LABORATORY GLIMPSES

COMPILER DESIGN LAB

DATABASE LABORATORY

SOFTWARE LAB

MICROPROCESSOR & MICRO CONTROLLER LABORATORY

NETWORKING LABORATORY

OPERATING SYSTEMS LAB

PROJECT & DESIGN LAB

ACHIEVERS

ALFI NOUSHAD
TOPPER-S2, 2024

BINNY THOMAS
TOPPER-S4, 2024

FATHIMA B
TOPPER-S6, 2024

ASHNA A S
TOPPER-S8, 2024

GIFTON & DHANIYAL
PROTOTYPE GRANT-APJAKTU
S5, 2024

ARYAN C
GATE AIR-31431
2024

GOUTHAM G
GATE AIR-34059
2024

ABIN ROY
3RD, VYUHAM'24
DUK. TVM. 2024

ABHAYA B
1ST, ILLUµNATE
2024, TVM

BINNY THOMAS
GATE AIR-22460
2025

PLACEMENTS

GAYATHRI L NAIR
WEBSANDCRAFTS
CHENNAI, 2024

VISHAL KRISHNA
BUY ME A COFFEE
COCHIN, 2024

JYOTIKA JOSE
GUIDEHOUSE
TVM, 2024

PRANAV JERRY
UST
TVM, 2024

MOHD. IJAS
BUY ME A COFFEE
COCHIN, 2024

ANCY PRASAD
ORBITRON
CHENNAI, 2024

SWARAJ GOPAL
PROCHANT
TVM, 2024

AMINESH V N
ECS FIN
TVM, 2024

MOHAMMED Z
REFLECTIONS GLOBAL
TVM, 2025

ARYAN C
REFLECTIONS GLOBAL
TVM, 2025

SHABNA N
INFOSYS
TVM, 2025

DEVU A G
INFOSYS
TVM, 2025

MERLIN VARGHESE
BEAGLE SECURITY
TVM, 2025

DEV NANDAN S
BOMBE.DESIGN
TVM, 2025

CONTACT US

Prof. Anup Mathew Abraham
Head of the Department
Department of Computer Science & Engineering
Contact: 0471-2410641, 9495635696 &7907445173
Email: anup.cs@stisttvm.edu.in

SCAN & APPLY

FB Page: St Thomas Institute for Science & Technology
Instagram: stist.tvm
twitter: stist_tvm
Website: https://www.stisttvm.edu.in/

ST. THOMAS INSTITUTE FOR SCIENCE & TECHNOLOGY

COLLEGE CODE: STI

Department of Computer Science & Engineering

ACCREDITED BY THE NATIONAL BOARD OF ACCREDITATION (NBA)

(Information Brochure)

Contact us: 9497257415, 9495635696 & 9447213222
0471-2410641/2410640
http://www.stisttvm.edu.in/

Mar Chrysostom Nagar, Kattaikonam P.O.,
Kazhakkoottam, Trivandrum 695 584.
Email: principal@stisttvm.edu.in

Affiliated to APJ Abdul Kalam Technological University, Trivandrum, Kerala
Approved by the All India Council for Technical Education (AICTE)

About the Institute

Set in a picturesque and modern campus of 20 acres, St. Thomas Institute for Science & Technology (College Code: STI), Trivandrum was established in the year 2010 by the Mar Thoma Church Educational Society, who are well known pioneers in the field of education since 1966. The college patron is His Grace The Most Rev. Dr. Theodosius Mar Thoma Metropolitan and the president is Rt. Rev. Dr Isaac Mar Philoxenos Episcopa.

The institute is affiliated to APJ Abdul Kalam Technological University, Trivandrum, Kerala and imparts high quality, affordable education, training, R&D and values to students from all strata of the society. Many of its alumni are employed in leading positions in industry, academia and government in both India and abroad. It's also one of the best student centric campuses in India.

About the Department of Computer Science & Engineering

The Department of Computer Science & Engineering was established in the year 2010 with an annual intake of 120 students. Over the past decade, the department has successfully produced industry ready computer engineering graduates with excellent academic credentials.

The department has consistently attracted the best of engineering aspirants from all over the country. It has a team of well qualified & experienced faculty. The department offers B.Tech course in Computer Science & Engineering. The department has six state-of-the-art laboratories like: Object & Procedure Oriented Programing Lab, Micro Processors Lab, Operating Systems Lab, Free & Open Source Software Lab, Database Systems Lab, Compiler Design lab to support the teaching and students have access to high end computing facilities. The department is also actively involved in various research and consultancy activities.In addition, the Centre of Excellence in Java and Python (CoE J&P) provides programming skill development with hands on training. The department actively promotes student projects in Machine Learning, Artificial intelligence, IoT&Data Mining with funding from IEDC &has signed MoU with Reflections Info Systems Pvt. Ltd. & others for collaborative academic projects.

