

*Shri Shivaji Education Society Amravati's*  
**Science College, Congress Nagar, Nagpur**

*Internal Quality Assurance Cell*

DEPARTMENT OF ZOOLOGY

**INTERNAL ACADEMIC AUDIT**

**2021-2022**

1. A. Faculty Strength:

<b>Faculty</b>	<b>Recruited</b>	<b>Vacant</b>	<b>Remarks</b>
Regular	04	00	
CHB	-	-	-
Ad-hoc	01	-	-
Non-teaching	03	02	Two daily wages are working

B. Faculty profile

<b>Name</b>	<b>Highest Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>Teaching Experience</b>
Atul D. Bondey	Ph.D,	Professor	Mammalian Reproductive Physiology	31
Ms. Sharyu V. Ghonmode	Ph.D,	Associate Professor	Entomology	20
Mrs. Seema G. Kadu	Ph.D,	Asstt. Professor	Entomology	09
Mrs. Rupali A. Patil Bhagat	Ph.D,	Asstt. Professor	Animal Physiology	03

2. Student's strength

<b>Year</b>	<b>Group</b>	<b>Number of Students Admitted</b>
B.Sc. Semester I	CBZ	53
	CZM	38
		Total - 91

B.Sc. Semester III	CBZ	49
	CZM	42
B.Sc. Semester V	CBZ	44
	CZM	30
M.Sc. Semester I		
M.Sc. Semester III		
Ph.D.		
Value Added Program		

### 3. Student Performance

#### A. Result Analysis (Winter 2021) 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. Semester I	89	89	100%
B.Sc. Semester III	82	81	98.09%
B.Sc. Semester V	75	75	100%

#### B. Result Analysis (Summer 2022) 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. Semester II	78	78	100%
B.Sc. Semester IV	85	85	100%
B.Sc. Semester VI	72	72	100%

C. Achievements

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

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

B- Merit Position of UG Students in RTMNU

Sr. No.	Name of the Students	Merit Position
1	Ku Vinita Rajendra Tijare	5 <sup>th</sup> Merit

C- Merit Position of PG 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	02	M.Sc. Zoology
PG to Research	00	-
Placement	00	-
On-Campus	00	-
Off-Campus	00	-

(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
	Nutrition Week Celebration	55
	Wildlife week Celebration	95

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

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

Title of the Paper	Name of Author	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:

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
Dr. S.V.Ghonmode	1) 5 <sup>th</sup> International Conference on Science and Technology for Society ICSTS-2022	19-20 June 2022	International	No	Abstract published in Souvenir
Dr. S.V.Ghonmode	2) National conference on "Basics and Advances in Biological Sciences"	8-9 April 2022.	National	No	Abstract published in Souvenir

Dr. S.G. Kadu	International Multidisciplinary e-Conference & On Impact of Covid-19 on Various Areas. Dated- 19 July 2021	19/07/2021	International :- Organized Chintmani Shikshan Prasarak Mandal, Ballarpur Gondwana University	Yes-Poster	Abstract book
	International Conference on Science and Technology for Society, ICSTS-2022 ON DATE -19-20 June 2021.	19-20 June 2021	Organized by VMS Research Foundation	Yes - Poster	Abstract book
Dr. Rupali Patil Bhagat	1) Indian Knowledge Systems: A Holistic Approach Towards Life	12/9/2022	UGC-HUMAN RESOURCE DEVELOPMENT CENTRE RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR UGC SPONSORED ONLINE WORKSHOP National Education Policy 2020		
	2) RESEARCH IN SCIENCE & TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT	23 Mar 2021	NATIONAL MULTIDISCIPLINARY E-CONFERENCE		FDP
	4) College work administration E-Management utility	from 23rd May 2022 (1 Week)	National Level Workshop		
	5) MUTLIFUNCTIONAL ADVANCED MATERIALS	2Days ( 9th and 10 <sup>th</sup> Aug 2021	VIRTUAL INTERNATIONAL CONFERENCE		

6) Transdisciplinary International Conference on Integrated Approach in S & T for Sustainable Future (ICIASTSF) - 2022	2Days (26- 27 Feb February 2022.	International Conference		
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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
Prof. A.D.Bobdey	-	-	02
Dr. Ms. S.V.Ghonmode	-	-	01
Dr. Mrs. S.G. Kadu	-	-	01

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 Organize International conference at abroad in collaboration with reputed institutions during vacation
2. To start P.G. courses in the department
3. To start Skill base courses in zoology
4. To increase meritorious and distinction holders in the subject
5. To submit minor and major project proposals
6. To increase research publications in the department
7. To publish books
8. To create innovations in teaching learning and evaluation
9. To organize Maximum guest lectures of eminent personalities
10. To supervise more Ph.D. Students
11. To organize student workshop
12. To organized photography / quiz competition
13. To Organize health aware programmes for girl students
14. To organized study tours.

### 13. Best Practices of the department

\*Birthday celebration of the students under teacher mentor scheme

\*Free Snacks and Tea distribution stall for pilgrims of Dikshaw Bhoomi during Dhamma chakra pravartan din festival in Nagpur.

### 14. SWOT Analysis

1. SWOC analysis of the department

### **Strength**

- Qualified, Competent and Experienced Staff.
- Encouraging Principal and Management
- Committed non- teaching staff.
- Disciplined and hard working students.
- Well furnished and equipped Department
- Sophisticated laboratory equipments.
- Parent teacher interaction is encouraging
- Intercom and internet facilities available.
- Visit to scientific laboratory and excursion tours to various localities.
- Departmental library.
- Regular evaluation of students.
- Modern teaching aids.

### **Weakness**

- Average students seek admission in the subject.
- Less employment opportunity.
- Lack of job oriented competitive exam syllabus.
- Slow economic and industrial growth of Nagpur region.

### **Opportunities**

- Remedial teaching is provided to slow learners and economically weak students.
- Employment potential in Forest department,, NMC Nagpur etc.
- Training and placement cell in college.
- Student faculty exchange programme.
- Seminars, workshop, conferences, inter collegiate competition, science exhibition, visit to scientific laboratories and various localities.
- Research guidance facility available to students.

### **Challenges**

- Declining interest of the students in basic science subject.
- Mushrooming of Professional colleges.

### **Future plans:**

15. To Organize International conference at abroad in collaboration with reputed institutions during vacation
16. To start P.G. courses in the department
17. To start Skill base courses in zoology
18. To increase meritorious and distinction holders in the subject
19. To submit minor and major project proposals
20. To increase research publications in the department
21. To publish books
22. To create innovations in teaching learning and evaluation
23. To organize Maximum guest lectures of eminent personalities
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26. To organized photography / quiz competition
27. To Organize health aware programmes for girl students
28. To organized study tours.

Date: 24/04/21

Head of the Dept.



Dr. A. D. Bobdey  
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