INSTITUTION

VISION:

- Vision of Erode Sengunthar Engineering College is to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society.

MISSION:

Erode Sengunthar Engineering College will strive continuously to

- Create Positive difference to Society through Innovative Teaching-Learning Process.
- Impart Value Based Technical Education to the Students from across various Socio Economic Backgrounds.
- Build State of Art Infrastructure for high quality Research and Development capabilities on par with the finest in the Globe and widen students horizons beyond Class Room.
- Bring out Competent, Ethically Strong and Quality Professionals.

DEPARTMENT

VISION:

- To emerge as a Centre of Excellence with an open growth to foster a groomed, professionally competent and socially responsible IT intellectual graduates in facing dynamic and diversified unseen challenges in the technical advancement of Information and Communication Sphere.

MISSION:

DM1:
- To enhance the problem solving skills of the students to build their excellence in providing hardware, software based solutions in Information Technology arena.

DM2:
- To promote students with tools to become a prolific, responsible global citizens and lifelong learners.

DM3:
- To create an inquisitiveness in research with a need based quality training.

DM4:
- To develop highly skilled, vibrant, and exceptionally talented graduates to the industries with a strong ethical foundation.

B.TECH.
INFORMATION TECHNOLOGY

LABORATORIES

- C Programming and Python Programming Laboratory
- Computer Hardware Servicing and Maintenance Laboratory
- IOT Laboratory & Machine Learning Laboratory
- DBMS Laboratory & Data Analytics Laboratory
- Java Programming & Internet Programming Laboratory
- Cloud Computing Laboratory
- DevOps Laboratory
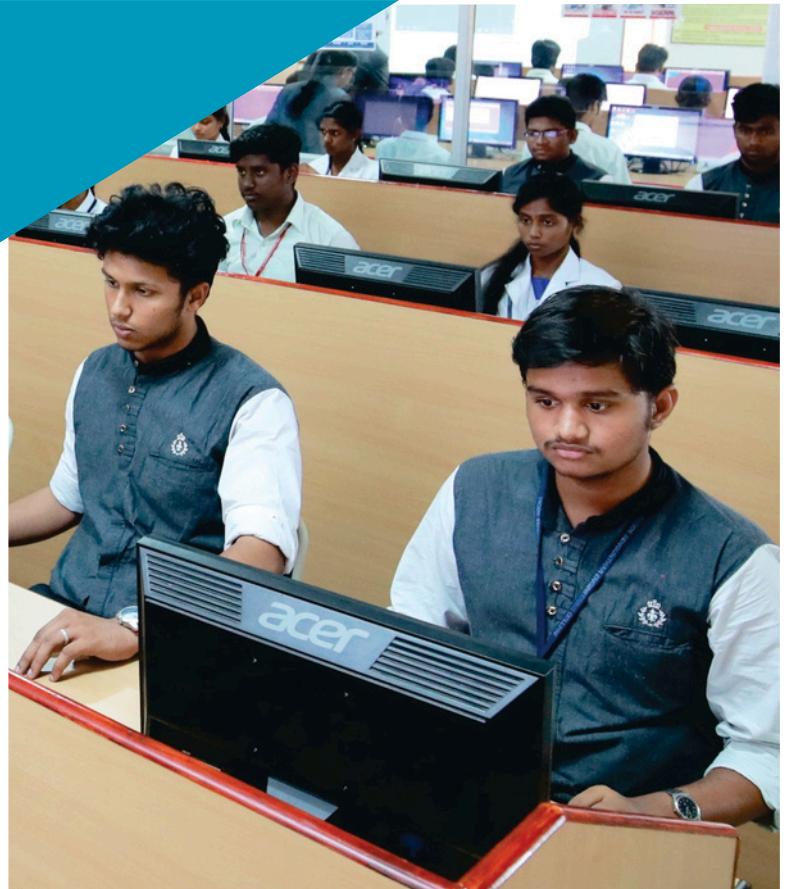
FEATURES

- Accredited by NAAC with 'A' Grade and IE(1), Kolkata
- State-of-art laboratory with 200 Computers Eminent
- and Experienced faculty with Ph.D. Qualification
- Industry Supported Curriculum
- Wi-Fi campus with 300 Mbps internet connectivity
- E-Learning through LMS and Google Class Room
- Value Added Courses like Data Science, Infosys, Oracle and Cisco certification, Information Security Certification etc., to enrich the student placement potential.

- Soft Skills and Continuous Learning through Department Association, CSI and ISTE Chapters
- Extra-curricular activities through various Social Clubs
- Recognized as Advanced Partner College by Infosys
- IIT/IIS professor Video Lectures through IIT Bombay Remote
- Center Industry Projects, Internship. In-Plant Training and Industrial Visit through Industry Institute Partnership Cell (IIPC)

LABORATORY FACILITIES

- The Computer Laboratories are equipped by Apple, HP, Wipro and Acer desktops with latest configuration of Intel Core i7 processor, 16 GB RAM, 1 TB HDD, Printers and Scanner.

FUNDING RECEIVED

Funds received from AICTE, DRDO,CSIR,DST, SERB and TNSCST to establish Research laboratories, research Projects, FDP, Seminar and Workshop.

INTERNSHIP TRAINING

- National Skill Training Institute (foreman), Bangalore
- Advanced Training Institute, Chennai
- Stinsoft
- ABEE Semi- conductors for IoT and AI

MOU's WITH FOLLOWING INDUSTRIES

Infosys · CISCO · Microsoft

INTERNATIONAL CERTIFICATE COURSES

- AWS Cloud certification programme
- CISCO certification
- Infosys InfyTQ Certification Programme
- Data Science Certification
- Information Security Certification
- Oracle Database Administration
- Machine Learning Certification
- IOT Certification
- Blockchain Certification

CENTRE OF EXCELLENCE

StinSoft · INTERNET of THINGS
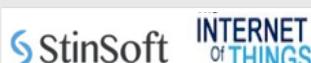
INTERNET OF THINGS LABORATORY

The laboratory has Sensors, Actuators with Development Boards like Arduino, Arduino Mega Uno , Raspberry Pi Zero W and Raspberry Pi 3B+, wireless module such as ZigBee XBee S2C Pro with Basic Hardware Tools and open source software like ThingsBoard.io, Tinkercad.

INDUSTRIAL VISITS

- Infosys Pvt. Ltd.
- UST Global Solutions
- Nitroware Technology Pvt. Ltd.
- Quest Global
- ISRO
- KaaShiv InfoTech
- KNILA IT Solutions India Pvt. Ltd.
- Lyriclious Pvt. Ltd.
- National Small Industries Corporation - Technical Services Centre
- Shiash Info Solutions Pvt Ltd