

## ABOUT THE DEPARTMENT

Established in 2023, the Department of Computer Science and Engineering (Cyber Security) is committed to nurturing the next generation of cyber security professionals and digital defenders. With an annual intake of **60 students**, this emerging specialization combines strong computing fundamentals with advanced cyber intelligence to address the rapidly evolving challenges of the digital era.

The department offers a future-ready curriculum aligned with industry demands, covering core areas such as **Cyber Security, Software Security, Ethical Hacking, Machine Learning, Programming, and Data Structures.**

Adopting a **Choice-Based Credit System (CBCS)** and an **Outcome-Based Education (OBE)** framework, the department ensures flexibility, experiential learning, and skill-oriented training to prepare students for global careers.

## HIGHLIGHTS

- **Expert Faculty**  
Highly qualified faculty members with expertise in Cyber Security, Ethical Hacking, Machine Learning, and Core Computing, combining academic excellence with industry exposure.
- **Project-Based Learning**  
Curriculum-integrated mini-projects, real-time case studies, and capstone projects that enhance problem-solving and analytical skills.
- **Industry-Integrated Training**  
Continuous exposure to industry practices through workshops, certifications, internships, and expert sessions.
- **Global Certification Support**  
Preparation and access support for globally recognized certifications such as : ISC2, CEH, AWS, Cisco, NPTEL, MATLAB, Coursera, Udemy, and NASSCOM FutureSkills.

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## INFRASTRUCTURE & LABORATORY FACILITIES

The department provides state-of-the-art infrastructure to enable hands-on learning and research.

### Specialized Labs

- Advanced Cyber Security Lab
- Ethical Hacking & Penetration Testing Lab
- Digital Forensics Lab
- Security Operations Center (SOC) Simulation Lab
- Cyber Range Environment

### Digital Library Access

- IEEE Xplore
- ScienceDirect
- DELNET
- Other reputed global research databases

## INDUSTRY COLLABORATION

The department actively collaborates with industry partners to bridge the gap between academia and real-world cyber challenges.

- MoUs with leading Cyber Security firms
- Internship and industrial training opportunities
- Guest lectures by industry experts
- Cyber Security workshops and hackathons
- Capture The Flag (CTF) competitions

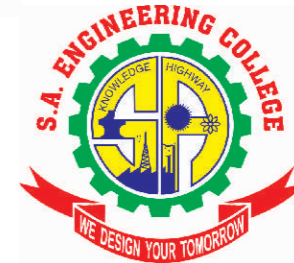
## VALUE-ADDED COURSES

To enhance employability and industry readiness, the department offers value-added courses in emerging technologies such as:

- Vulnerability Assessment and Penetration Testing (VAPT)
- Networking Basics & Network Security
- Operating Systems & Information Security
- Mendix Low-Code Application Development

These courses equip students with practical skills beyond the academic syllabus.

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# S.A. ENGINEERING COLLEGE

(Autonomous - Institute Level Research Centre,  
Affiliated to Anna University, Chennai)

Accredited by NAAC with 'A' Grade &  
ISO 9001:2015 Certified Institution

Poonamallee - Avadi Main Road, Veeraraghavapuram,  
Thiruverkadu, Chennai - 600 077.

## DEPARTMENT OF CSE (CYBER SECURITY)

"Securing the Future Through Cyber Intelligence"



Counselling Code : 1114

www.saec.ac.in

## GUEST LECTURES



## INDUSTRIAL VISIT



## WORKSHOP



## SEMINAR



## SYMPOSIUM



## EXTERNAL ACTIVITY



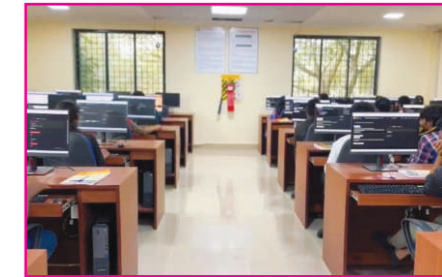
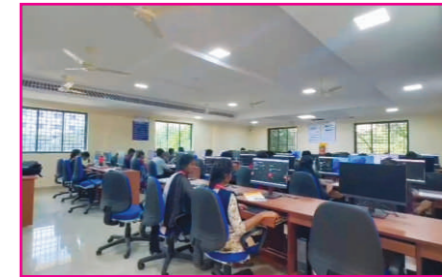
## PONGAL CELEBRATION



## CLASSROOM FACILITIES



## LAB FACILITIES



## PROJECT WORK

