

DEPARTMENT OF ZOOLOGY

ANNUAL REPORT 2023-2024

Zoology department has organized various academic activities for the students and research and extension activities during term 2023-2024.

Staff Achievements:

Research activities-

- Staff members of the department presented research papers in national and International conferences.
- Prof. A.D.Bobdey has published one research paper in scopus journal
- Prof. Ms. S.V. Ghonmode has got one Indian patent
- Prof. A. D. Bobdey has published 02 books -1 reference book with ISBN. "Food Science and Technology) and 1 text book "ZOOLOGY FOR B.SC. STUDENTS)
- Dr. A.D.Bobdey is working as a executive editor of International Peer Reviewed Journal of VMS society Nagpur, "IJRBAT"
- Prof. A. D. Bobdey has taken part in NGO Academic & Research activity of Bhartiya Shikshan Mandal, As a Head of Senior college research Cell, Vidharbha districts.
- Dr. Ms. S. V. Ghonmode has published 06 research papers in International Journal. One paper in Scopus Journal.
- Dr. Ms. S. S. Deshmukh has published 03 research papers in Intenational Journal.
- Dr. ms. S. S. Deshmukh has published o1 reference book "Recent Applied "Research in Medical and Life Sciences, Vol.-1
- Dr. Mrs. R. A. Patil Bhagat has published two research papers in International Journal. One in Scopus Journal.
- Dr. Mrs. R. A. Patil Bhagat has published one Indian patent.
- Dr. Ms. S. S. Deshmukh has completed one minor research project "Distribution of leech faunal diversity in freshwater wetland and terrestrial ecosystem of Melghat."

Conferences & Organized –

- Organized collaborative international conference at Vanamati Chandrapur in association with reputed institutions. 2023-2024

Social activities-

- Dr. A.D.Bobdey has organized a social activity of "Refreshment Stall for Pilgrims of Dikshaw Bhoomi" at Nagpur during Dashara at Ajni Rly. station. With NSS and NCC.
- Dr. A.D.Bobdey has organized a social activity of "Refreshment Stall for walking pilgrims of Shegaon during the Prakat Din festival 03 Feb. 2024 at Deori villege, Dist. Akola.
- Organized Distribution of utensils and clothings to tribal students and village peoples at Chikhaldara, Nagalwadi and Saloni village on 22 Feb. 2024

- Activity of Distribution of food to the school childrens at Shivaji school and jr. college ganeshpeth Nagpur on 26/09/2023

Cultural activities -

- Dr. A.D.Bobdey and Dr. Mrs. S.V. Kadu has organized a world snake day programme in the department during world snake day. (16 July 2022)
- Dr. Mrs. S.G. Kadu organized Wild life conservation week programme, students are made aware with wild life by lecture and photographs and posters.(2 to 8 oct 2022)
- Guest lecture on the occasion of world sparrow day on dated 21/03/2024 Convener Dr. Mrs. R. A. Patil Bhagat.

Academic activities -

- Organized seminar competition in the department.
- Dr. R. A. Patil Bhagat is coordinating Add on certificate course in the department. "Advanced Haematology : Diagnosis and Management"
- Organized study tour at Neeri on 11/ 04/2023
- Dr. Mrs. S. S. Deshmukh has taken a programme on Virtual world of biodiversity (16 April 2024)
- Organized guest lecture "3-D printing in Biomedical Engineering" on 27 march 2024 Coordinator Dr. Mrs. R. A. Patil Bhagat.
- Guest lecture on future prospectus after science graduation on 9/03/2024 Convenor Ms. Khushboo sheikh.
- Field excursion at NEERI Nagpur on 04/10/2023 Convener Dr. Mrs. S. G. Kadu.
- Organized Nutrition day programme on 27 to 29 Sept. 2023.
- Student Induction Programme for M.Sc. Students on 05/09/2023.

