to enhance the learning experience. Students receive hands-on training in Analog and Digital Electronics, Microprocessors, Embedded Systems, Communication Systems, IoT, and more. Online platforms are also integrated into the curriculum for virtual lab sessions and continuous learning.

Scope of Employment and Self-Reliance

In the age of smart devices and ubiquitous connectivity, Electronics and Communication Engineering graduates play a crucial role in shaping modern technology. With skills relevant to Industry 4.0 and beyond, ECE graduates find career opportunities in Telecommunications, Consumer Electronics, Embedded Systems, Aerospace, Defense, IoT, and Semiconductor industries. They are well-suited for roles such as System Designers, Embedded Developers, RF Engineers, Communication Analysts, and Research Scientists.



Faculty

The department has experienced faculty members with extensive backgrounds in academia, research, and industry. They follow an outcome-based education methodology and foster a problem-solving mindset among students. Through project-based learning, mentorship, and industry-relevant projects, students are encouraged to innovate and excel in their domain.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING (EEE)

Electrical & Electronics Engineering graduates influence every aspect of our modern life. They design and develop new innovations, technologies and find ways to improve existing systems in all spheres including factories, automobiles, home appliances, aerospace etc. & make them energy efficient. Look at the home utilities where old induction motor fans have been replaced by BLDC fans, big motors have been replaced by efficient micro motors and Micro Electromechanical systems (MEMS). This branch of study is an integrated branch of Electrical as well as electronics where students gain knowledge of Electrical circuit foundation, Digital Electronics, Microprocessors, coding, power systems, transmission lines, electrical machines, control systems, electronic system design as well as networking. EEE graduates are in great demand with handsome salary packets.

The focus of the department will be to impart theoretical knowledge accompanied by hands-on training, exposure to present day developments and use of modern tools to design. Looking forward at the global perspective, the department has identified the thrust areas for research and development: Microcontroller assisted remote control, Applying computational Intelligence to machines and robotics, Internet of Things.

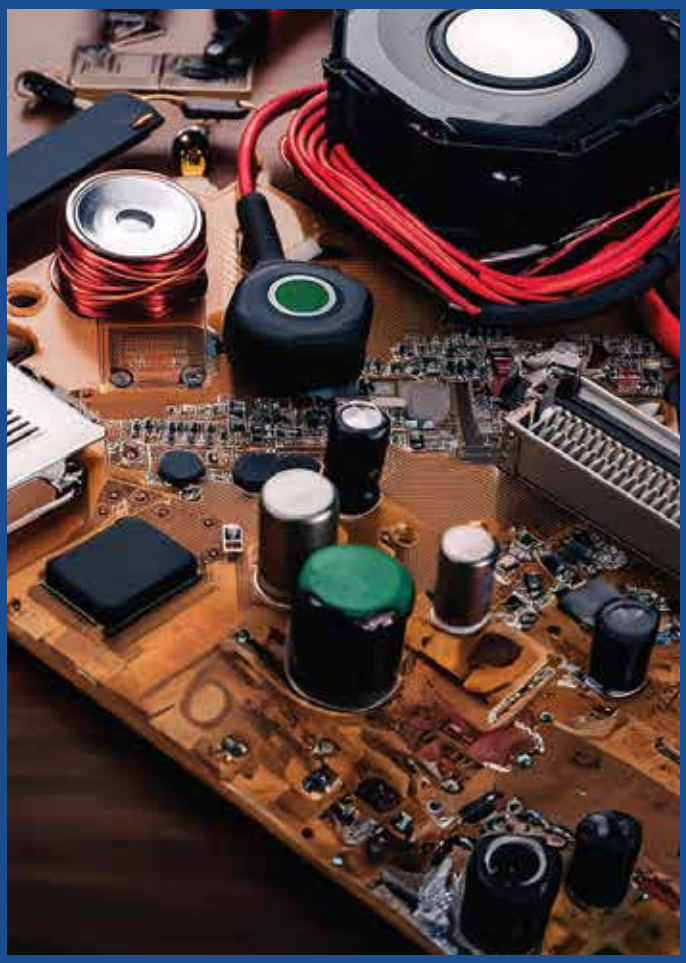
Salient Features of the Programme

The Undergraduate student of E&E Engineering will be able to:

- Develop fundamental knowledge and skill in core disciplines like electrical machines, control systems, signal processing, microprocessors, power generation, power electronics and communication.
- Impart design and analysing skill to develop improved electric systems with greater power efficiency and make them smart.
- Learn how to apply computer algorithms that can improve the performance of electrical systems and grids.

Facilities

The Department of EEE is equipped to cater to the needs of changing technologies. In association with other departments, it is equipped to adopt new pedagogical teaching with experienced and well-trained staff. It is developing state-of-the-art laboratories to provide an ambience that will create a zeal in students to spend more time in laboratories. The department has well-ventilated classrooms with multimedia projectors. The students are trained in various aspects of semiconductors, analogue electronics, power systems, digital electronics, electrical AC/DC machines, computer aided design and control systems in various laboratories.



Faculty

The department has faculty with more than decade of experience in teaching as well as industry. The faculty are committed to train the students through modern tools and using pedagogy that will enthuse students to think, analyse and apply the learning.

Scope of Employment and self-reliance

EE graduates are in demand in both public sector and private sector. They are absorbed in automotive, aerospace, electrical & electronics industries like GE electrical, L&T, Godrej, Havells, ABB and so on. These graduates with right skills and learning aptitude are also required in IT industries and semiconductor industries. An innovative EE engineer can start his/her own startup.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING (ISE)

The Information Science and Engineering (ISE) Department is dedicated to advancing knowledge in the rapidly evolving field of information technology. The department focuses on equipping students with a strong foundation in computer science, data analytics, software engineering and cybersecurity. With a blend of theoretical learning and practical experience, the ISE department prepares students to tackle real-world challenges in areas such as artificial intelligence, machine learning and network security. Faculty members are engaged in cutting-edge research and provide mentorship to students, fostering innovation and excellence in the field.

Salient Features of the Programme

The Undergraduate student of IS Engineering will be able to:

- Develop knowledge and skills to design a smart computer system like humans to solve complex problems in all sectors.
- To provide theoretical and practical skills in data analytics, data sortingand cloud computing and apply the same to solutions involving Artificial Intelligence.
- Learn the ability of computer algorithms that can be applied to predict and make decisions based on outputs from cognitive technologies avoiding human interference.

Faculty

The department has faculty with more than decade of experience in teaching as well as industry. They adopt outcome- based education pedagogy and will enthuse students to think, analyze and apply the learning.

Facilities

The Department of ISE is equipped with state-of-the-art laboratories having high end machines as per AICTE / VTU norms. The department uses licensed and open-source software covering a wide spectrum of applications. The department has well-ventilated classrooms with multimedia projectors. The students are trained and given hands-on experience in Data structures, Operating systems, Python programming, JAVA, Data Mining, Data Analysis, MATLAB, etc. The department will also conduct laboratory sessions by using online learning platforms.

Scope of Employment and self-reliance

- Information science engineering graduates find placement in industries and organizations that require handling and designing real-time systems, database management, etc.
- Numerous opportunities that ISE graduates can look forward to - Product design interns, Data Analysts and Scientists, Business analysts, Marketing operations executivesand program developers.

DEPARTMENT OF MECHANICAL ENGINEERING (ME)

Around the world, mechanical engineers are still in great demand and the growth is expected to be at 7% by 2030. The five mighty production engineering countries Malaysia, India, Thailand, Indonesia and Vietnam are predicted to be among top 15 nations for manufacturing. As automation and Robotics is taking over the world the demand for innovative and skilled mechanical engineers will continue to grow.

Looking forward at the global perspective, the department of ME has identified the thrust areas for research and development: Mechatronics, Composite materials, Robotics, Additive manufacturing and Micro Electromechanical Systems.

Salient Features of the Programme

The Undergraduate student of Mechanical Engineering will be able to:

- Use knowledge of science and engineering in the design, analysis, evaluation of manufacturing and production of devices and systems.
- Attain expertise to design more efficient machines, develop sustainable materials and optimize production cycle.
- Develop critical thinking, creativity, team spirit and integrity for proper decision-based outcomes.

Faculty

The department has faculty with more than two decades of experience in teaching as well as industry. They adopt outcome-based education pedagogy and will enthuse students to think, analyse and apply the learning.

Facilities

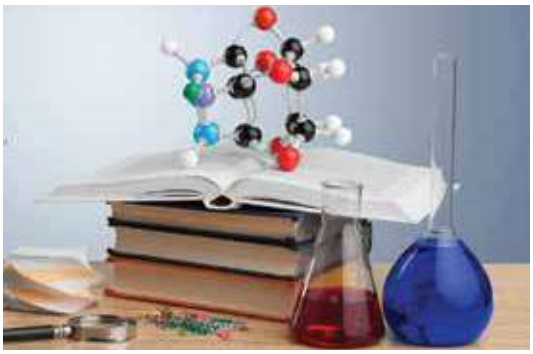
The Department of Mechanical Engineering has well equipped state-of-the-art laboratories and workshops. The department uses licensed and open-source computer aided engineering design (CAED) software covering a wide spectrum of applications. The department has well-ventilated classrooms with multimedia projectors. The students will be trained and given hands on practice on various machines and design as well as analytical software. The department will provide innovation workshop for students to work beyond class hours.

Scope of Employment and Self-Reliance

Mechanical Engineers are absorbed in all government, public and private sector industries/ organizations. Public sector organizations like HAL, BEL, NAL, BHEL, BEML, KPTCL, NTPC, Transport etc. absorb graduate engineers. Industries like Automobile, Aerospace, Tyre industry, Manufacturing, Automation, Heavy industries, Infrastructure and many more.

An innovative mechanical engineer can start his/her own startups. An enterprising Mechanical Engineer can set up an ancillary unit or even design and fabricate machines.

DEPARTMENT OF BASIC SCIENCE & HUMANITIES



The Department of Basic Science & Humanities plays a pivotal role and is responsible for strengthening the fundamental knowledge of the engineering with strong understanding of physics, chemistry and mathematics to familiarize students with corporate, social and ethical practices, making them meaningful contributors of knowledge to lead a responsible life in society. Further communication and interpersonal skills are integrated into the curriculum by way of regular training modules. The Department of Basic Science activity engages in research initiatives in comprehensive and interdisciplinary approach in the field of research.

Faculty

The department has faculty with more than two decades of experience in teaching, research as well as industry. They adopt outcome-based education pedagogy and will enthuse students to think, analyse and apply the learning.

Facilities

Basic Science Department facilitates state-of-art fully equipped laboratories as per AICTE / VTU norms. R&D initiative are been established in conjunction with Engineering disciplines.