About the Program & Its Objectives

The Computer Science programme objectives are designed in such a way to develop engineers who are capable to elevate the field of Computer science and Engineering by contributing to its advancement. Following are the Programme Educational Objectives of the Department of Computer Science & Engineering:

- Graduates shall evolve as globally competent Computer engineers for developing innovative solutions in multidisciplinary domains.
- Graduates shall have up-to-date knowledge in Computer Science & Engineering along with broad knowledge on mathematics, science, management and allied engineering to promote their career.
- Graduates shall nurture team spirit, ethics, social values, communication skills and leadership, enabling them to become better professionals of tomorrow.

Vision & Mission of the department

Vision

To empower the students of the Computer Science and Engineering Department to be technologically proficient, socially committed citizens by fostering a conducive learning environment.

Mission

M1: To develop knowledge in both theoretical and applied foundations of Computer Science and Engineering.
M2: To establish learner centric and career oriented education system.
M3: To provide good quality education for preparing better software professionals

Eligibility Criteria

For Admission to B.Tech First Year Engineering Course

- Candidates passed in Higher Secondary Examination, Kerala, or equivalent, with Physics & Mathematics as compulsory subjects & Chemistry as one of the optional subject with 45% marks are eligible for admission. If candidate has not studied Chemistry, the marks of Computer Science will be considered. If candidate has not studied Chemistry & Computer Science the marks of Biotechnology will be considered. In case, the candidate has not studied Chemistry, Computer Science & Biotechnology the marks of Biology will be considered.
- For SC/ST/SEBC & PwD quota candidates, minimum marks required for admission shall be 5% less than that of general category.

For Admission to B.Tech Lateral Entry (direct second year) Engineering Course

- Candidates passed three year Diploma Examination in Engineering/Technology (two years in case of Lateral Entry Diploma)/D.Voc. from State Board of Technical Education/Universities or Institutions under Govt. of India, undergoing studies at AICTE approved institutions, with 45% marks in Aggregate (40% in the case of reserved category candidates), are eligible to apply.
- Candidates passed B.Sc. degree examination from an UGC recognized university with 45% marks in Aggregate (40% in the case of reserved category candidates), having passed 10+2 examination with mathematics as a subject are eligible to apply.

Features of the Department

1. Centre of Excellence in Java and Python (CoE J&P)
2. ICT based learner centric academic environment
3. Industry participation in teaching-learning
4. Beyond the curriculum teaching
5. Engineering design & innovation projects
6. Soft skill, life skill & interdisciplinary electives
7. Industrial standard laboratories
8. STIST online learning platform & flipped classroom
9. Remedial & extra classes for weak students
10. Regular webinars, workshops, hands on training sessions & other technical events on recent technologies
11. Job oriented additional courses
12. Project based learning, industrial visits & internships
13. Special sessions for competitive exams like GATE, UPSC & KPSC
14. Placement training facilities, personality & communication skills development programmes with 100% placement assistance
15. IEDC funded project opportunities, start up & incubation support
16. X-Coders department association, coordinates technical & extracurricular activities among students
17. Affordable transport facility, Wi-Fi campus, hostel facilities for boys and girls, sanitized, spacious & all-time favorite college canteen

Market & Career Potential

Particulars	Junior / Entry Level (0-3 Years Exp)	Middle Level (3-8 Years Exp)	Top Level/ Senior Level (8 + Years Exp)
Avg. Salary (INR) Per Annum	(4,00,000-12,00,000)	(6,00,00-16,00,000)	(10,00,000 +)
PSU & Government • IT Officer in public sector banks • National Informatics Center- Scientist • IT Officer • DRDO- Scientists • ISRO	Assistant System Engineer	Software Developer	Software Associate/Data Analyst
Private Sector (MNCs) • Computer Network Architect • Information Security Analyst • Web Developer • Software Developer • Data Analyst • Software testing	Software Engineer	Associate Software Engineer-TL	Associate Consultant/Software Architect
Education Sector	Assistant Professor	Associate Professor	HoD, Dean, Director
Career Opportunities			

Govt/PSU: BEL, BSNL, IOCL, ONGC, ISRO, DRDO, NIC, C-DOT, ECIL, BARC, IDRBT, RBI, SBI, IBPS, NPCI etc.
Education: Top Universities (MIT, IISc, IIT, IIM), Top B - Schools, Private Universities, R & D organizations
Private Sector/MNC's: TCS, INFY, WIPRO, HCL, CTS, IBM, ACC, LTI, TECHM, MINDTREE, PERSISTENT, MPHASIS, SAP, ORACLE, DELL etc.
Entrepreneurship: Business Start ups- Own Technical Industry, Hardware Maintenance etc.