

# *Departmental Annual Report*

## *2019-20*

*Department of Electronics*



**Shri Shivaji Education Society, Amravati's**  
**SCIENCE COLLEGE**  
Congress Nagar, Nagpur-12 (M.S.), India



# DEPARTMENT OF ELECTRONICS

Prof. S.M. Ghatole

## ABOUT DEPARTMENT

Shri Shivaji Education Society, Amravati's Science College, Nagpur is one of the 303 institutions run by the Parent Society which was started in the year 1960. The College has started **Electronics** as one of the subjects at B. Sc. (UG) level and thereby **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.

The Department has well experienced teaching faculty. They are working hard in designing and fabricating the experimental modules in the laboratory, in turn saved huge amount of expenditure on readymade experimental modules. They also supports to College Administrations for the benefit of the students and society through different activities. The Department is recipient of a special UGC grant of Rs. 5 Lac under the scheme of restructuring of courses and other Rs. 5 Lacs 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 Nagpur University to introduce Electronics as one of the recent and technological subjects at UG level to cater the need of students in Vidarbha region.

## PROGRAMME FOR UG: BACHELOR OF SCIENCE (B. SC.)

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

## TEACHING STAFF

Sr. No.	Name of Faculty Member	Designation	Qualification
1.	Dr. Suresh M. Ghatole	Associate Professor & Head	M. Sc. Ph. D.
2.	Dr. Mahesh J. Hedau	Associate Professor	M. Sc. Ph. D.

## NONTEACHING STAFF

Sr. No.	Name of Nonteaching Staff Member	Designation
1.	Mr. Vithhal K. Zalke	Laboratory Attendant
2.	Mr. Bablu P. Patil	Peon

## STUDENT'S ENROLLMENT

Sr. No.	Class	Students Enrolled
•	B. Sc. I	54
•	B. Sc. II	50
•	B. Sc. III	43

## STAFF'S ACHIEVEMENT

### **1. Dr. S. M. Ghatole**

**He has been awarded Ph. D. by Rashtrasant Tukadoji Maharaj Nagpur University under the guidance of Dr. Pradeep B. Dahikar, Vice Principal, Head & Associate Professor, Kamla Nehru Mahavidyalaya, Nagpur.**

- Member of IQAC
- Convener of NAAC Criterion-VI
- Member of Prospectus Committee
- Member of Academic Planning Committee
- Convener of Value Addition Committee

He has published 2 research papers at National level and 4 at International level in reputed Journals and participated in various National/International Conferences/Seminars/Workshops during the session 2019-2020.

## 2. Dr. M J Hedau

- Convener of IQAC
- Member of Prospectus Committee
- Member of Academic Planning Committee
- Member of UGC Scheme: Paramarsh

He has published 4 research papers at International level in reputed Journals and participated in various National/International Conferences/Seminars/Workshops during the session 2019-2020.

Mr. Sagar S. Shende has Submitted thesis for the award of Ph. D. to Rashtrasant Tukadoji Maharaj Nagpur University under his guidance.

## RESULTS SUMMER 2019

Sr. No.	Class	Result in Percent
1	B. Sc. I : Semester II	89.79
2	B. Sc. II : Semester IV	97.50
3	B. Sc. III: Semester VI	100.00

## STUDENT'S ACTIVITIES

In addition to regular activities, online activities conducted due to COVID 19 pandemic problem all over the World and in Maharashtra from 14<sup>th</sup> March 2020 till end of the session. The activities executed through Whatsapp, U tube, Zoom, Google test, Webex, etc.

- Guest Lecture on Fuzzy Logic by Dr. R. R. Mudholkar (August 24, 2019).
- Webinar on Microcontroller and its Applications by Dr. P. T. Karule (May 14, 2020).
- Seminar
- Group discussion
- Objective Tests
- Lecture series
- Participation in NSS/NCC activities
- Participation in 'Yuva Mahotsava'
- Participation in Social activities

Our Graduates will.....

- Realize their goals and aspirations
  - Possess essential attitudes, knowledge and skills
  - Contribute positively to and compete in society
  - Exercise citizenship rights and responsibilities
  - Master subjects without need for remediation
- ...further their education and pursue careers around the world.

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