Physics Laboratory

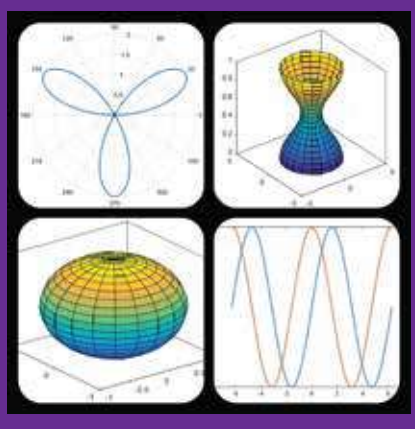
The Applied Physics laboratory for engineering students is designed to integrate theoretical knowledge with practical experimentation. It offers a hands-on learning experience that helps students understand key principles of physics through real-world applications. By conducting experiments, analysing dataand interpreting results, students not only solidify their grasp of fundamental concepts. This exposure to practical applications of physical laws lays a strong foundation for more advanced studies in engineering disciplines, making the lab an essential part of their academic and professional development.

Chemistry Laboratory

The chemistry laboratory is equipped with all the amenities that play a crucial role in providing students with hands-on experience in applying chemical principles to real-world scenarios. These labs are designed to enhance students' understanding of chemical processes and their practical applications in engineering fields. By conducting experiments and analysing data in these labs, students are able to develop important skills that are essential for their future careers in engineering.

Mathematics Laboratory

MATLAB is a powerful software tool designed to solve complex engineering problems with high efficiency and accuracy. It enables engineering students to bridge theoretical mathematics with practical applications through visualization of solutions. With MATLAB, students can simulate and analyze systems, design algorithms and develop mathematical models, all of which are essential in various engineering fields. This laboratory equips students with a deep understanding of mathematical applications, providing invaluable skills that are critical for advanced courses and real-world engineering challenges across multiple domains.



CENTRAL LIBRARY

The SIT Central Library is a well-equipped academic resource center offering print journals, magazines and leading newspapers. It has digital library facility. It features dedicated sections such as New Arrivals, gifted classic books, Faculty Publications, Acquisition, Periodicals and a General Reading Room. Students benefit from the Laptop Lobby for digital work, an Active Stack Area for browsingand a Circulation Counter for borrowing services. The library fosters academic growth, research and recreational reading. A Media Center is also in development, aimed at enhancing multimedia learning and content creation. With a blend of traditional and modern resources, the library supports a dynamic and enriching learning environment for all.

Digital Library

The central library has a digital learning section with appropriate computers and internet facility to browse educational portals that are subscribed by the institution. E-Learning is an important component of learning in modern education system. Internet and online content provide blended teaching-learning opportunity. AICTE recommends support of Swayam / NPTEL and other MOOC contents as the best way of self-learning. The institution has also subscribed to VTU e-learning portal. Central Library facilitates students to refer to online contents (Lectures, Videos, certain You-tube contents and e-books/ articles) through systems installed in digital library.

Library Rules

- The library will issue two books for fifteen days for every student, subject to the availability of those books on the rack. A student needs to return the book(s) on the day he/she is required to return.
- If there is no waiting list for the book an extension of one week will only be provided.
- If the book is defaced or any page is missing the student is liable to replace it with a new book or pay the market value of the book.
- Reference section will be open till 8.00 PM. A student can borrow a reference book for overnight usage and return the book before 11.00 AM the next day.
- All books will be issued only if the student shows the college ID card.
- Reference books will be issued against college ID cards.

CO-CURRICULAR AND ALLIED ACTIVITIES

Department of Physical Education

Physical Education and sports activities play an important role for the overall development of the students. SIT is constantly encouraging the students in extracurricular activities to nourish and develop innate talents. The department is well equipped with sports facilities. Students will be trained in sports and games of their interest which will lead to remarkable achievement at inter-university, VTU Inter Zone and other competitions. The main focus of the department is to make the students to compete at State and National level.

National Service Scheme (NSS) Unit

NSS is an initiative taken by the Indian Government in 1969 with the primary objective of developing the personality and character of the youth through voluntary community service. 'Education through Service' is the motto of NSS. The main objectives of the NSS are to promote national integration, social justiceand communal harmony among students. SIT has an NSS unit which will provide hands on experience to students in community service enhancing their team building skills.

National Cadet Corps (NCC)

NCC, a voluntary organization that aims to groom students into disciplined and patriotic citizens. Through this program, students receive basic military training in small arms and drilland adventure training. By participating in this program, students can enhance their skills and valuesand become able leaders and useful citizens, without any liability for active military service after completing the course.

Cultural Clubs

The students' literary skills can improve their performance in examinations hence the college will encourage the students to start literary clubs that involves creative writing and speaking, effective use of Chatbots, dramatics, music, debating etc.

CAMPUS AMENITIES

Cafeteria

The institute has a canteen facility for both students and staff, where hygienic food and refreshments are made available. It features a spacious, well-lit and ventilated dining area and a fully functional kitchen. The menu includes a variety of options, from South and North Indian meals to Chinese dishes, rice varieties and fresh juices.

To meet the basic needs of the students, a stationery store is located conveniently near the canteen. The store offers a full range of supplies essential for daily academic activities, including notebooks, pens, pencils, A4 sheets etc. The store also has photocopying services.

Fitness Centre

The institute is establishing a well-equipped gym that provides round-the-clock access to students. The gym is well-maintained and features a multi-gym setup with modern exercise equipment. As an institution that prioritizes health and fitness, the college places a strong emphasis on offering top-notch fitness facilities. All the stake holders are encouraged to make use of this facility.

CURRICULUM

SIT being affiliated to Visvesvaraya Technological University, Belagavi and follows prescribed VTU syllabus. As of now AI & ML, CSE, ISE comes under computer science stream. EEE comes under Electrical & Electronics stream and ME comes under Mechanical stream. The first-year syllabus is distributed Cycle wise. The total number of credits to be earned for B.E. is 160 at the end of four years. The progress in every semester is measured by Semester Grade Point Average (SGPA) and at the end of the program the student needs to earn Cumulative Grade Point Average (CGPA) of 160 credits. It is essential that a student should achieve minimum of 8 SGPA to get a good degree. The evaluation is done through Formative assessment comprising of Tests, Assignments, Quizzes, Course specific Projects, Field work, Seminars, Internships etc., this is termed as Continuous Internal Assessment (CIE). At the end of the semester Summative Assessment called Semester End Examination (SEE) is conducted by the University.

Outcome Based Education

The Visvesvaraya Technology University expects every institution to adopt outcome-based education and the syllabus is accordingly formulated. Outcome based education assesses knowledge, skill and behavior a graduate is expected to attain upon completion of a degree program. It just does not value the final marks/ grades of a student, but it evaluates the learning ability of a student throughout the semesters. Every engineering graduate must attain certain attributes that is expected of him when he/she gets into professional career. Hence, it is the responsibility of the institutions, faculty and students themselves to attain these attributes and show the program outcomes (POs) at the workplace. On successful completion of the B.E. degree, engineering graduates will be able to acquire the following knowledge and skills:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentalsand an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literatureand analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciencesand engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safetyand the cultural, societaland environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of dataand synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, selectand apply appropriate techniques, resourcesand modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contextsand demonstrate the knowledge ofand need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and teamwork: Function effectively as an individualand as a member or leader in diverse teamsand in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentationsand give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need forand have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

In addition, every program has its own program specific outcomes (PSO) and every course in the program has course outcome indicating how that course is essential.

ACADEMIC REGULATIONS

Academic Regulations are as specified by Visvesvaraya Technological university. These regulations will apply to all B.E. students, unless there is notification from the university of any changes:

Academic Bank of Credits (ABC):
The ABC, is a National-level facility that will promote the flexibility of the curriculum framework and interdisciplinary /multidisciplinary academic mobility of students across the Higher Educational Institutions in the country with an appropriate "credit transfer" mechanism.

Academic Year: Two consecutive semesters will be conducted (odd followed by an even), including intervening periods constitute one Academic Year.

Choice-Based Credit System (CBCS): The CBCS provides students with choices from the prescribed set of courses viz. Engineering Sciences, Professional coreand electives, Professional and Open Electives, Non-Credit Mandatory Courses, Internships and Skill Courses. Under the CBCS, the requirement for awarding a degree or certificate is prescribed in terms of number of credits to be earned by the students.
Choice-Based Credit System (CBCS) education model refers to customizing the Coursework, Core, Professional Elective, Open Electives, Skill-based ability Enhancement Courses, Non-Credit Mandatory Coursesand Internships to provide the necessary support for the students to achieve their goals.

Credit: A unit or weightage by which the Coursework is measured. It represents the number of hours of instructions prescribed per week. One credit is equivalent to one hour of lecture or two hours of laboratory/practical Courses/ tutorials/ fieldwork etc., per week is one credit.

First Attempt: A student who has studied in a semester and attended any one of the University examinations of that semester after satisfying attendance and CIE requirements of all the prescribed courses of that semester and has registered for SEE. Such an attempt shall be considered the first attempt. Even if the student is absent for all the semester exams after registering for SEE, such an attempt shall also be considered the first attempt.

Passing Standards: Refers to passing a course only when GP is greater than or equal to 04.
Course: As per new terminology every 'subject'/ 'paper' is termed as course and is a component of a Programme (Bachelor of Engineering in this case) with defined learning objectives, course outcomes and number of credits. The course credits vary depending on the required teaching-learning hours to accomplish the learning outcomes, specified in the course syllabus.

Letter Grade: Course Letter Grade (or simply letter grade or grade) is an index of performance of a student in a said course and refers to a qualitative measure of achievement of a student in each course, based on the percentage range of marks secured in CIE and SEE put together or CIE alone in courses that do not have SEE. Grades are denoted by letters 0, A+, A, B+, B, C, P and F. The rubrics attached to letter grades are as follows:

Letter Grade	Explanation	Letter Grade	Explanation
0	Outstanding	F	Fail
A+	Excellent	DX	Attendance below 75%
A	Very Good	AU	Satisfactory in an Audit course
B+	Good	AB	Absent
B	Above Average	PP	Passed in Non-credit course
C	Average	NP	Not Passed in Non-credit course
P	Pass	W	Dropped/ withdrawn

Credit Representation: Refers to the Credit Values for different academic activities considered, as per Table 1. Credits for the project phases, project viva voce and internship shall be as specified in the Scheme of Teaching and Examinations.

