

# *Academic Audit Report For Academic Year*

## **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**  
*Internal Quality Assurance Cell*

**DEPARTMENT OF ELECTRONICS**

**INTERNAL ACADEMIC AUDIT**

**2023-2024**

1. A. Faculty Strength:

Faculty	Recruited	Vacant	Remarks
Regular (B.Sc.)	00	03	NIL
CHB	01	00	NIL
Adhoc(BSc)	02	NIL	NIL
Non-teaching	02	NIL	NIL

B. Faculty Profile

Name	Highest Qualification	Designation	Specialization	Teaching Experience
Mrs. P. A. Bire	M.Sc., B.Ed.	Asst. Professor	-	10
Ms. R. R. Pali	M.Sc., B.Ed.	Asst. Professor	-	3
Mrs. S. A. Sagdeo	M.Sc., B.Ed.	Asst. Professor	-	7

2. Student's Strength

Year	Group	Number of Students Admitted
B.Sc. Semester I	ECsM	32
	PEM	11
	<b>Total</b>	<b>43</b>
B.Sc. Semester III	ECsM	18
	PEM	16
	<b>Total</b>	<b>34</b>
B.Sc. Semester V	ECsM	26
	PEM	21
	<b>Total</b>	<b>47</b>
M.Sc. Semester I		

M.Sc. Semester III		
Ph.D.		
Value Added Program		

P. G. STUDENT INDUCTION PROGRAMME	No
ACADEMIC PLANNINGS	Yes
BRIDGE COURSE TAUGHT	Yes
REMEDIAL COURSE TAUGHT	Yes

### 3. Student Performance

#### A. Result Analysis (Winter 2023) UG & PG

Programme Name	Number of students who appeared in the final year examination	Number of students who passed in final year examination	Pass Percentage
B.Sc. I	39	23	58.97%
B.Sc. III	41	37	90.24%
B.Sc. V	37	28	75.67%

#### A. Result Analysis (Summer 2024) UG & PG

Programme Name	Number of students who appeared in the final year examination	Number of students who passed in final year examination	Pass Percentage
B.Sc. II	39		
B.Sc. IV	41		
B.Sc. VI	37		

#### B. Achievements

##### A- (Medals/Awards/Prizes at University level)

Sr. No.	Name of the Students	Class	Title
1	Nil	-	-

#### Merit Position of UG Students in RTMNU

Sr. No.	Name of the Students	Merit Position

4. Student's Progression:

No. of students enrolling in higher Education	Name of institution joined	Name of program admitted to
UG to PG (2 Students)	-	
PG to Research	-	
Placement		
On-Campus		
Off-Campus	-	

(i) Students' publication in Conferences/ Journals:

Title of the Paper	Name of Author	Title of journal	Year of publication

(ii) Students' participation in Seminar / Conferences:

Sr. No.	Name of Students	Conference type	Participation as
1.	1. BALAPURE PARI GAJANAN	College Seminar	Seminar Presentation & Attending seminar
	2. BANSOD NIKHIL MILIND		
	3. BHIWGADE SHRINAY YOGESH		
	4. DHADSE VAISHNAVI VIJAY		
	5. DHAKATE SAKSHI PRAMOD		
	6. JADHAV AASTHA SANJU		
	7. JOSHI ARTI SUBHASH		
	8. KHAPRE MUSKAN PRAKASH		
	9. LODHIKAR ANJALI NANESHWAR		
	10. MESHARAM NISHANT D.		
	11. MESHARAM ROSHNI SHRIHARI		
	12. MISAR KHUSHI MANOJ		
	13. MISHRA MAHEK PRAMOD		
	14. PATEL LOKESH SHRINIWAS		
	15. PATHAK MUSKAN VINAY		
	16. SATHWANE S. RAJENDRA		
	17. SHARMA SNEHA R.		

