



Rayat Shikshan Sanstha's



**SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON
DIST-AHMEDNAGAR - 423601**

DEPARTMENT OF ELECTRONIC SCIENCE

DEPARTMENT AT A GLANCE

VISION

To take an anchoring position as one of the prime Departments of the college in moulding electronic professionals who are ready to face the demands of industrial development and societal commitment.

MISSION

- ▶ To prepare the students to envisage beyond the hypothetical thinking.
- ▶ To introduce students to a new era of acquisition and application of electronics technology to meet the requisition of the changing world.
- ▶ To develop experimental skills among the students to accept the future challenges successfully.
- ▶ To encourage students to implement their knowledge and innovations through projects.
- ▶ To motivates students to get through NET/SET/GATE like examination
- ▶ To practice the students with various industry standard programming environment like VHDL, MATLAB, C and Embedded C.

PROGRAMME OUTCOMES

- ▶ Apply the knowledge of Mathematics, Science and Engineering necessary to solve complex design problems.
- ▶ Identify, Formulate, and analyze real life engineering problems and provide solutions which are cost effective, and designed specifically to meet the needs of society.
- ▶ Design electronic circuits & systems, conducts experiment, analyze & interpret the data.
- ▶ Use modern engineering tools, software & equipment's to analyze problems and design components.

ESTABLISHMENT DETAILS

- ▶ Undergraduate: June 1985

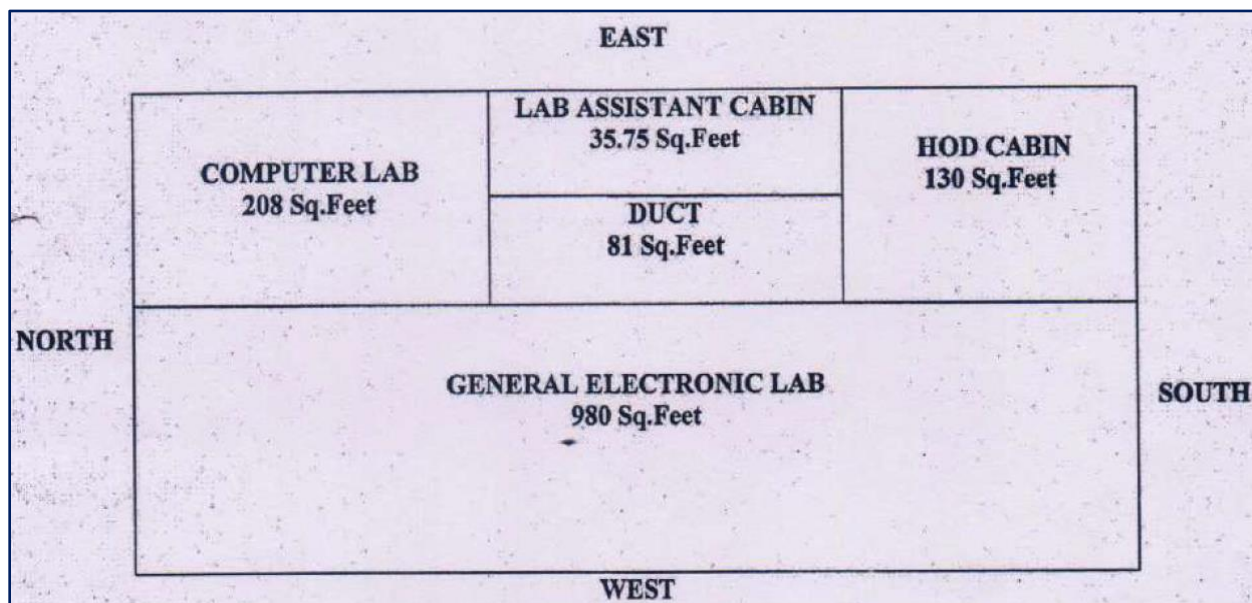
COURSES OFFERED

Sr. No.	Name of course	Duration	Intake capacity
1	B.Sc. (CBCS)	3 Years	120
2	Short Term Course	3 Months	20

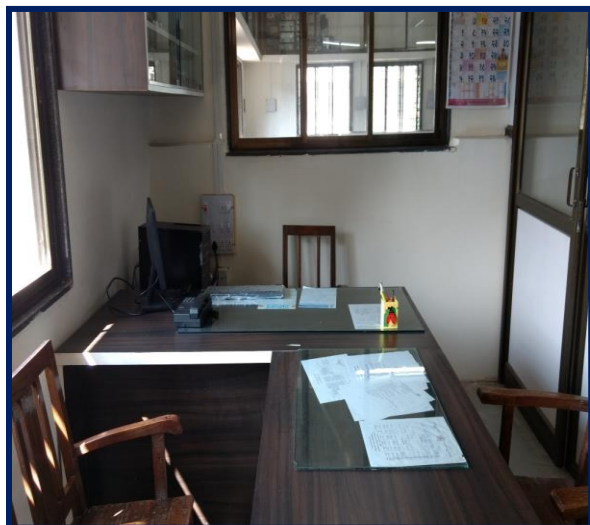
FACILITIES GIVEN TO THE STUDENTS

- ▶ Well-equipped electronic science laboratory
- ▶ Computer laboratory
- ▶ Microcontroller programming
- ▶ Programming software: VHDL, MATLAB, VERILOG, P-SPICE, C, C++, MPLAB, Circuitmod, Proteus, Keil, LTSPICE, AVR studio, Raspberry pi, Xilinx, Multisim, Arduino.
- ▶ Free internet access
- ▶ Departmental library
- ▶ Book bank facility

LAYOUT OF THE DEPARTMENT



INFRASTRUCTURE OF DEPARTMENT



INSTRUMENTS

Sr. No.	Name of the instrument	Quantity
1.	No. of Computers	12
2.	No. of Laptops	01
3.	No. of Printers	04
4.	No. of Scanners	03
5.	No. of LCD Projectors	02
6.	No. of Smart Interactive Boards	01
7.	CRO	08
8.	DSO	03

9.	Function generator	05
10.	Power supplies	10
11.	Microcontroller Kits	04
12.	Fiber Optic Test Bench	01
13.	Four Probe & Hall Effect Setup	02
14.	Electronic Practical Kits	90
15.	Digital Multimeters	10