

OUR STAFF



Dr. (Mrs.) R. Vajubunnisa Begum

ASSOCIATE PROFESSOR & HOD
B.E., M.E., M.C.A, PGDCA, Ph.D.
TOTAL EXPERIENCE : 27 YEARS



Mrs. H. Jasmin

ASSOCIATE PROFESSOR
M.Sc., M.Phil., NET
TOTAL EXPERIENCE : 17 YEARS



Dr. (Mrs.) J. Sherin Percy Prema Leela

ASSISTANT PROFESSOR
M.Sc., M.Phil., Ph.D.
TOTAL EXPERIENCE : 15 YEARS

Mrs. N. Muthulakshmi

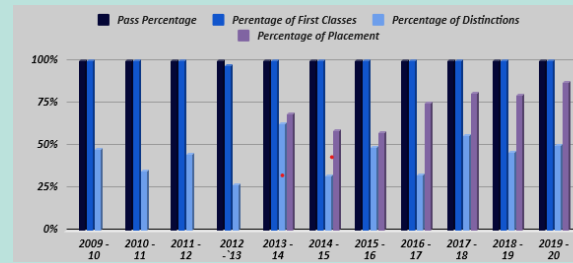
ASSISTANT PROFESSOR
M.Sc., M.Phil., M.E.
TOTAL EXPERIENCE : 23 YEARS



Chennai, Tamil Nadu
Dept. of Electronic science

STRENGTH OF THE DEPARTMENT

Our department's strength is achieving the best results in terms of producing successful graduates and outstanding placements. Our faculty members put in extra effort outside of working hours to achieve this milestone.



OPPORTUNITIES FOR STUDENTS

Higher Studies

- MCA
- M.SC I.T
- MBA
- M.SC Applied Electronics/ Industrial Electronics /Electronics
- B.Ed.

Placement:

Our students are in high demand in the hardware and networking areas of the IT industry, and they are employed by a variety of MNCs, including:

- Accenture
- MMC Infotech
- TCS
- Wipro
- Mr. Cooper
- CTS
- Tech Mahindra
- Cpgemini
- Sutherland
- CAMS
- NETPROS
- VERTEX Solutions
- Miramed Ajuba
- E-CARE INDIA Pvt. Limited
- Tidel Innovations Pvt
- Qspiders

CONTACT US

JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN (AUTONOMOUS)



56, KB Dasan Rd, Teynampet, Chennai, Tamil Nadu 600018



electronicscience@jbascollege.edu.in



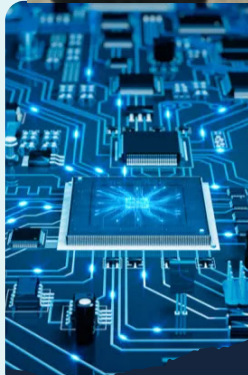
+91 96000 08758 , +91 99405 65234

In the name of Allah, the most Beneficent, the most Merciful



JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN (AUTONOMOUS)

(FORMERLY S.I.E.T WOMEN'S COLLEGE, Estd.1955)
COLLEGE WITH POTENTIAL FOR EXCELLENCE
Re-accredited by NAAC in 2013 with an Outstanding CGPA of 3.61 (Out of 4) at 'A' Grade.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION SCIENCE

About The Department

Electronics today stands at the forefront of the rapidly expanding horizon of Science and Technology. Growth in Electronics has been so phenomenal in all walks of life, making it a very important subject of study. The Department of Electronics Science was established in the year **1996**. It offers UG Degree programme namely **B.Sc., in Electronics and Communication Science** The UG programme has a sanctioned intake of 35 students, who are supported by six capable faculty members. In terms of well-qualified and motivated faculty members who are enthusiastic about delivering **quality education and moulding the younger generation**, the Department boasts state-of-the-art facilities.

Vision

To train and make the students with meritorious in the field of electronics and communication science and self disciplined by hard work

Mission

To develop innovative and simple instructional material to drive the concepts into the minds of the students. Infuse scientific temper in the students and guide them for the upliftment of the employability skills

Subjects Taught

• Core Courses :

Basic Circuit Theory, Electronic Devices, Electronic Circuits, Digital Electronics, Op-amps & Linear Integrated Circuits, Electronics and Biomedical Instrumentation, Principles of Communication Systems, Microprocessor & its applications, Microcontroller & Embedded system, Advanced Communication Systems, 'C' & OOPS concept, and Java Programming

• Elective & Skill based Courses:

Industrial & Power Electronics, Consumer Electronics, Programable Logic Control, Database Management Systems, Data Communication and Computer Networks, Internet of Things, RDBMS in order to develop Industrial and Entrepreneur Applications.

• Project

To highlight all, Project work based on Real time embedded systems which involves Demonstration of Hardware and Software to inculcate the research knowledge among the young minds and also enable the students to face the challenging opportunities in the blooming E-era.

Achievements

Department has been organizing Seminars which provides an active platform for school and college students by motivating and nurturing the technical skills, thereby creating avenue for exhibiting their talents.

- **National Webinar on Data Communication and Artificial Intelligence**
- **International Seminar on Green Technology**
- **National workshop on Fuzzy logic and Arduino**
- **National workshop on PV solar system**
- **State Level Technical Fest**

DEPARTMENT FACILITIES

LABORATORIES

The Department has well equipped and furnished laboratories upgraded time to time to facilitate our students to learn and expertise their skills.

- **Electronic Devices Lab**
- **Electronic circuits Lab**
- **Digital & Linear ICs Lab**
- **Basic Physics Lab**
- **Microprocessor & its applications Lab**
- **Microcontroller Lab.**

VALUE-ADDED PROGRAMME

- **E-Waste Management**
- **Electronic test Instruments**
- **An Embedded System in Internet of Medical Things (IoMedT)**
The Organization National small industries corporation limited, a Government of India enterprise has conducted programs in
- **Advanced embedded systems and calibration techniques**
- **Electronic Assembly and PCB Design**
- **Industrial Application using Embedded Systems and IoT**

The Organization Today's Mobile – MSME, a Government of India has conducted programs in

- **Today's Mobile – MSME, A Government of India.**
- **Laptop Servicing**
- **Cell Phone Servicing**

SKILL BASED

- **Electronics Mechanic**
- **Python Programming**
- **Electrical Appliances**
- **Electrical System**

CERTIFICATE COURSE

- **Industrial applications using Python -Machine Learning**

INNOVATIVE TEACHING AND LEARNING

- **Google Classroom**
- **Smart Board**
- **Experiential Learning**
- **Personality Development Programs**
- **Soft Skill Development Programs**