Theory Lectures (L)	Tutorial (T)	Practical (P)	Credits Distribution	Total Credits in the semester
Duration; Hours/Week			(L:T:P)	
4	0	0	4:0:0	4
3	0	2	3:0:1	4
2	2	2	2:1:1	4
3	0	0	3:0:0	3
2	2	0	2:1:0	3
0	0	6	0:0:3	3
1	0	0	1:0:0	1
0	0	2	0:0:1	1

Type of Courses: In BE, the following types of the courses are required to be audited:

- Humanities and Social Sciences (HS), including Management, Skill enhancement and Economics.
- Basic Sciences (BS) including Mathematics, Physics, Biology and Chemistry, Engineering Sciences (ES) including Workshop, Drawing, Basics of Electrical/ Civil/ Mechanical/ Computer Engineering, Materialsand Instrumentation.
- Engineering Sciences (ES) including Workshop, Drawing, Basics of Electrical/ Civil/ Mechanical/ Computer Engineering, Materials and Instrumentation.
- Professional Core Courses (PC): These are the courses to be compulsorily studied by a student as a core requirement to complete the requirements of a programme in a said discipline of study.
- Internship: The internship is an extended period of work experience undertaken by the students aspiring to supplement their degree with professional development. The students are allowed to prepare themselves for the workplace and develop practical skills. The Internship shall be completed during the period specified in the Scheme of Teaching and Evaluation.
- Professional Elective Courses (PE): These are the courses from which a student can choose and study as part of the requirement to complete the programme in a said discipline of study.
- Skill development Courses (SD): These courses will be nurturing student proficiency skills. These courses are offered to achieve the programme outcomes not specifically covered by the other courses
- Ability Enhancement Courses (AE): These are the generic skill courses which are basic and needed to all to ensure progression across all careers
- Non-Credit Mandatory Courses (NM): These are courses on peripheral subjects in a programme, wherein familiarity is considered mandatory
- Project work (PW), Mini Project work (MP)and Internship (IS) are also considered as courses in the programme.
- Audit Courses:

Total Credits Required

- The total number of credits to be earned for the award of B.E. degree by students admitted to the first semester of the four-year B.E. programme shall be 160.
- The total number of credits to be earned for the award of B.E. degree by students admitted under lateral entry scheme to the third semester of the four-year B.E. programme shall be 120.
- A student shall be awarded B.E. degree with Honours or Minor, if he/she earns a minimum of additional 18 credits, satisfying the conditions specified in VTU (Award of B.E. Honors/ Minors Degree) Regulations, 2022

Curriculum Framework

The structure of UG programme in Engineering shall have essentially the following types of courses with the breakup of credits as shown against them:

Sl. No.	Courses	Credits*	% of total Credits
1	Humanities and Social Sciences including Management, courses, including AE	16	10.00
2	Basic Science courses	22	13.75
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer/ PL/ET etc	24	15.00
4	Professional Core courses relevant to chosen, specialization/branch	59	36.88
5	Professional Elective courses relevant to chosen, specialization/branch	12	7.50
6	Open subjects - Electives from other technical and /or emerging subjects	12	7.50
7	Project work and internship in industry or elsewhere	15	9.37
8	Mandatory Courses [Environmental Sciences, Induction Program, Indian Constitution, Essence of Indian Knowledge Tradition]	(non-credit)	
	TOTAL	160	100.00

Scheme of Teaching and Evaluation

The Scheme of Teaching and Evaluation shall be framed by distributing the total credits over eight semesters as follows:

	Credits		
Year	Semester odd	Semester even	Total
First	20	20	40
Second	20	20	40
Third	20	20	40
Fourth	20	20	40
Total			160

Scheme of Teaching and Examinations-2025

Outcome-Based Education (OBE) and Choice-Based Credit System (CBCS)
(Effective from the academic year 2025-26)

I Semester **(Chemistry Group)**

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours / Week				Duration in hours	CIE Marks	SEE Marks	Total Marks	Credits
					Theory Lecture	Tutorial	Practical / Drawing	SDA					
					L	T	P	S					
1	ASC	1BMATx101	Applied Mathematics-I (Stream Specific)	Maths Dept	3	2	0		03	50	50	100	04
2	ASC(IC)	1BCHEx102	Applied Chemistry (Stream Specific)	CHE Dept	3	0	2		03	50	50	100	04
3	ETC	1BAIA103/ BETC105x	Introduction to AI and Applications	Any Dept	3	0	0		03	50	50	100	03
4	ESC	1BESC104x	Engineering Science Course I	Respective Engg Dept	3	0	0		03	50	50	100	03
5	PLC(IC)	1BPLC105x	Programming Language Course	CSE & allied Dept	3	0	2		03	50	50	100	04
6	AEC	1BENGL106	Communication Skills	Humanities Dept	1	0	0		02	50	50	100	01
7	AEC (NCMC)	1BICO107	Indian Constitution & Engineering Ethics	Humanities Dept	1	0	0		--	100	--	100	PP
8	AEC/SDC	1BIDTL158	Innovation and Design Thinking Lab (Project-based learning)	Any Dept	0	0	2		02	50	50	100	01
	TOTAL				**17**	**02**	**07**		20	450	350	800	20
9	AICTE Activity Points (students have to earn 100 activity points between 01 to 08 semesters)				Compulsory requirement for the award of a degree								

ASC-Applied Science Course, ESC- Engineering Science Courses, IC – Integrated Course (Practical Course Integrated with Theory Course), PLC(IC)- Programming Language Course (Integrated Course), AEC- Ability Enhancement Course, NCMC: Non Credit Mandatory Course, AEC/SDC- Ability Enhancement Course/Skill Development course, TD/PSB- Teaching Department / Paper Setting Board, S- (SAAE)-Students' Academic Activity Engagement Hours, CIE –Continuous Internal Evaluation, SEE- Semester End Examination, PP : (Pass/Pass) is assigned to a noncredit course. "PP" represents pass in a course provided students have successfully completed the CIE requirements. Otherwise, "NP-not pass shall be awarded. "PP" is essential for the award of the degree

Credit Definition:
1-hour Lecture (L) per week=1Credit
2-hoursTutorial(T) per week=1Credit
2-hours Practical / Drawing (P) per week=1Credit

04-Credit courses are designed for 50 hours of Teaching-Learning sessions
04-Credit (IC) courses are designed for 40 hours' theory and 10-12 hours of practical sessions
03-Credit courses are designed for 40 hours of Teaching-Learning Session
02- Credit courses are designed for 25 hours of Teaching-Learning Session
01-Credit courses are designed for 12 hours of Teaching-Learning sessions

Applied Mathematics-I

Code	Title	L	T	P
1BMATC101	Differential Calculus and Linear Algebra: CV Stream	3	2	0
1BMATM101	Differential Calculus and Linear Algebra: ME Stream	3	2	0
1BMATE101	Differential Calculus and Linear Algebra; EEE stream	3	2	0
1BMATS101	Calculus And Linear Algebra: CSE stream	3	2	0

Applied Chemistry

Code	Title	L	T	P
1BCHEC102	Applied Chemistry for Sustainable Structure Material Design (CV)	3	0	2
1BCHEM102	Applied Chemistry for Advanced Metal Protection and Sustainable Energy Systems (ME)	3	0	2
1BCHEE102	Applied Chemistry for Emerging Electronics Futuristic Devices (EEE, ECE)	3	0	2
1BCHES102	Applied Chemistry for Smart Systems (CSE)	3	0	2

Engineering Science Courses-I (ESC-I)

Code	Title	L	T	P
1BESC104A	Building Sciences & Mechanics	3	0	0
1BESC104B	Introduction to Electrical Engineering	3	0	0
1BESC104C	Introduction to Electronics and Communication Engineering	3	0	0
1BESC104D	Introduction to Mechanical Engineering	3	0	0
1BESC104E	Essentials of Information Technology	3	0	0

Programming Language Courses (PLC)

Code	Title	L	T	P
1BPLC105E	Introduction to C Programming (For none IT programmes)	3	0	0
1BPLC105B	Python Programming (for CSE and allied programmes)	3	0	0

Integrated courses (IC), combining theory with practical components.
(i) Theory sessions shall be conducted for 3 hours per week, while the practical sessions shall be conducted for 2 hours per week.
(ii)Theory components shall be evaluated through both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE).
(iii)The practical component shall be assessed only through CIE.

The Mathematics/Chemistry courses shall be taught by a single faculty member per session, with no sharing of the course (subject) modules. The tutorial sessions for the mathematics course shall be conducted in the laboratory environment using Maxima/Mathematica/ Python/Scilab/MATLAB software to enhance computational understanding and application skills.

All students admitted to the engineering program have to complete **Applied Mathematics-I and Applied Mathematics-II** in I and II semesters by selecting the subjects prescribed for their stream, viz. CV, ME, EEE or CSE, under the heading Mathematics-I and Mathematics-II. Those who have completed the chemistry course under the heading Applied Chemistry in I semester have to select the prescribed stream wise physics course under the heading Applied physics during II semester.

Engineering Sciences Courses-I (ESC-I): These courses are designed to broaden the technical knowledge of students beyond their core area of study. These courses enable students to gain a foundational understanding of engineering principles from other stream courses. Students are required to select and complete two courses that are not belong to their admitted program stream. For example, a student admitted to the any programme of the Civil Engineering stream should not select Introduction to Building Sciences but any other two. One course shall selected under ESC-I and another course under ESC-II. The two courses must be different from the other.

Communication Skills: This course shall be conducted in a laboratory environment

The Student Induction Programme (SIP), initiated by the All India Council for Technical Education (AICTE), is designed to help newly admitted students in technical institutions transition smoothly into the higher education environment. It aims to familiarize students with the institutional culture, foster connections with peers and faculty, and provide a foundation for holistic learning. Activities under SIP may include Physical Activities, Creative Arts, Universal Human Values, Literary Events, and Proficiency Modules. Lectures shall be by Eminent Personalities, Local Area Visits, Department/Branch Familiarization, and Innovation-related sessions.

The first year of the Engineering programmes is composed of I semester, II semester and Summer Semester. SIP activities shall be scheduled in the afternoon sessions during the first week of class commencement of I and II semesters only.

The specific programmes to be conducted will be notified separately by the University via the academic calendar or through a separate notification.

AICTE Activity Points Requirement for BE/B.Tech. Programmes

As per AICTE guidelines (refer Chapter 6 – AICTE Activity Point Program, Model Internship Guidelines), in addition to academic requirements, students must earn a specified number of Activity Points to be eligible for the award of the degree. The points to be earned is:

1. Regular students admitted to a 4-year degree program must earn 100 Activity Points.

2. Lateral entry students (joining from the second year) must earn 75 Activity Points.

3. Students transferred from other universities directly into the fifth semester must earn 50 Activity Points from the date of entry into VTU.

These Activity Points are non-credit and will not be considered for the SGPA/CGPA or be used for vertical progression. However, earning Activity Points is mandatory for the award of the degree, and the points earned will be reflected on the eighth semester Grade Card.

If a student completes all the semesters (eight or six) at the end of the programme but fails to earn the required Activity Points, the eighth-semester Grade Card will be withheld until the requirement is fulfilled. Also, the degree will be awarded only after the Grade Card has been released.

The hours spent earning the activity points will not be counted for regular attendance requirements. Students can accumulate these points at any time during their program period, including weekends, holidays, and vacations, starting from the year of admission, provided they meet the minimum hours of engagement prescribed for each activity by AICTE.