	18. SIRSAT VIKRANT DEVENDRA		
	19. SONPIMPALE YASH ARVIND		
	20. WAGH SARANG VILAS		
	21. ZADE GAURI MUKESH		
	22. AMBEKAR NIHARIKA MAHESH		
	23. BARAI YOGESHREE D,		
	24. BARAMATE KHUSHI S.		
	25. BARAPATRE ANIKET P.		
	26. DANGE PRATIKSHA BABAN		
	27. DESHBHRATAR PARMITA S.		
	28. DOKWAL SHREYA NARENDRA		
	29. GUMGAONKAR PRATHMESH D.		
	30. JADHAV AKSHATA SUNIL		
	31. JIBHAKATE VAIDEHI SUNIL		
	32. KHIANI VISHAKA MANGHANLAL		
	33. KIRPAN AKANKSHA K.		
	34. KOICHE PRIYANSH BABURAO		
	35. LANJEWAR SAKSHI MOTIRAM		
	36. MAKODE HARSHU CHANDU		
	37. PATIL RUDHALI RAMESH		
	38. RANGARI HARSHAL BHOJRAJ		
	39. RAO KIRAN SHANTA		
	40. SAMARTH SHRUTI SUNIL		
	41. SANGITRAO VIPUL DIPAK		
	42. SONTAKKE NUPUL MAHENDRA		
	43. TAKALKHEDE DISHA SUNIL		
	44. TAMBUSKAR RUSHIKESH S.		
	45. THAKRE KRUTIKA NIRAJ		
	46. UPRADE SAUMYA FULSING		
	47. WAKDE SANCHIT C.		

(iii) Students' Extension Activity/ Extracurricular activity

Sr. No.	Name of the activity	The number of students who Participated
1.	NSS	09
2.	NCC	04
3.	125 <sup>th</sup> Bhausaheb Jayanti Utsav-2023	08

**List of NCC & NSS Students**

Sr. No.	Name	Class	NCC/NSS
1	Sheetal Singh	BSc-II PEM	NCC
2	Shivani Sharma	BSc-II PEM	NCC
3	Sakshi Dhakate	BSc-III PEM	NCC
4	Muskan Pathak	BSc-III PEM	NCC
5	Ajay Ahirwar	BSc-I ECsM	NSS
6	Vishal V. Mondhe	BSc-II PEM	NSS
7	Dhiraj R. Hedau	BSc-II PEM	NSS
8	Shreya T. Bagde	BSc-II ECsM	NSS
9	Abhishakti Ghugal	BSc-II ECsM	NSS
10	Ujwal Mankar	BSc-II ECsM	NSS
11	Shruti Samarth	BSc-III PEM	NSS
12	Aniket Barapatre	BSc-III ECsM	NSS
13	Sneha Sharma	BSc-III PEM	NSS

(iv) Participation of Students in online/MOOCs courses/ NPTEL/ SWAYAM

Sr. No.	Name of the Students	MOOCs / NPTEL/ SWAYAM
1	Shreya N. Dokwal	NPTEL
2	Vipul D. Sangitrao	SWAYAM
3	Vishaka M. Khaini	MOOCs
4	Tamanna V Yadav	SWAYAM
5	Janhvi Pandhari Kanher	NPTEL
6	Sanchit C. Wakde	NPTEL

## 5. Faculty

### I. Research Paper Publications : -

#### A. Total Number of publications : -

i) International : -

ii) National : -

#### B. Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Sr. No.	Name of Author	Title of the Paper	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citation

#### C. Faculty participation in conferences/seminars/workshops and symposia:

Sr. No.	Name of the Faculty	Title of Conference/ Seminar / workshop Attended	Period	Level International/ National/State /University /College	Whether Presented papers	Whether abstract /paper published In Souvenir/Abs tract Book
1.						
2.						

#### D. Awards to Faculty members

Name of Teacher	Title of the Award	Title of Agency/ Conference	National / International
-	-	-	-

#### 6. Number of functional MoUs with institutions, other universities, industries, corporate houses, etc. during the year

The organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers who participated under MoUs

7. Research funds sanctioned and received from various agencies, industries and other organizations

Nature of the Project	Duration	Name of funding Agency	Amount Sanctioned	Amount Received
-	-	-	-	-

8. Books Published

	Book		Book Edited
	Title	ISBN and Date	Chapter

9. Research Guidance by Faculty during the year

Name of the guide	Ph.D		
	Awarded	Submitted	Registered

10. Generation of funds through internal and external sources such as donations, consultancy, Self-financing courses and so on.

