

# Departmental Annual Report

## 2020-21

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  
Head

"Let other Universities devote money and energies to production of only supermen. Let my Universities and Lokvidyapitha strive to make useful, patriotic men and women out of ignorances, filth, poverty and misery in the heavy darkness of India."

Dr. Panjabrao Deshmukh

### \* 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 1984.

### \* 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  | Professor & Head | M.Sc. Ph.D.   |
| 2       | Dr. Mahesh J. Hedau    | Professor        | M.Sc. Ph. D.  |

### Nonteaching Staff

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

### Student's Enrollment

| Sr. No. | Class     | Students Enrolled |
|---------|-----------|-------------------|
| 1       | B.Sc. I   | 62                |
| 2       | B.Sc. I   | 52                |
| 3       | B.Sc. III | 59                |

### Staff's Achievement

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

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

He has published 3 research papers at International level in reputed Journals and participated in various National/ International Conferences/Seminars/Workshops during the session 2020-2021.

#### 2. Dr. M J. Hedau

- \* Convener of IQAC
- \* Member of Prospectus Committee
- \* Member of Academic Planning Committee

He has published 3 research papers at International level in reputed Journals and participated in various National/ International Conferences/Seminars/ Workshops during the seesion 2020-2021.

#### \* RESULTS WINTER 2020

| Sr. No. | Class                   | Result in Percent |
|---------|-------------------------|-------------------|
| 1       | B.Sc. III : Semester V  | 100.00            |
| 2       | B.Sc. II : Semester III | 100.00            |
| 3       | B.Sc. I : Semester I    | Awaited           |

#### \* 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 2020-21. The activities executed through LMS, Whatsapp, U tube, Zoom, Google test, Webex, etc.

- \* MOU with D.B. Science College Gondia.
- \* Guest Lecture on Microcontroller by Dr. J.G. Mahakhode (March 20, 2021)
- \* Seminar/Group discussion
- \* MCQ Tests
- \* Lecture series
- \* Participation in NSS/NCC activities
- \* 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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