Sl. No	Stream	UG Programmes under the stream with code
1	Civil Engineering Stream (CV)	(1) Civil engineering (CV), (2) Mining Engineering (MI)
2	Mechanical Engineering Stream (ME)	(1)Aeronautical Engineering (AE), (2)Aerospace Engineering (AS),(3) Agreecultural Engineering (AG),(4)Automation and Robotics (AR), (5)Automobile Engineering (AU), (6)Chemical Engineering (CH), (7) Industrial & Production Engineering (IP), (8)Industrial Engineering & Management (IM), (9) Manufacturing Science and Engineering (MS), (10) Marine Engineering (MR), (11) Mechanical & Smart Manufacturing (MM), (12) Mechanical Engineering (ME), (13)Mechatronics (MT), (14) Petrochem Engineering (PC), (15)Robotics & Automation (RA),(16) Robotics and Artificial Intelligence (RI),(17)Silk Technology (ST), (18) Textile Technology (TX),(19)Energy Engineering (ER),(20) Smart Agritech (SA).
3	Electrical and Electronics Engineering Stream (EEE)	(1)Electronics & Communication Engineering (EC), (2)Biomedical Engineering (BM), (3)Electrical & Electronics Engineering (EE), (4) Electronics & Instrumentation Engineering (EI),(5) Electronics & Telecommunication Engineering (ET),(6) Industrial IoT (IO), (7) Medical Electronics Engineering (ML),(8) Electronics Engineering (VLSI Design and Technology) (VL),(9) Electronics & Communication(Advanced Communication Technology) (EA),(10) Electronics & Computer Engineering (UE).
4	Computer Science and Engineering Stream (CSE)	(1) Computer Science and Engineering (CS), (2)Computer Engineering (CE), (3) Artificial Intelligence and Data Science (AD), (4)Artificial Intelligence and Machine Learning (AI),(5)Biotechnology (BT),(6)Computer & Communication Engineering (CM), (7) Computer Science and Business System (CB),(8)Computer Science and Design (CG),(9)Computer Science and Engineering (IoT) (CO), (10)CSE(Artificial Intelligence and Machine Learning) (CI),(11) CSE(Artificial Intelligence) (CA),(12) CSE(Cyber Security) (CY), (13)CSE(Data Science) (CD),(14) CSE(IoT and Cyber Security including Block Chain Technology) (IC), (15) Data Science (DS), (16) Information Science & Engineering (IS),(17) Computer Science (CR).

Scheme of Teaching and Examinations-2025

Outcome-Based Education (OBE) and Choice-Based Credit System (CBCS)
(Effective from the academic year 2025-26)

II Semester (For the students who have studied the Chemistry group in I semester)

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours / Week				Duration in hours	CIE Marks	SEE Marks	Total Marks	Credits
					Theory Lecture	Tutorial	Practical / Drawing	SDA					
					L	T	P	S					
1	ASC	1BMATx201	Applied Mathematics -II (Stream Specific)	Maths Dept	3	2	0		03	50	50	100	04
2	ASC(IC)	1BPHYx202	Applied Physics (Stream Specific)	PHY Dept	3	0	2		03	50	50	100	04
3	ESC	1BCEDx203	Computer-Aided Engineering Drawing (Stream Specific)	ME dept	2	0	2		03	50	50	100	03
4	ESC	1Bxxx204x	Engineering Science Course-II	Respective Engg Dept	3	0	0		03	50	50	100	03
5	PSC	1Bxxx205	Programme Specific Courses	Respective Engg Dept	3	0	0		03	50	50	100	03
6	AEC (NCMC)	1Bxxx206	Soft Skills	Humanities Dept	1	0	0		--	100	---	100	PP
7	PSC/ESC	1Bxxxl207x	Program-Specific Course Lab	Respective dept	0	0	2		02	50	50	100	01
8	AEC/SDC	1BPRJ258	Interdisciplinary Project-Based Learning	Combination of Departments	0	0	0	02	02	50	50	100	01
9	HSMC	1BKSK209(BKSK107)/ 1BKBK209(BKBK107)	Samskrutika Kannada/ Balake Kannada	Humanities Dept	1	0	0		01	50	50	100	01
				TOTAL	**16**	**02**	**06**		**21**	**500**	**400**	**900**	**20**

ASC-Applied Science Course, IC – Integrated Course (Practical Course Integrated with Theory Course), ESC- Engineering Science Courses, PSC-Programme Specific Course, ESC- Engineering Science Courses, ETC- Emerging Technology Course, AEC- Ability Enhancement Course, NCMC: Non Credit Mandatory Course, PP : (Pass/Pass) is assigned to a non credit course. "PP" represents pass in course provided students have successfully completed the CIE requirements. Otherwise, "NP-not pass shall be awarded. "PP" is essential for the award of the degree HSMC-Humanity, Social Science and management Course, AEC/SDC-Ability Enhancement Course/Skill Development course, TD/PSB- Teaching Department / Paper Setting Board, CIE –Continuous Internal Evaluation, SEE-Semester End Examination, S- (SAAE)-Students' Academic Activity Engagement Hours,

Applied Mathematics-II					**Applied Physics**				
Code	**Title**	**L**	**T**	**P**	**Code**	**Title**	**L**	**T**	**P**
1BMATC201	Differential Calculus and Numerical Methods: CV stream	3	2	0	1BPHYC202	Physics for Sustainable Structural Systems (CV stream)	3	0	2
1BMATM201	Multivariable Calculus and Numerical Methods: ME stream	3	2	0	1BPHYM202	Physics of Materials (Mech stream)	3	0	2
1BMATE201	Calculus, Laplace Transform, and Numerical Techniques: EEE stream	3	2	0	1BPHEC202	Quantum Physics and Electronic Sensors (ECE stream)	3	0	2
1BMATS201	Numerical Methods: CSE Stream	3	2	0	1BPHEE202	Electrical Engineering Materials (EEE)	3	0	2
					1BPHYS202	Quantum Physics and Applications (CSE stream)	3	0	2
Programme Specific Courses (PSC)					**Programme Specific Courses Lab (PSCL)**				
1BCIV205	Engineering Mechanics	3	0	0	1BMEML207	Mechanics and Materials Lab	0	0	2
1BEME205	Elements of Mechanical Engineering	3	0	0	1BEMEL207	Elements of Mechanical Engineering Lab	0	0	2
1BBEE205	Basics of Electrical Engineering	3	0	0	1BBEEL207	Basic Electrical Engineering Lab	0	0	2
1BECE205	Fundamentals of Electronics & Communication Engineering	3	0	0	1BECEL207	Fundamentals of Electronics & Communication Engineering Lab	0	0	2
1BEIT205	Programming in C	3	0	0	1BPOPL207	C Programming Lab	0	0	2
1BEBT205	Elements of Biotechnology and Biomimetics	3	0	0	1BSSAL207	Soil Science and Agronomy Field Lab	0	0	2
1BSSA205	Principles of Soil Science and Agronomy	3	0	0	1BEBTL207	Elements of Biotechnology Lab	0	0	2
1BEAE205	Elements of Aeronautical Engineering	3	0	0	1BEAEL207	Elements of Aeronautical Engineering Lab	0	0	2
1BECHE205	Elements of Chemical Engineering	3	0	0	1BECHEL207	Elements of Chemical Engineering Lab	0	0	2
Engineering Science Courses-II (ESC-II)					**Computer-Aided Engineering Drawing**				
1BESC204A	Introduction to Building Sciences	3	0	0	1BCEDC203	Computer-Aided Engineering Drawing for CV Stream	2	0	2
1BESC204B	Introduction to Electrical Engineering	3	0	0	1BCEDM203	Computer-Aided Engineering Drawing for ME stream Engineering	2	0	2
1BESC204C	Introduction to Electronics & Communication Engineering	3	0	0	1BCEDEC203	Computer-Aided Engineering Drawing for EEE stream	2	0	2
1BESC204D	Introduction to Mechanical Engineering	3	0	0	1BCEDEE203	Computer-Aided Engineering Drawing for EEE stream (Only for EEE Students)	2	0	2
1BESC204E	Essentials of Information Technology	3	0	0	1BCEDS203	Computer-Aided Engineering Drawing for CSE stream	2	0	2

Integrated courses (IC), combining theory with practical components.
(i)Theory sessions will be conducted for 3 hours per week, while the practical sessions will be conducted for 2 hours per week.
(ii)Theory component shall be evaluated through both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE).
(iii)The practical component will be assessed only through CIE.

The Mathematics/Physics courses shall be taught by a single faculty member per session, with no sharing of the course (subject) modules. The tutorial sessions for the mathematics course shall be conducted in a laboratory environment using Maxima/Mathematica/ Python/Scilab/MATLAB software to enhance computational understanding and application skills.
Students admitted to a specific engineering stream are required to select and successfully complete Applied Mathematics-I and Applied Physics courses that are aligned to their program stream.

Programme Specific Courses (PSC): Programme Specific Courses (PSC) are a set of core courses tailored to a specific branch or discipline of engineering in which a student is enrolled (e.g., Mechanical Engineering, Computer Science, Civil Engineering, etc.). These courses are intended to provide students with in-depth knowledge and specialized skills essential for professional competence in the chosen field.
Students must select and complete the course from this group that corresponds to their admitted program stream.
Similarly, students are also required to choose and pass laboratory courses that are specific to their stream from the Programme Specific Courses Laboratory (PSCL) group.

Computer-Aided Engineering Drawing: The courses under this category are stream-specific. Students must select and complete the course that corresponds to their admitted engineering stream.

Engineering Sciences Courses-II (ESC-II): These courses are designed to broaden the technical knowledge of students beyond their core area of study. These courses enable students to gain a foundational understanding of engineering principles from other disciplines. Students are required to select and complete a course that does not belong to their admitted program stream. Students should select a course other than that was selected under ESC-I and other than course not belonging to their stream.

For the course ***Interdisciplinary Project (BPRJ259),*** it is mandatory to form a team comprising students from multiple engineering disciplines. For example, a project team may include students from Mechanical Engineering, Electronics and Communication Engineering (ECE), and Computer Science and Engineering (CSE), working collaboratively to design and implement the project.

