# AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to A. P. J. Abdul Kalam Technological University

ISO 9001: 2015 Certified Institution | NBA accredited B.Tech. CSE & ECE programs (till 31-12-2028)

Ahalia Campus, Palakkad | Ph: 04923 226666 | www.ahalia.ac.in

NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

NBA NATIONAL BOARD OF ACCREDITATION

## DEPARTMENT OF

# COMPUTER SCIENCE & ENGINEERING

## (NBA ACCREDITED)



**ADMISSION OPEN**

The Department of Computer Science & Engineering at ASET focuses on creating **technically skilled** engineers capable of contributing to the modern computing world. We combine strong innovation, **practical exposure**, and **industry-oriented learning** to prepare future-ready professionals.

Our focus on **research, teamwork, and ethical values** ensures holistic development and excellence.

## DEPARTMENT FEATURES

- Experienced & Dedicated Faculty Team
- Outcome Based Education (OBE) System
- Excellent Results & Placement Record
- Advanced Laboratories & Research Facilities
- Innovative Curriculum & Value-added Courses
- Internship & Career Assistance
- NSS, ISTE & Institution Cell Activities
- Industry-oriented Learning Environment
- Innovation, Research & IPR Development Support









**INQUIRE TODAY**

**ADMISSIONS OPEN**

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# AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY

**Ahalia Health, Heritage & Knowledge Village, Palakkad - 678557, Kerala**

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COMPUTER SCIENCE & ENGINEERING (NBA ACCREDITED)

## WHY CHOOSE CSE?

**Industry-Aligned Curriculum**
Designed with industry experts for future readiness.

**Diverse Career Opportunities**
Wide range of roles in emerging technologies and global domains.

**Strong Coding Foundation**
Build strong problem solving & programming skills.

**Hands-on Learning**
Work on real-world projects and practical assignments.

**CSE**
THE POWER OF CODE. THE IMPACT ON THE WORLD.

**Research & Innovation Driven**
Encouraging innovation, patents and publications.

**Experienced Faculty**
Learn from qualified faculty with industry & research exposure.

**Excellent Placements**
Consistent record with top companies and competitive packages.

**Innovation Ecosystem**
Incubation support, hackathons and startup opportunities.

**INNOVATE. EXPLORE. EXCEL. YOUR FUTURE STARTS HERE!**

## CAREER ROLES

**SOFTWARE DEVELOPER**
Design, build and maintain robust software solutions.

**CLOUD ENGINEER**
Design, deploy & manage scalable cloud infrastructures.

**DATA SCIENTIST**
Extract insights from data and drive business decisions.

**FULL STACK DEVELOPER**
Build end-to-end web and mobile applications.

**BUILD YOUR FUTURE WITH ENDLESS OPPORTUNITIES**

**CYBER SECURITY ANALYST**
Protect systems, networks & data from cyber threats.

**DATA ENGINEER**
Build data pipelines and manage large-scale data systems.

**AI/ML ENGINEER**
Build intelligent systems using machine learning and deep learning.

**RESEARCH SCIENTIST**
Research, experiment and innovate new technologies.

**EXPLORE. INNOVATE. EXCEL. YOUR FUTURE STARTS HERE!**

## STATE-OF-THE-ART LABS & FACILITIES

– Learn • Experiment • Innovate –



**01 PROGRAMMING LAB**
Practice coding, debugging & software development skills.



**02 DATA STRUCTURES & ALGORITHMS LAB**
Strengthen logic, algorithms and computational thinking.



**03 DATABASE SYSTEMS LAB**
Design, implement and manage database solutions and queries.

"WHERE IDEAS ARE CODED, INNOVATION IS CREATED"



**04 WEB & MOBILE DEVELOPMENT LAB**
Build responsive web & mobile applications using latest technologies.



**05 CYBER SECURITY LAB**
Learn to analyze, detect and defend systems and networks.



**06 AI & MACHINE LEARNING LAB**
Experiment with AI, ML models & data to build intelligent solutions.



INDUSTRY STANDARD EQUIPMENT | EXPERT FACULTY MENTORSHIP | INNOVATION & STARTUP ECOSYSTEM | ADVANCED COMPUTING INFRASTRUCTURE | LEARN · EXPLORE · INNOVATE FOR A BETTER TOMORROW

## OUR MAJOR RECRUITERS

TATA CONSULTANCY SERVICES · wipro · Infosys · Capgemini · Ahalia Hospital Mussafah | Abu Dhabi · Spiders · mitsogo · UST · IBM · CDAC · amazon · ZETWERK · Ahalia Health, Heritage & Knowledge Village · Mindtree Welcome to possible · Tech Mahindra · Datapy

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## DEPARTMENT OF
# COMPUTER SCIENCE & ENGINEERING

## TESTIMONIALS



### Joel T. Aju

B.Tech. CSE
with Minor in ECE
(2020 - 2024)

"My years at Ahalia School of Engineering and Technology were a transformative period, filled with countless opportunities for personal and academic growth. The large and eco-friendly campus offered a conducive environment for learning and personal development.

During my time at Ahalia, I had the honor of writing a journal, a feat that would not have been possible without the immense support and guidance of my professors. Completing my minor degree in Electronics and Communication Engineering alongside my major in Computer Science Engineering was a challenging yet rewarding experience that broadened my knowledge and skills.

I am deeply thankful for the invaluable experiences and the solid foundation I gained during my time at this esteemed institution."



