

Academic Audit Report For Academic Year

2021-22

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

2021-2022

1. A. Faculty Strength:

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

B. Faculty Profile

Name	Highest Qualification	Designation	Specialization	Teaching Experience
Prof. S. M. Ghatole	M.Sc., Ph.D.	Professor and Head	Biomedical Instrumentation	35
Prof. M. J. Headu	M.Sc., Ph.D.	Professor	Processor Designing	34

2. Student's Strength

Year	Group	Number of Students Admitted
B.Sc. Semester I	ECsM	30
	PEM	25
	Total	55
B.Sc. Semester III	ECsM	34
	PEM	27
	Total	61
B.Sc. Semester V	ECsM	31
	PEM	22
	Total	53

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	No

3. Student Performance

A. Result Analysis (Winter 2021) UG & PG

Programme Name	Number of students who appeared in the examination	Number of students who passed in examination	Pass Percentage
B.Sc. I	55	55	100%
B.Sc. III	61	61	100%
B.Sc. V	53	53	100%

A. Result Analysis (Summer 2022) UG & PG

Programme Name	Number of students who appeared in the examination	Number of students who passed in the examination	Pass Percentage
B.Sc. II	55	55	100%
B.Sc. IV	61	61	100%
B.Sc. VI	53	53	100%

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
1	Ku. Vishakha M. Khiani (B.Sc. Sem-I)	83.84%	5 th Rank in College (W-2021 exam)

2	Ku. Aishwarya K. Raut (B.Sc. Sem-V)	90.88%	4 th Rank in College (W-2021 exam)
---	--	--------	---

4. Student's Progression:

No. of students enrolling in higher Education	Name of institution joined	Name of program admitted to
UG to PG (3 Students)	1. G.H. Rasoni College	MCA
	2. Shivaji Science College, Nagpur	MCA
PG to Research	-	
Placement		
On-Campus		
Off-Campus	5	

(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.			
2.			
3.			

(iii) Students' Extension Activity/ Extracurricular activity

Sr. No.	Name of the activity	The number of students who Participated
1.	Online activity conducted due to COVID-19 pandemic situation	All the students
2.		
3.		

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

Sr. No.	Name of the Students	MOOCs / NPTEL/ SWAYAM

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/Abstract Book

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.

12. Action Plan of the Department

1. To conduct Quiz competition and Workshop.
2. To Conduct Guest Lecture/Seminar.

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 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.

14. SWOT Analysis

Strength:

1. Dynamic and Encouraging Principal and Democratic Management.
2. Well furnished Department and Laboratory.
3. Safe and secure environment for co-education with value addition.
4. Students managed Electronics Subject Society.
5. Parent-Teachers interaction is encouraging and mentoring.
6. Internet, WiFi and ICT facilities available.

Weakness:

1. 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. Training and Placement Cell in the college.
4. Career and Counseling Guidance Cell.
5. Internet and Digital Library in the college.
6. ICT based culture enhancement.

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 NEP-2020.

Date: 29.03.2022



Prof . S. M. Ghatole

Professor & Head
Department of Electronics,
Shri Shivaji Science College,
Congress Nagar, Nagpur.