Scheme of Teaching and Examinations-2025

Outcome-Based Education (OBE) and Choice-Based Credit System (CBCS)
(Effective from the academic year 2025-26)

I Semester **(Physic Group)**

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours / Week				Duration in hours	CIE Marks	SEE Marks	Total Marks	Credits
					Theory Lecture	Tutorial	Practical / Drawing	SDA					
					L	T	P	S					
1	ASC	1BMATx101	Applied Mathematics -I (StreamSpecific)	Maths Dept	3	2	0		03	50	50	100	04
2	ASC(IC)	1BPHYx102	Applied Physics (Stream Specific)	PHY Dept	3	0	2		03	50	50	100	04
3	ESC	1BCEDx103	Computer-Aided Engineering Drawing (Stream Specific)	ME Dept	2	0	2		03	50	50	100	03
4	ESC	1BXXX104x	Engineering Science Courses-I	Respective Engg Dept	3	0	0		03	50	50	100	03
5	PSC	1Bxxx105	Programme Specific Course	Respective Engg dept	3	0	0		03	50	50	100	03
6	AEC (NCMC)	1BSKS106	Soft Skills	Humanities Dept	1	0	0		-	100	---	100	PP
7	PSC	1BxxxL107	Program-Specific Course Lab	Respective Engg Dept	0	0	2		02	50	50	100	01
8	AEC/SDC	1BIDTL158	Innovation and Design Thinking Lab (Project-based learning)	Respective Dept	0	0	2		02	50	50	100	01
9	HSMS	1BKSK109(BKSK107)/ 1BKBK109(BKBK107)	Samskrutika Kannada/ Balake Kannada	Humanities Dept	1	0	0		01	50	50	100	01
	TOTAL				**16**	**02**	**08**		**20**	**500**	**400**	**900**	**20**
10	**AICTE Activity Points** (students have to earn 100 activity points between 01 to 08 semester)				Compulsory requirement for the award of a degree								

ASC-Applied Science Course, IC – Integrated Course (Practical Course Integrated with Theory Course), PSC-Programme Specific Course, ESC- Engineering Science Courses, ETCEmerging Technology Course, AEC- Ability Enhancement Course, NCMC: Non Credit Mandatory Course, PP : (Pass/Pass) is assigned to a noncredit course. "PP" represents pass in course provided students have successfully completed the CIE requirements. Otherwise, "NP-not pass shall be awarded. "PP" is essential for the award of the degree. PLC(IC)- Programming Language Course (Integrated Course), AEC/SDC- Ability Enhancement Course/Skill Development course, TD/PSB- Teaching Department / Paper Setting Board, HSMS-Humanity, Social Science and management Course, S- (SAAE) Students' Academic Activity Engagement Hours, CIE –Continuous Internal Evaluation, SEESemester End Examination.

Credit Definition:
1-hour Lecture (L) per week=1Credit
2-hoursTutorial(T) per week=1Credit
2-hours Practical / Drawing (P) per week=1Credit

04-Credit courses are designed for 50 hours of Teaching-Learning Session
04-Credit (IC) is designed for 40 hours' theory and 10-12 hours of practical sessions
03-Credit courses are designed for 40 hours of Teaching-Learning Session
02- Credit courses are designed for 25 hours of Teaching-Learning Session
01-Credit courses are to be designed for 12 hours of Teaching-Learning sessions

Applied Mathematics-I					**Applied Physics**				
Code	**Title**	**L**	**T**	**P**	**Code**	**Title**	**L**	**T**	**P**
1BMATC101	Differential Calculus And Linear Algebra: CV Stream	3	2	0	1BPHYC102	Physics for Sustainable Structural Systems (CV stream)	3	0	2
1BMATM101	Differential Calculus and Linear Algebra: ME Stream	3	2	0	1BPHYM102	Physics of Materials (Mech stream)	3	0	2
1BMATE101	Differential Calculus And Linear Algebra: EEE stream	3	2	0	1BPHEC102	Quantum Physics and Electronics Sensors (EEE stream)	3	0	2
1BMATS101	Calculus and Linear Algebra: CSE Stream	3	2	0	1BPHEE102	Electrical Engineering Materials (EEE stream-only for EEE students)	3	0	2
					1BPHYS102	Quantum Physics and Applications (CSE stream)	3	0	2
Computer-Aided Engineering Drawing					**Engineering Science Courses-I(ESC-I)**				
1BCEDC103	Computer-Aided Engineering Drawing for CV Stream	2	0	2	1BESC104A	Building Sciences and Mechanics	3	0	0
1BCEDM103	Computer-Aided Engineering Drawing for ME stream	2	0	2	1BESC104B	Introduction to Electrical Engineering	3	0	0
1BCEADEC103	Computer-Aided Engineering Drawing for EEE stream	2	0	2	1BESC104C	Introduction to Electronics & Communication Engineering	3	0	0
1BCEADEE103	Computer-Aided Engineering Drawing for EEE stream (only for EEE students)	2	0	2	1BESC104D	Introduction to Mechanical Engineering	3	0	0
1BCEDS103	Computer-Aided Engineering Drawing for CSE stream				1BESC104E	Essentials of Information Technology	3	0	0
Programme Specific Courses (PSC)					**Program-Specific Course Lab (PSCL)**				
1BCIV105	Engineering Mechanics	3	0	0	1BMEML107	Mechanics and Materials Lab	0	0	2
1BBEE105	Basics of Electrical Engineering	3	0	0	1BBEEL107	Basic Electrical Lab	0	0	2
1BECE105	Fundamentals of Electronics & Communication Engineering	3	0	0	1BECEL107	Fundamentals of Electronics & Communication Engineering Lab	0	0	2
1BEME105	Elements of Mechanical Engineering	3	0	0	1BEMEL107	Elements of Mechanical Engineering Lab	0	0	2
1BEIT105	Programming in C	3	0	0	1BPOPL107	C Programming Lab	0	0	2
1BEBT105	Elements of Biotechnology and Biomimetics	3	0	0	1BEBTL107	Elements of Biotechnology Lab	0	0	2
1BSSA105	Principles of Soil Science and Agronomy	3	0	0	1BSSAL107	Soil Science and Agronomy Field Lab	0	0	2
1BEAE105	Elements of Aeronautica Engineering	3	0	0	1BEAEL107	Elements of Aeronautica Engineering Lab	0	0	2
1BECHE105	Elements of Chemical Engineering	3	0	0	1BECHEL107	Elements of Chemical Engineering Lab	0	0	2

Integrated courses (IC), combining theory with practical components.
(i) Theory sessions shall be conducted for 3 hours per week, while the practical sessions shall be conducted for 2 hours per week.
(ii)Theory components shall be evaluated through both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE).
(iii)The practical component shall be assessed only through CIE.

The Mathematics/Physics courses shall be taught by a single faculty member per session, with no sharing of the course (subject) modules.
The tutorial sessions for the mathematics course shall be conducted in the laboratory environment using Maxima/Mathematica/ Python/Scilab/MATLAB software to enhance computational understanding and application skills (one hour for problem solving and one hour laboratory session).

All students admitted to the engineering program have to complete Applied Mathematics-I and Applied Mathematics-II in I and II semesters by selecting the courses prescribed for their stream, viz. CV, ME, EEE or CSE, under the heading Mathematics –I and Mathematics-II.
Those who have completed the physics course under the heading Applied Physics in I semester have to select the prescribed stream wise chemistry course under the heading Applied chemistry during II semester.

Programme Specific Courses (PSC): Programme Specific Courses (PSC) are a set of core courses tailored to a specific branch or discipline of engineering in which a student is enrolled (e.g., Mechanical Engineering, Computer Science, Civil Engineering, etc.). These courses are intended to provide students with in-depth knowledge and specialized skills essential for professional competence in the chosen field. Students must select and complete the course from this group that corresponds to their admitted program stream. Similarly, students are also required to choose and pass laboratory courses that are specific to their stream from the Programme Specific Courses Laboratory (PSCL) group.

Engineering Sciences Courses-I(ESC-I): These courses are designed to broaden the technical knowledge of students beyond their core area of study. These courses enable students to gain a foundational understanding of engineering principles from other stream courses. Students are required to select and complete two courses that are not belong to their admitted program stream. For example, a student admitted to the any programme of the Civil Engineering stream should not select Introduction to Building Sciences but any other two. One course shall be selected under ESC-I and another course under ESC-II. The two courses must be different from the other.

Computer-Aided Engineering Drawing: The courses under this category are stream-specific. Students must select and complete the course that corresponds to their admitted engineering stream.

The Student Induction Programme (SIP), initiated by the All India Council for Technical Education (AICTE), is designed to help newly admitted students in technical institutions transition smoothly into the higher education environment. It aims to familiarize students with the institutional culture, foster connections with peers and faculty, and provide a foundation for holistic learning. Activities under SIP may include Physical Activities, Creative Arts, Universal Human Values, Literary Events, Proficiency Modules. Lectures shall be by Eminent Personalities, Local Area Visits, Department/Branch Familiarization, and Innovation-related sessions. The first year of the Engineering programmes is composed of I semester, II semester and Summer Semester. SIP activities shall be scheduled in the afternoon sessions during the first week of class commencement of I and II semesters only.
The specific programmes to be conducted will be notified separately by the University via the academic calendar or through a separate notification.

AICTE Activity Points Requirement for BE/B.Tech. Programmes
As per AICTE guidelines (refer Chapter 6 – AICTE Activity Point Program, Model Internship Guidelines), in addition to academic requirements, students must earn a specified number of Activity Points to be earned is to be eligible for the award of their degree.
- **Regular students admitted to a 4-year degree program must earn 100 Activity Points.**
- **Lateral entry students (joining from the second year) must earn 75 Activity Points.**
- **Students transferred from other universities directly into the fifth semester must earn 50 Activity Points from the date of entry into VTU.**

These Activity Points are non-credit and will not be considered for the SGPA/CGPA or be used for vertical progression. However, they are mandatory for the award of the degree, and the points earned will be reflected on the eighth semester Grade Card.
The hours spent for earning the activity points shall not be counted for regular attendance requirements. Students can accumulate these points at any time during their program, including on weekends, holidays, and vacations starting from the year of admission, provided they meet the minimum hours of engagement prescribed for each activity. If a student fails to earn the required Activity Points, the eighth-semester Grade Card will be withheld until the requirement is fulfilled. Consequently, the degree will be awarded only after the Grade Card has been released.

Sl. No	Stream	UG Programmes under the stream with code
1	Civil Engineering Stream (CV)	(1) Civil engineering (CV), (2) Mining Engineering (MI)
2	Mechanical Engineering Stream (ME)	(1)Aeronautical Engineering (AE), (2)Aerospace Engineering (AS),(3) Agricultural Engineering (AG),(4)Automation and Robotics (AR), (5)Automobile Engineering (AU), (6)Chemical Engineering (CH), (7) Industrial & Production Engineering (IP), (8)Industrial Engineering & Management (IM), (9) Manufacturing Science and Engineering (MS), (10) Marine Engineering (MR), (11) Mechanical & Smart Manufacturing (MM), (12) Mechanical Engineering (ME), (13)Mechatronics (MT), (14) Petrochem Engineering (PC), (15)Robotics & Automation (RA),(16) Robotics and Artificial Intelligence (RI),(17)Silk Technology (ST), (18) Textile Technology (TX),(19)Energy Engineering (ER),(20) Smart Agritech (SA).
3	Electrical and Electronics Engineering Stream (EEE)	(1)Electronics & Communication Engineering (EC), (2)Biomedical Engineering (BM), (3)Electrical & Electronics Engineering (EE), (4) Electronics & Instrumentation Engineering (EI),(5) Electronics & Telecommunication Engineering (ET),(6) Industrial IoT (IO), (7) Medical Electronics Engineering (ML),(8) Electronics Engineering (VLSI Design and Technology) (VL),(9) Electronics & Communication(Advanced Communication Technology) (EA),(10) Electronics & Computer Engineering (UE).
4	Computer Science and Engineering Stream (CSE)	(1) Computer Science and Engineering (CS), (2) Computer Engineering (CE), (3)Artificial Intelligence and Data Science (AD), (4) Artificial Intelligence and Machine Learning (AI),(5) Biotechnology (BT),(6)Computer & Communication Engineering (CM), (7) Computer Science and Business System (CB),(8) Computer Science and Design (CG),(9) Computer Science and Engineering (IoT) (CO), (10)CSE(Artificial Intelligence and Machine Learning) (CI),(11) CSE(Artificial Intelligence) (CA),(12) CSE(Cyber Security) (CY), (13)CSE(Data Science) (CD),(14) CSE(IoT and Cyber Security including Block Chain Technology) (IC), (15) Data Science (DS), (16) Information Science & Engineering (IS),(17) Computer Science (CR).

