

# *Departmental Annual Report*

## 2023-24

**Department of Electronics**



**Shri Shivaji Education Society, Amravati's**

**SCIENCE COLLEGE**

**Congress Nagar, Nagpur-12 (M.S.), India**



*Shri Shivaji Education Society Amravati's*  
**SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR**

**DEPARTMENT OF ELECTRONICS**

**Annual Report**

**2023-2024**

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur is one of the 300+ institutions run by the Parent Society which was started in the year 1960. The college has started **Electronics** as one of the subject at B.Sc. (UG) level and there by Department of Electronics came into existence in the academic year 1984-85 with intake of 40 students at entry level. During the course of time the Department is augmented with 3 full time faculties with 1 contributory and 2 laboratory attendants.

In order to have a better interaction among students of the department and the staff, Electronics Society was formed in the session 1998-99. The Electronics Society aims at arranging seminars, guest lecturers, group discussions, quiz contests, student seminars etc. The students are continuously monitored for their academic as well as personality developments

The Department is recipient of a special UGC grant of Rs. 5 Lac under the scheme of restructuring of courses and other Rs. 5 Lac received for '**A College with Potential for Excellence**' under the scheme of promotion for Basic Science Research (BSR) during the academic sessions 1984-85 and 2008-2009, utilized for the infrastructural developments and enrichment of the laboratory. The department has permanent affiliation with Rashtrasant Tukadoji Maharaj Nagpur University since 1994.

**COURSE INTRODUCTION:**

Our college is popular for imparting quality education in Science stream coupled with human values. Ours is the first college in RTM Nagpur University to introduce Electronics as one of the technological subject at UG level to cater the need of students in Vidarbha region.

**PROGRAM FOR UG: BACHELOR OF SCIENCE (B.Sc.)**

- PEM (Physics, Electronics and Mathematics)
- ECsM (Electronics, Computer Science and Mathematics)

**TEACHING STAFF:**

Sr. No.	Name of Faculty Member	Designation	Highest Qualification	Teaching Experience
1	Dr. J. K. Keche (Coordinator)	Asst. Professor	M.Sc.,MCA, M.Phil., Ph.D.	22

**TEACHING STAFF (Adhoc/CHB):**

Sr. No.	Name of Faculty Member	Designation	Highest Qualification	Teaching Experience
1	Mrs. Pragati A. Bire	Asst. Professor	M.Sc., B.Ed.	10
2	Ms. Raksha R. Pali	Asst. Professor	M.Sc., B.Ed.	3
3	Mrs. Sonali A. Sagdeo	Asst. Professor	M.Sc., B.Ed.	7

**ADMINISTRATIVE & TECHNICAL STAFF:**

Sr. No.	Name of Staff Member	Designation
1	Shri Vitthal K. Zalke	Laboratory Attendant
2	Shri Bablu P. Patil	Peon

**STUDENTS ENROLLMENT:**

Sr. No.	Class	Students Enrolled
1	B.Sc. I [PEM-11, ECsM-32]	43
2	B.Sc. II [PEM-16, ECsM-18]	34
3	B.Sc. III [PEM-21, ECsM-26]	47

**STAFF ACTIVITIES:****1. Dr. J. K. Keche**

- Coordinator of the Department
- Convener of NIRF/AISHE/MIS Committee
- Convener of E-LEARNING RESOURCES

- Member of Criteria-II (Teaching, Learning and Evaluation)
- Member of Feedback Cell Committee
- Member of Internal Examination & Results Committee
- Students Satisfaction Survey (SSS)
- Teacher-Mentor of B. Sc. II (ECsM/M10 Batch)

## 2. Mrs. Pragati A. Bire

- Secretary of Electronics Society
- Member of Result Analysis Committee

## 3. Ms. Raksha R. Pali

- Member of Result Analysis Committee
- Teacher-Mentor of B. Sc. I (PEM/M3 Batch)

## 4. Mrs. Sonali A. Sagdeo

- Member of Result Analysis Committee

### Result Analysis (Winter-2023)

Sr. No.	Class	No. of students appeared	Number of students passed	Pass Percentage
1	B.Sc. Sem-I	39	23	58.97%
2	B.Sc. Sem-III	41	37	90.24%
3	B.Sc. Sem-V	37	28	75.67%

### DEPARTMENTAL ACTIVITIES FOR STUDENTS:

- Organized one day **Study Tour/Industrial visit at RMC** (Regional Meteorological Center) located near Babasaheb Ambedkar Airport, Nagpur on 31.01.2024.
- Organized Guest Lecture on “**Cyber Jagruti**” by By Dr. Navin M. Punjabi, Vice Principal, HR College of Commerce & Economics, Mumbai; Member, Board of Governance, and Member, Academic Council, HANC University, Mumbai on 13.02.2024.
- Organized Online Quiz on “**Basic Electronics & ‘C’ Programming**” for UG students on 20.05.2024.

### STUDENTS ACTIVITIES:

- College Seminar/Group Discussion
- MCQ Tests
- Lecture series

- Learning from online NPTEL videos
- Participation in NSS/NCC activities
- Participation in Social activities

**Our graduates will .....**

- ✓ Realize their goal and aspirations.
- ✓ Possess essential attributes, knowledge and skills.
- ✓ Contribute positively to and compete in Society.
- ✓ Exercise citizenship rights and responsibilities.

Dr. J. K. Keche  
Coordinator,  
Department of Electronics