Name of the nongovernment funding agencies/ individuals/ self-financing courses /consultancy service.	Purpose of the Grant/Fund	Fund generated in rupees.

11. Alumni Engagement

a. Contributes significantly to the development of the institution through financial and other supports.

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## 12. Action Plan of the Department

1. To recommended for the recruitment of the faculty members.
2. To start Certificate course in Electronics Technology.
2. To conduct Seminar Presentation for Final Year students.
3. To conduct students interaction with Resource Person / Expert faculty.

## 13. Best Practices of the department

- The faculty members of the department always encourage the students to appear various Competitive UPSC, MPSC and Entrance Examinations at State & National Level.
- The faculty members provide complete information and guidance about higher studies, job oriented courses and other opportunities for Electronics students.
- ICT based Teaching–Learning environment.
- Hands on training.
- Extra classes will be engaged for clearing the doubts.

## 14. SWOT Analysis

### **Strength:**

1. Dynamic and Encouraging Principal and Democratic Management.
2. Well furnished Department and Laboratory.
3. Good communication between teaching & non teaching staff.
4. Safe and secure environment for co-education with value addition.
5. Management of Electronics Subject Society by the Student..
6. Parent-Teachers interaction is encouraging and mentoring.
7. Internet, WiFi and ICT facilities available.

### **Weakness:**

1. Lack of qualified faculty.
2. Less percentage of campus recruitment.

### **Opportunities:**


1. Science culture and Scientific / technological approach.
2. Regular Internal Assessment by conducting Unit Test and home assignment
3. Remedial teaching is provided to weak students.
4. Training and Placement Cell in the college.
5. Career and Counseling Guidance Cell for Competitive examination.
6. Internet and Digital Library in the college.
7. ICT based culture enhancement.

8. MahaDBT, NSP, Dr. Punjabrao Deshmukh Scholarship for needy students.
9. INSPIRE scholarship for advance learner.

**Challenges:**

1. Unemployment problem due to lack of Industrial zone.
2. Declining interest in pure and basic science subjects.
3. To improve the course curriculum as per the New Education Policy (NEP).
4. Students counselling for the admission in Electronics as a Major subject (NEP-2020) from the next session.

Date: 10.05.2024

  
**Dr. J. K. Keche**  
Signature of Coordinator  
**Coordinator**  
**Department of Electronics**  
**SSEA's Science College,**  
**Congress Nagar, Nagpur-12**

S. S.E. S. Amravati's Science College, Congress Nagar, Nagpur

**Analysis of University Result 2023-24 (Winter-2023)**

**DEPARTMENT OF ELECTRONICS**

**(B.Sc. Sem. I/III/V)**

Sr. No.	Class/ Semester	Total No. of Students Appeared for Exam.			Total No. of Students Passed			Passed Percentage		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	Sem-I	20	19	39	10	13	23	50.00	68.42	58.97
2.	Sem-III	13	28	41	12	25	37	92.30	89.28	90.24
3.	Sem-V	16	21	37	13	15	28	81.26	60.00	75.67

  
Signature of Coordinator  
**Coordinator**  
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**SSEA's Science College,**  
**Congress Nagar, Nagpur-12**

**Analysis of University Result 2023-24 (Winter-2023)**

**Teacher wise Result**

**DEPARTMENT OF ELECTRONICS**

**(B.Sc. Sem. I/III/V)**

**B)**

Sr.No.	Name of Teacher	Class/Sem	Paper	Appeared	Passed	Passed Percentage
1.	Mrs. Pragati A. Bire	Sem-I	I	39	22	56.41
2.	Ku. Raksha R. Pali		II	40	29	72.5
1.	Ku. Raksha R. Pali	Sem-III	I	42	38	90.47
2.	Mrs. Sonali A. Sagdeo		II	41	36	87.80
1.	Mrs. Pragati A. Bire	Sem-V	I	37	26	70.27
2.	Mrs. Sonali A. Sagdeo		II	37	29	78.37

  
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