Scheme of Teaching and Examinations-2025

Outcome-Based Education (OBE) and Choice-Based Credit System (CBCS)
(Effective from the academic year 2025-26)

II Semester (For the students who have studied Physics group in I semester)

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours / Week				Duration in hours	CIE Marks	SEE Marks	Total Marks	Credits
					Theory Lecture	Tutorial	Practical / Drawing	SDA					
					L	T	P	S					
1	ASC	1BMATx201	Applied Mathematics -II (Stream Specific)	Maths Dept	3	2	0		03	50	50	100	04
2	ASC(IC)	1BCHEx202	Applied Chemistry (Stream Specific)	CHE Dept	3	0	2		03	50	50	100	04
3	ETC	1BAIA203/ BETC205x	Introduction to AI and Applications	Any Dept	3	0	0		03	50	50	100	03
4	ESC	1BESC204x	Engineering Science Course-II	Respective Engg Dept	3	0	0		03	50	50	100	03
5	PLC(IC)	1BPLC205x	Programming Language Course	CSE & allied Dept	3	0	2		03	50	50	100	04
6	AEC	1BENG206	Communication Skills	Humanities Dept	1	0	0		02	50	50	100	01
7	AEC (NCMC)	1BICO207	Indian Constitution & Engineering Ethics	Humanities Dept	1	0	0		01	100	0	100	PP
8	AEC/SDC	1BPRJ258	Interdisciplinary Project-Based Learning	Respective Dept Multiple Dept)	0	0	0	02	02	50	50	100	01
				TOTAL	**17**	**02**	**05**		**20**	**450**	**350**	**800**	**20**

ASC-Applied Science Course, IC – Integrated Course (Practical Course Integrated with Theory Course), ESC- Engineering Science Courses, PLC(IC)- Programming Language Course (Integrated Course), AEC- Ability Enhancement Course, NCMC: Non Credit Mandatory Course, TD/PSB- Teaching Department / Paper Setting Board, HSMCHumanity, Social Science and management Course, S- (SAAE)- Students' Academic Activity Engagement Hours, AEC/SDC- Ability Enhancement Course/Skill Development course, CIE –Continuous Internal Evaluation, SEE- Semester End Examination, PP : (Pass/Pass) is assigned to a noncredit course. "PP" represents pass in course provided students have successfully completed the CIE requirements. Otherwise, "NP-not pass shall be awarded. "PP" is essential for the award of the degree

Integrated courses (IC), combining theory with practical components.
The theory sessions shall be conducted for 3 hours per week, while the practical sessions shall be conducted for 2 hours per week.
• The theory component will be evaluated through both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE).
• The practical component will be assessed only through CIE.

Communication Skills: This course shall be conducted in a laboratory environment

Applied Mathematics-II

Code	Title	L	T	P
1BMATC201	Differential Calculus and Numerical Methods: CV Stream	3	2	0
1BMATM201	Multivariable Calculus and Numerical Methods: ME Stream	3	2	0
1BMATE201	Calculus, Laplace Transform And Numerical Techniques: EEE stream	3	2	0
1BMATS201	Numerical Methods: CSE Stream	3	2	0

Applied Chemistry

Code	Title	L	T	P
1BCHEC202	Applied Chemistry for Sustainable Structure & Material Design (CV)	3	0	2
1BCHEM202	Applied Chemistry for Advanced Metal Protection and Sustainable Energy Systems (ME)	3	0	2
1BCHEE202	Applied Chemistry for Emerging Electronics and Futuristic Devices (EEE, ECE)	3	0	2
1BCHES202	Applied Chemistry for Smart Systems (CSE)	3	0	2

Engineering Sciences Courses II(ESC-II)

Code	Title	L	T	P
1BESC204A	Building Sciences & Mechanics	3	0	0
1BESC204B	Introduction to Electrical Engineering	3	0	0
1BESC204C	Introduction to Electronics & Communication Engineering	3	0	0
1BESC204D	Introduction to Mechanical Engineering	3	0	0
1BESC204E	Essentials of Information Technology	3	0	0

Programming Language Courses (PLC)

Code	Title	L	T	P
1BPLC205E	Introduction to C Programming (for non-IT programmes)	3	0	2
1BPLC205B	Python Programming (For CSE and allied programmes)	3	0	2

The Mathematics/Chemistry courses shall be taught by a single faculty member per session, with no sharing of the course (subject) modules. The tutorial sessions for the mathematics course shall be conducted in the laboratory environment using Maxima/Mathematica/ Python/Scilab/MATLAB software to enhance computational understanding and application skills.

Students admitted to a specific engineering stream are required to select and successfully complete Applied Mathematics-II and Applied Chemistry courses that are aligned to their program stream.

Engineering Sciences Courses-II(ESC-II): These courses are designed to broaden the technical knowledge of students beyond their core area of study. These courses enable students to gain a foundational understanding of engineering principles from other disciplines. Students are required to select and complete a course under ESC-II that does not belong to their admitted program stream. Students should select a course other than that was selected under ESC-I and other than course not belonging to their stream.

For the course Interdisciplinary Project (BPRJ259), it is mandatory to form a team comprising students from multiple engineering disciplines. For example, a project team may include students from Mechanical Engineering, Electronics and Communication Engineering (ECE), and Computer Science and Engineering (CSE), working collaboratively to design and implement the project.

Student's Induction Program: Motivating (Inspiring) Activities under the Induction program – The main aim of the induction program is to provide newly admitted students a broad understanding of society, relationships and values. Along with the knowledge and skill of his/her study, students' character needs to be nurtured as an essential quality by which he/she would understand and fulfill the responsibility as an engineer. The following activities are to be covered in 21 days. Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to Local areas, Familiarization with Department/Branch and Innovation, etc.

AICTE Activity Points to be earned by students over and above the academic grades, every regular student admitted to the 4 years Degree program, shall earn 100 points and every student entering 4 years Degree programs through lateral entry shall earn 75 Activity Points respectively for the award of degree through AICTE Activity Point Program. Students transferred from other Universities to the fifth semester are required to earn 50 Activity Points from the year of entry to VTU. The Activity Points earned shall be reflected on the student's eighth semester Grade Card.
The activities can be spread over the years, any time during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the program. However, the minimum hours' requirement should be fulfilled. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression.

- To succeed a student, need to understand the institution's system and process.
- Track your attendance as minimum requirement is 85%.
- Keep your eyes and ears open and understand areas where competence is required.
- Select electives of your passion and try to think of applying your knowledge
- Clarify whenever you are in doubt
- Participate in extracurricular and co-curricular activities of your choice
- Empathy and concern for others is the way to help yourself.
- Remember failure is the step for success, success is in your hands.

AWARD OF MINOR DEGREE

PREAMBLE

A minor is a secondary field of study that undergraduate students can pursue in addition to their major. While the major is the primary focus of a student's academic program and is usually chosen based on career goals and interests, a minor provides an opportunity to explore another area of interest in a more limited fashion. To enhance employability skills and impart deep knowledge in emerging areas that are usually not covered in the Undergraduate Degree credit framework, AICTE has come up with the concept of a 'Minor Degree' in emerging areas. A student opting for minor degree will have to earn 18 credits in addition to the credits essential for obtaining the Under Graduate Degree in Major Discipline (i.e. 160+18 credits for regular students and 120+18 credits for lateral entry students).

Objectives

The key objectives of offering B.E. with Minor programmes are:

- To enable students to pursue an allied academic interest in contemporary areas
- To expand the domain knowledge of the students in one of the other branches of engineering.
- To provide an academic mechanism for fulfilling the multidisciplinary demands of industries.
- To increase the employability of undergraduate students keeping in view better opportunities in interdisciplinary areas of engineering & technology.
- To offer knowledge in the areas that are identified as emerging technologies/thrust areas of Engineering.
- Provides an opportunity for students to become entrepreneurs and leaders by taking a business/management minor.
- Provides an opportunity for Applicants to pursue higher studies in an interdisciplinary field of study.
- To increase the overall scope of the undergraduate degrees

Eligibility Criteria for Registration

- Registration for a Minor degree shall start from the fourth semester of the B.E. program.
- A student can opt for only one minor program along with the major (degree) program. No student shall be permitted to register for both honours as well as minors.
- A student may choose to pursue a B.E. degree with a minor program if, at the time of registration, she/he has permissible backlogs up to the third semester under the regulations governing the B.E./. degree and provided that the student's cumulative grade point average (CGPA) after the third semester does not fall below 5.0.
- The minimum CGPA required to maintain up to the 3rd semester at the time of registration and at the time of completion of the major (core) degree program is ≥ 5.0.
- A Student shall complete all the required minor degree program courses and earn credits ≥ 18 before the completion (qualify) of the major degree program as per the Major degree regulations.
- A student cannot earn the Minor after he/she has already earned a bachelor's degree by earning 160 credits (regular students)/120 credits (lateral entry students).

Option to Acquire Minor Degree

Sl.No	Minor Program track name	Eligible branch of students	Offering Department	Award of Degree
1.	Artificial Intelligence & Machine Learning	All branches, except in CSE (AI&ML) CSE (AI)	CSE	B.E. in branch-name with Minor in Artificial Intelligence & Machine Learning
2.	Cyber Security	All branches, except in CSE (Cyber Security)	CSE	B.E. in branch-name with Minor in Cyber Security
3.	Data Science	All branches, except In CSE (Data Science)	CSE	B.E. in branch name with Minor in Data Science
4.	IOT	All branches, except in CSE(IOT)	ECE	B.E. in branch name with minor in IOT
5.	Innovation and Entrepreneurship	All Branches	Management Science/MBA	B.E. in branch name with Minor in Innovation and Entrepreneurship

B.E HONOURS

The Bachelor of Engineering degree with Honours earned with experiences, both inside and outside the classroom, will enhance, after graduation, all types of opportunities as professional engineers in the competitive world. To encourage and groom engineering students during their engineering program to become self-motivated independent investigators, critical thinkers, problem solvers, good communicators, team players, effective managers, life-long learners, as well as economically, environmentallyand socially aware AICTE has introduced a scheme wherein each student has to earn 18 or more additional credits through Massive Open Online Courses (MOOCs). To embody the intentions of AICTE, VTU has instituted the award of Bachelor of Engineering /Technology degree with Honours.

Eligibility Criteria for Registration

- Registration to the 'Honours' qualification shall start from the fifth semester onwards.
- The Registrants shall have obtained a letter grade ≥ B in case of 2022 scheme in all the courses in the first attempt only, in the semesters until this stage.
- The Registrants shall have obtained a CGPA ≥ 5.0 at the end of the fourth semester.
- The lateral entry Diploma students shall have completed Additional Mathematics I and II during 3rd and 4th semesters on the first attempt only.