### Vaisakh Sriram

B.Tech. CSE
(2020 - 2024)

"As a graduate of Ahalia School of Engineering and Technology, I'm proud to recommend the institution. The college instilled a strong foundation in engineering principles and practical skills, preparing me for a successful career. The supportive faculty and positive learning environment made my education at ASET an enriching experience."



### Praveena R.

B.Tech. CSE
(2020 - 2024)
Software Trainee
Vaisesika, Infopark, Kochi

"As a proud and privileged alumna, my journey at Ahalia School of Engineering and Technology provided me ample opportunities for personal and professional growth, enabling me to excel in my career.

Ahalia's lush green campus, well-equipped laboratories, and extensive library created an ideal environment for studying and staying abreast of current industry practices. I am sincerely thankful to the management, faculty, and staff for their unwavering support, state-of-the-art facilities, and rich insights that have profoundly shaped my career development.

Beyond academics, their emphasis on cultural activities also enriched my overall educational experience in completing my B.Tech. Computer Science & Engineering with distinction during 2024."



### Merin E.

B.Tech. CSE
(2021 - 2025)
Best Outgoing Student

"Ahalia has been more than just an institution for me; it has been a place that shaped my character, strengthened my values, and helped me grow both academically and personally. The supportive faculty, vibrant campus life, and numerous opportunities encouraged me to explore my potential and strive for excellence in every step of my journey.

Being recognized as the Best Outgoing Student of the 2021–2025 batch is a reflection of the constant motivation and guidance I received at Ahalia School of Engineering and Technology. I am truly grateful to the management, faculty, and friends who made my college life memorable and meaningful."

## OUR STUDENTS PLACED AT

Aabasoft · accenture · ACLICK · AGILE Business Consultancy · AHALIA GROUP India & UAE · amazon · Aspiring Systems · asianpaints · AURITAS · AvioHeliTronic Helicopters Pvt.Ltd. · AXIS BANK · Binead Bearings Limited · BYJU'S The Learning App · CAD@poly Engineering · Capgemini · Cognizant · digital nirvana · epixel solutions · ESCORTS · EXCELACOM Excellence in Professional Solutions · EY · fall creative · FEDERAL BANK · GAMMON Builders to the Nation · Grans · HCL · HDFC BANK We understand your world · HGS · ibs · ICICI Bank · John · JRS Technologies · Infosys · IQVIA

and many more...

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## BUILD THE FUTURE WITH

# COMPUTER SCIENCE & ENGINEERING

## INNOVATE. CODE. IMPACT.

Empowering Ideas • Engineering Solutions
Enriching Lives



## WHY CHOOSE CSE AT ASET?

**Industry-Oriented Curriculum**
Designed with industry experts and updated to meet global demands.

**Strong Coding Foundation**
Focus on data structures, algorithms and problem solving.

**Research & Innovation Driven**
Encouraging innovation, research publications and patents.

**Experienced Faculty**
Learn from qualified faculty with industry and research exposure.

**State-of-the-Art Infrastructure**
Advanced computing facilities, modern classrooms and smart labs.

**Excellent Placements**
Consistent placement track record with top companies and competitive packages.

## COMPUTER SCIENCE SPECIALIZATIONS

- Artificial Intelligence & Machine Learning
- Data Science & Big Data Analytics
- Cyber Security
- Cloud Computing
- Full Stack Development
- Internet of Things (IoT)

## INDUSTRY-READY SKILLS

- Programming (C/C++/Java/Python)
- Web & Mobile Development
- Database Management
- Software Engineering
- DevOps & Agile
- Data Structures & Algorithms
- UI/UX Design Basics

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COMPUTER SCIENCE & ENGINEERING (NBA ACCREDITED)

## CENTRES OF EXCELLENCE

- Centre for Artificial Intelligence & Machine Learning
- Centre for Cyber Security & Digital Forensics
- Centre for Data Science & Analytics
- Centre for Cloud & Distributed Computing



## ADVANCED FACILITIES



- High Performance Computing
- Modern Computing Infrastructure
- Smart Classrooms with ICT
- High Speed Network
- 24x7 Learning Environment

## PROJECTS & INNOVATIONS

- Real-world problem solving through mini & major projects.
- Participation in national & international hackathons and competitions.
- Student innovations encouraged and mentored for incubation.

## ACHIEVEMENTS & RECOGNITIONS

- Ranked among top engineering colleges in Kerala
- Students won national level coding contests
- Multiple patents filed by faculty & students
- Active participation in open-source communities

## PLACEMENT HIGHLIGHTS (2023-24)

- **95%+** Placement Assistance
- **700+** Placement Offers
- High Salary Package upto 28 LPA
- Average Package **4.6 LPA**

## PROGRAMS OFFERED

- B.Tech in Computer Science & Engineering
- Minor / Honor Programs in Emerging Technologies
- Value Added Courses & Industry Certifications
- Internships & Industry Collaborations

## CAMPUS LIFE

- Technical Clubs & Communities
- Hackathons & Codeathons
- Workshops & Expert Talks
- Cultural & Sports Activities

GLOBAL EXPOSURE • INNOVATIVE THINKING • ETHICAL VALUES • SUSTAINABLE SOLUTIONS

**BE A PART OF THE DIGITAL REVOLUTION.**
**CHOOSE CSE, CHOOSE ASET.**



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