Award of Honours Degree

- Each student registered for the Honours qualification shall have to take up the coursework as notified by the university from NPTEL and other platforms and complete each coursework successfully irrespective of the number of attempts, with a final score (Online assignments: 25% + Proctored exam: 75%) leading to NPTEL Elite (60 to 75 %) / Elite + Silver (76 to 89 %) / Elite-Gold (≥ 90 %) certificate, within the minimum prescribed duration for the award of degree.
- All the students who successfully complete the online courses as prescribed university and submit their certificates to the University through Principal of their respective colleges against the notification issued by the Registrar (Evaluation) in time before closure of 8th semester as per calendar shall be eligible for the 'Honours' qualification.
- The 'Honours' qualification shall be suffixed to the respective degrees and shown in the Degree certificates as a recognition of higher achievement by the student concerned.
- Students shall maintain a grade ≥ B (2022 scheme) and in all the courses of fifth to eight semesters on first attempt only.
- The Honours degree shall be awarded only if the CGPA at end of the B.E. programme is equal to or greater than 7.50.
- Additional credits earned through NPTEL shall not be considered for CGPA of B.E. programme as well as rank declaration.

Instructions to students on Honours Degree

- Any student meeting the eligibility criteria specified above and intending to register for the Honours qualification shall apply to the University through the Principal of his/her College in the prescribed form along with the prescribed application fees within 15 working days after notification by the University.
- There shall be no limit on the intake of students for registration for the Honours qualification. All the applicants fulfilling the eligibility shall be free to register for the Honours qualification.
- If registered, the students shall pay a one-time non-refundable registration fee as prescribed by the University to confirm the registration.
- The University shall announce the BOS-approved list of MOOCs (chosen from NPTEL/SWAYAM/other platforms) corresponding to each engineering programme. The University shall have the freedom to review and approve additional online platforms from time to time.
- Students shall select, in consultation with the concerned Faculty Advisor, the MOOCs such that the content/syllabus of them are not similar to that of the programmes first to eighth semesters core courses, professional electives or open electives that the student chooses at later semesters of the programme. In case of violations, the credits earned by the students in such course/s shall not be considered for the summation of prescribed 18 or more credits and hence for the award of Honours degree.
- The students shall earn the credits by only appearing in person to the proctored examination conducted by NPTEL/SWAYAM/other platform. No autonomous or non-autonomous colleges under the University can conduct examination and award credits in lieu of NPTEL/SWAYAM/other platform to accrue 18 or more credits for the award of Honours degree.
- The method of assessment shall be as per the NPTEL online platform.
- Students shall be permitted to drop the registered coursework/s and select alternative coursework/s in case they cannot appear for proctored examination/s or complete the examination.
- The credit equivalence for online NPTEL courses shall be determined based on the following table.

Table: Assigned Credits

Online Course Duration	Assigned Credits
04 weeks	01
08 weeks	02
12 weeks	03

COLLEGE RULES & REGULATIONS

Dress Code

The dress code in SIT is designed to foster a professional and respectful learning environment. Students are expected to adhere to the following dress code:

Boys	Girls
Formal trousers / regular jeans, Formal / casual shirts, decent Polo T-shirts are **allowed.**	Salwar-Kameez with Dupatta, Formal Trousers/ regular jeans, Formal / Casual long tops are **allowed.**
Torn jean pants, Cargo Pants, Bermudas and Casual T-shirts are **not allowed.**	Torn Jean Pants, Cargo Pants, Bermudas, Tank Tops, Sleevless Tops, Halter Tops and Casual T-shirts are **not allowed.**

DRESS CODE ON WEDNESDAYS
Formal Shirts and Trousers (Boys) | Formal Salwar Kameez with Dupatta (Girls)

To enforce discipline and provide ethical principles as well as commit to professional ethics and responsibilities, the students are required to follow following:

- The students should draw institution ID cards and display them when on campus.
- The student will not associate himself / herself with any activities which disturb or is likely to disturb the peace and smooth working of the institution.
- The students should attend classes regularly and get a minimum of 85% attendance to be eligible to appear for SEE
- A Counsellor / mentor will be allotted to a batch of 20 students in the beginning of the academic year.
- Every student should register with the mentor as per the calendar of events.
- A file will be maintained for each student (mentee) assigned to the counsellor till he/ she passes out from the institution.
- After every CIE and SEE the student should meet the counsellor who will guide the student in both academic and individual issues. The Counsellor will also keep track of the attendance and advise the students assigned to them. If the student is absent continuously for three classes, the parents will be contacted and know the reason for absence.
- The students are advised to park their vehicle in the designated parking areas.
- Motorcyclists must remove their helmets before entering the College campus.
- The college Security have the right to ask individuals to identify themselves through ID cards. Action shall be initiated against those persons who refuse to identify themselves.

COLLEGE WORKING HOURS	
Monday - Saturday	9:00 AM - 4:30 PM
Short Break	11:00 AM - 11:20 AM
Lunch	1:20 PM - 2:00 PM
Holiday	1st & 3rd Saturdays; All Sundays

TRANSPORTATION FACILITY

Transportation facility is available from Mysuru and surrounding areas for the movement of students & staff.

STUDENT SUPPORT & WELFARE COMMITTEE

MENTORING METHODOLOGY

Mentoring is one of the key practices followed at SIT. This initiative aims to monitor and guide students in both academic and personal matters, if needed. Each faculty member mentors a group of 15-20 students, providing individualized support. Parents are kept informed about their ward's academic performance. This mentoring system is especially effective in identifying slow learners, multifaceted students, ensuring timely intervention and support.

COLLEGE INTERNAL COMPLAINTS COMMITTEE

To comply with VTU (Prevention, Prohibition and Redressal of sexual harassment of women employees and students) regulation 2019, the College Internal Complaints Committee (CICC) is constituted as per VTU norms. The committee is headed by a Senior women faculty member.

Name	Position	Email	Mobile Number
Dr. Prahlad Rao K	Chairman	principal@sitmysore.ac.in	9449906600
Dr. Roopa Rao, Professor, NGO Representative	Member	rooparao@gmail.com	9448086463
Mr. Swaroop N S	Member	swaroop.ns@sitmysore.ac.in	8277121445
Mr. Pramod R Sharma	Member	pramodr.sharma@sitmysore.ac.in	9902358225
Ms. Roja N	Member	roja.n@sitmysore.ac.in	8296037391
Ms. Lokeshwari R	Student Member	lokaishu11@gmail.com	-
Mr. Sidharth	Student Member	sidharthshinde483@gmail.com	-
Dr. Suman Jayakumar	Member-Convenor	suman.jayakumar@sitmysore.ac.in	9972137917

ANTI RAGGING RULES

Students are advised not to involve or encourage ragging in or outside campus. Even witnessing as mute spectators will be considered as participating in ragging.

- By definition "Ragging" means causing, inducing, compelling or forcing a student, whether by way of a practical joke or otherwise, to do any act which detracts from human dignity or violates his/her person or exposes him/her to ridicule or to forbear from doing any lawful act, by intimidating, wrongfully confining or injuring him or by using criminal force on him / her or by holding out to him / her any threat of such intimidation, wrongful restraint, wrongful confinement, injury or the use of criminal force.
- As per the notification of the Supreme Court, Govt. of India, UGC, AICTE, Govt. of Karnataka," Ragging" is a Criminal Offence leading which may lead to Non-Bailable Imprisonment. Students are advised not to indulge in ragging or support ragging directly or indirectly in whatsoever manner. Severe action will be initiated against those indulging in ragging or supporting ragging.
- Any student(s) found involved in ragging or encouraging/ supporting ragging will be rusticated from the college. Further, their university degree and conduct certificates will be embossed in BOLD letters with a statement- "Involved in Ragging."
- Students encouraging ragging will not be eligible for placement services, hostel facility, air concession, railway concession, scholarships, passport/visa clearance etc.

- Photographs of students who have been involved in ragging shall be published in the notice board and published in local police stations.
- Enquiry committee's decision regarding the punishment is final.
- The offence of ragging is not only punishable under Section 116 of the Karnataka Education Act, 1983, but also under various provisions envisaged in Sections 109, 110, 111, 112, 113, 114, 115, 116,302,305,306, 339, 340, 341. 342, 343, 344, 346, 347, 354, 359, 368,448,451 and 506 of the Indian Penal Code (IPC).

Anti-Ragging committee:

The institute has constituted anti-ragging committee which monitors student activities within campus, Hostel and outside campus. The committee consists of:

Name	Position	Email	Mobile Number
Dr. Prahlad Rao K	Chairman	principal@sitmysore.ac. in	9449906600
Ms. Swathi K	Member	Swathi.k@sitmysore.ac.in	9686162284
Dr. Premkumar S	Member	premkumar.s@sitmysore.ac.in	9743393047
Mr. Pavan S	Member	pavan.ns@sitmysore.ac.in	9480557044
Dr. M L Shekar, Sub-Inspector Kadakola Police Station	Member	-	9480805045
Ms. Ashwini V	Student Member	ashwiniv@gmail.com	-
Mr. Hruthwik K R	Student Member	hruthwik1807@gmail.com	-
Mr. Rashmi B V	Parent Member	-	9844419363
Dr. Ningappa C	Member-Convenor	ningappa.c@sitmysore.ac.in	7259597317

Anti-Ragging Squad

Name	Position	Email	Mobile Number
Dr. Lokesh M	Member	lokesh.m@sitmysore.ac.in	9902880237
Ms. Shyleshwari M Shetty	Member	shyleshwarim.shetty@sitmysore.ac.in	9738460451
Mr. Prashanth kumar S	Member	prashanthkumar.s@sitmysore.ac.in	8277434831
Mr. Darshan D S	Member	darshan.ds@sitmysore.ac.in	9272199120
Dr. Raghavendra R	Member	raghavendra.r@sitmysore.ac.in	9620557621
Dr. Sathyaprakash B P	Member-Convenor	sathyaprakash.bp@sitmysore.ac.in	8970798921

STUDENT GRIEVANCE REDRESSAL COMMITTEE

The Student Grievance Redressal Committee (SGRC) aims to look into the complaints lodged by any student and redress it as per requirement. The College level Student Grievance Redressal Committee is constituted with respect to the compliance of AICTE (Redressal of Grievance of Students) Regulations 2019 vide F.No. I101 PGRCAICTE/Regulations/2019 dated 07-11-2019).

Objectives

- Maintaining the honor of the institution by making sure that there is no conflict by encouraging friendly relationships between students and teachers, among other things
- To maintain a peaceful learning environment in the institution, it is necessary to provide a mechanism for student grievance settlement that is accessible, accountableand responsive. Additionally, college operations must take action to guarantee that student grievances are resolved quickly.
- It is to delicately handle the difficult circumstances in order to lessen the oppressive or unsatisfactory conditions.
- Encouraging students to voice their complaints and issues in an open and honest manner without worrying about retaliation.
- Advising students to exercise the utmost restraint and patience whenever a conflict arises and to respect each other's rights and dignity.
- Counseling all students to abstain from stirring up trouble among themselves, their teachers, or the college administration and Counseling all staff members to treat students with affection and refrain from acting vindictively toward any of them for any reason.
- To assist students who have not received the services to which they are legally entitled from the College.

Functions of Grievance Redressal Committee

- The cell's job is to investigate and assess the merits of any complaints submitted by students. The Grievance Cell has the authority to investigate complaints of harassment.
- If a person has a legitimate grievance, they can address the department members directly or consult with the class leader. If they are unable to appear in person, they can file a written grievance through the Grievance Cell's suggestion box or letterbox located in the Administrative Block. Grievances can also be emailed to the officer in charge of the Students' Grievance Cell at **sitsetmysuru@gmail.com.**
- The cases will be attended promptly on receipt of written grievances from the students. The Grievance Cell will act upon those cases which have been forwarded along with the necessary documents.
- The Grievance Cell will guarantee that the grievance has been appropriately resolved within the time frame that the cell has provided.
- The cell will prepare statistical reports regarding the number of cases received and will formally review each case. The cell will report to the appropriate authorities regarding the cases handled and the quantity of cases that are still pending and in need of guidance and direction from higher authorities.

- Grievance Redressal Committee members may come from both the teaching and non-teaching sections of SITM. The principal will decide the committee's makeup and terms, which are for two years.
- All complaints submitted to the Grievance Redressal Committee, Principal, or Director must be recorded in a register that the Committee Secretary will keep specifically for that purpose. Monthly reports on the number of grievances, whether resolved or not, will be given to the principal.

ADMISSION PROCEDURE

The admission to the college is as per the consensual agreement between GoK and managements of engineering colleges. The ratio of seat sharing is fixed by GoK.

Eligibility Rules for B.E Programme

- The basic qualification for eligibility for admission to Bachelor of Engineering is 2-year Pre-University or 12th Standard or equivalent examination (hereinafter referred to as the" Qualifying Examination or Q.E. in short).
- The candidate should have taken Physics and Mathematics as compulsory courses along with Chemistry / Computer Science / Electronics as optional courses and English as one of the languages of study in the Q.E.
- The candidate should have passed the Q.E. with an aggregate minimum of 45% marks in the core & optional courses in the Q.E (40% of marks in Q.E in case of SC, ST & OBC Category candidates). The marks obtained by the candidate in Chemistry/ Biotechnology / Computer Science / Biology / Electronics in the Q.E.
- The institute will admit candidates belonging to Karnataka domicile and non-Karnataka groups as per the guidelines issued by Government of Karnataka/AICTE from time to time.

Eligibility for admission under Government Quota

- The SC/ST/OBC eligibility criteria is applicable to persons of Karnataka origin who are claiming eligibility for Government Seats under clauses (a), (b), (f), (H) (G), (K) and (0) and the same is not applicable to clauses (c), (d), (e),(g), (i) and (m) of item-7 of chapter-1. (Source: CET Brochure: 2015-16) **For more details log on to the KEA website http://kea.kar.nic.in/cet**
- The institute will admit candidates belonging to Scheduled Castes, Scheduled tribesand any other groups as per the guidelines issued by Government of Karnataka/AICTE/VTU from time to time.

Eligibility for admission under COMED-K

- Both Karnataka and non-Karnataka students are eligible under this quota. The student should have appeared for COMED-K entrance examination and qualified as per (A) above.

Management Quota

- As per the notification and rules of Government of Karnataka, certain seats will be allotted by the management of SET. However, the eligibility for admission will remain the same as in (A) above.

Lateral Admission of Students to BE Programmes

- Students with three-year Diploma conducted by DTE in related fields (as per VTU notification)/ BSc degree from a UGC recognised university/ D.Voc. in allied sectors are admitted to B.E. Degree Programmes in respective specializations to the second year, as per the guidelines issued by Government of Karnataka/AICTE/VTU from time to time.
- The student should have obtained at least 45% marks (40% in case of candidates belonging to reserved category).
- A student who is admitted directly to third semester under lateral entry scheme shall complete all the courses with a period of six academic years from the date of first admission into the B.E Programme failing which he / she has to discontinue the course.
- The student shall pass the mandatory non-credit courses as specified by the university compulsorily within two years of joining the Programme. BSc students with Mathematics major can apply for exemption through the Head of the Institution of the Engineering college.
- The student must earn a total of 120 credits
- The student shall have to compulsorily pass the bridge courses offered, English and Kannada (non-credit mandatory courses) before being considered for award of B.E Degree.

Fee Waiver

Seshadripuram Educational Trust (SET) encourages students who have in their academic pursuits. To further motivate such Achievers for higher Academic excellence, following Tuition Fee Waiver Scholarship (TFS) at Seshadripuram Institute of Technology (SIT), is proposed.

Students who seek admission for the first year of B.E programme will be eligible for waiver of Tuition Fee based on their performance in the Qualifying Examination as per the following detail.

Sl.No.	Percentage in PMC / PME / PMCs in PUC/10+2 (Qualifying examination)	Waiver in Tuition Fee (in %)
1	Above 95	25
2	Between 90-95	20

Students who seek admission under CET will be eligible for waiver of Tuition Fee based on their ranking as per the following detail.

Sl.No.	CET Ranking	Waiver in Tuition Fee (in %)
1	Less than 1000	25
2	1001-2500	20
3	2501-6000	15

SET also encourages students who have outstanding achievements in extracurricular activities such as sports, NCCand NSS. As an incentive to such students, Tuition Fee waiver is detailed below is proposed.

Sl.No.	Achievements	Waiver in Tuition Fee (in %)
1	Representation at National level during PUC/10+2 in Individual events of sports	40
2	Representation at the National level during PUC/10+2 in in team events of sports	30
3	Representation at State during PUC/10+2 Individual events of sports	25
4	Representation at State during PUC/10+2 in team events of sports	15

This waiver will be continued in higher semesters provided the student continues to represent in the name of SIT and keeps good academic records.

- For differently abled students, a waiver of tuition fee up to a maximum of 50% will be made available when the request is made based on certificate issued by District surgeon/ District Medical Officer. The quantum of waiver will depend on the level of disability as certified by the competent authorities. The admission of such candidates will be purely based on the GoK norms and subject to approval by the VTU, Belgavi.
- Tuition Fee Waiver Scholarship for students who have passed out of SET PU/ degree institutions will be 20% of Tuition Fee.
- It is to be noted that the provisions of fee waiver detailed above cannot be clubbed together. Thus, at any time the student will be eligible for only one of the provisions which is beneficial to him/her.
- In all the cases the Principal of SIT shall recommend individual cases to the SET Hon. General Secretary and take formal approval.

HOSTEL

Hostel Rules

There are separate hostels for Boys and Girls with the following facilities:

- Rooms with attached washroom, cot and storage cupboard.
- Two and three sharing accommodation with individual cot and storing cupboard and single attached washroom.
- Admission to the hostel will be given only after the student has completed the admission procedure at the college.
- A common dining hall is provided and food will be served in specific hours only (As notified by the Warden from time to time).
- Hostel students will be given lock and one key.
- Hostel students should keep their room neat and tidy. They should allow the housekeeping staff to clean their room and washroom when they visit.
- Hostel students need to be in hostel before 8.00 PM (Girls-7.00 PM)
- They should be polite with their inmates; any complaint of injurious behavior could result in the student being sent out of the hostel and the caution deposit will not be refunded.
- Hostel and Mess dues should be deposited before 10th of every month.
- Any physical indisposition should be reported to the warden, those who need to consult a specialist should get prior permission from the warden/Management. Warden can shift the patient immediately (if required) to the nearest hospital and inform the parents at the earliest.
- The parents have to make suitable arrangement to take care of their ward in the hospital after the first day. The initial deposit made by the hostel authorities at the hospital must be returned to the hostel by the parents.








LOOKING FORWARD

- Seshadripuram Institute of technology wants to become a preferred institution through initiatives that include providing research, innovation and an entrepreneurship environment for both faculty & students
- The institution would like to go into Micro credential mode of teaching-learning process.
- SIT will soon setup Innovation and Incubation Centre that will help students to realise their passion of being entrepreneur.
- Students will be supported through strong R&D & Industry Academic Collaboration, which will also bring in internship, latest technology inputs and seed money support to incubators.

PRINCIPAL AND SENIOR STAFF AT SIT

PRINCIPAL

Dr. K Prahlad Rao
Ph.D. (IITM), Postdoc (Singapore & USA),

Electrical & Electronics Engineering

Dr. Surekha Manoj
M.Tech, PhD (UoM)
27 years of teaching experience

Electronics and Communication Engineering

Dr. Narasimha Kaulgud
M.Tech,Ph.D (IIT Bombay),
38 years of Teaching and Industry experience

Mechanical Engineering

Dr. Venkategowda
M.Tech, PhD (VTU)
15 years of teaching experience

Computer Science Engineering

Dr. Suman Jayakumar
M.Tech, PhD (VTU)
15 years of teaching as well as Industry experience

Science Stream

Dr. C. Ningappa
MSc, PhD (UoM)
25 years of teaching experience

Science Stream

Dr. Vasanth Kumar S
M.Sc., (UoM), PhD, (BU)
15 years of teaching experience

Science Stream

Dr. Kiran Kumar P
MSc (UoM), PhD (VTU)
15 years of teaching experience

Office

Brahma Prasad B.J.
Office Manager, SIT

Physical Education

Dr Raghavendra
Physical Education Director
M.Ed (MU), PhD
15 years of teaching experience

Library

Pavan N S
Librarian
M.LISc., (UOM)
KSET

CULTURAL PROGRAMME



















Computer Science and Engineering Labs

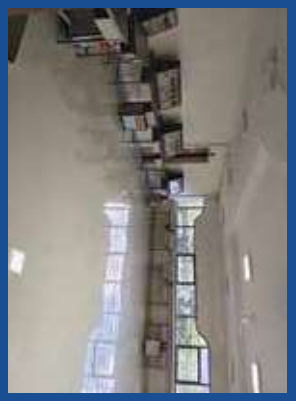
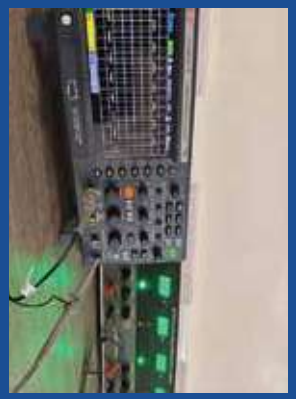






Electrical and Electronics Engineering Labs




Mechanical Engineering Labs







Education is the manifestation of perfection already in men, by which character is formed, strength of mind is increased, intellect is expanded and by which one can stand on one's own feet.

- Swami Vivekananda

The real "Guru" is one who enhances his knowledge for the benefit of his "shishyas".

- Adi Shankara

Seshadripuram Educational Trust
SINCE 1930
INSTITUTIONS

SESHADRIPURAM EDUCATIONAL TRUST

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