Student Achievements in zoology department :

- * Mr. Mohan Buche has cleared MSET 2023 and GATE 2023
- * Ms. Khushboo Sheikh has cleared SET 2023
- * Ms. Saloni Tiwari has cleared CTET exam 2023
- * Result of all semesters were nearby 100%



Prof. A.D.Bobdey

Dept. of zoology

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 Internal Quality Assurance Cell

DEPARTMENT OF ZOOLOGY
INTERNAL ACADEMIC AUDIT
 2023-2024

1. A. Faculty Strength:

Faculty	Recruited	Vacant	Remarks
Regular	04	00	
CHB	00	01	
Ad-hoc	02	00	
Non-teaching	03	00	

B. Faculty profile

Name	Highest Qualification	Designation	Specialization	Teaching Experience(yrs)
Atul D. Bobdey	Ph. D.	Professor	Mammalian Reproductive Physiology	31
Sharyu V. Ghonmode	Ph. D.	Professor	Entomology	19
Shital S. Deshmukh	Ph. D.	Asstt. Professor	Entomology	12
Rupali A. Patul Bhagat	Ph. D.	Asstt. Professor	Animal Physiology	5
Shilpa Katre	Ph. D.	Asstt. Professor	Entomology	2
Khushboo Sheikh	M.Sc. Set.	Asstt Professor	Mammalian Reproductive Physiology	1

2. Student's strength

Year	Group	Number of Students Admitted
B.Sc. Semester I	CBZ	45
	CZM	32
B.Sc. Semester III	CBZ	45
	CZM	27

B.Sc. Semester V	CBZ	46
	CZM	27
M.Sc. Semester I		18
M.Sc. Semester II		17
Ph.D.		00

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

3. Student Performance

A. Result Analysis (Winter 2022) UG & PG

Programme Name – B.Sc. ZOOLOGY	Number of students who appeared in the final year examination	Number of students who passed in final year examination	Pass Percentage
Semester-1	79	67	85%
Semester-3	71	56	79%
Semester-4	79	63	80%

B. Result Analysis (Summer 2023) UG & PG

Programme Name - B.Sc. ZOOLOGY	Number of students who appeared in the final year examination	Number of students who passed in final year examination	Pass Percentage
Semester-2	61	42	69%
Semester-4	80	65	83%
Semester-6	78	66	85%

C. Achievements

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

Sr. No.	Name of the Students	Class	Title
Nil			

B- Merit Position of UG Students in RTMNU

Sr. No.	Name of the Students	Merit Position
1	Ku. Vinita Rajendra Tijare	5 th Merit RTM Nagpur University Exam

C- Merit Position of PG Students in RTMNU

Sr. No.	Name of the Students	Merit Position
Nil		

4. Student's Progression:

No. of students enrolling in higher Education	Name of institution joined	Name of program admitted to
UG to PG	04+1	4- M. Sc. Zoology 1 - Management
PG to Research	-	-
Placement	-	-
On-Campus	-	-
Off-Campus	01	Vidharbha Institute of Medical Sciences Nagpur.

(i) Students' publication in Conferences/ Journals:

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

(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	National Conference on Basics and Advances in Biological Sciences	02

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

Sr. No.	Name of the Students	MOOCs / NPTEL/ SWAYAM
	Ku. Shrushti Ninawe	NPTEL
	Ku. Khushi Y. Somkuwar	NPTEL
	Ku. Niwedita S. Kusram	NPTEL

5. Faculty

I. Research Paper Publications

A. Total Number of publications:

- i) International - 00
- ii) National - 01 (UGC care)
- iii) Patents - A.D. Bobdey -02 patent published, A.V. Ghonmode-01 patent published, Seema Kadu- 01 Patent published

. 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
Influence of Covid-19 peak period on Sericulture Farmers, Reelers, Weavers and Traders.	S.V.Ghonmode	Current Agriculture Research Journal	2023	(UGC Care Listed)	-	-

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
A.D.Bobdey	International Conf. on Recent Trends in Multidisciplinary Research. Chandrapur	14 & 15 Jan. 2023	International	-	-
A.D.Bobdey	5 th International Conf. on Science and Technology for Society. Goa.	19 & 20 th June 2022	International	-	-
S.V.Ghonmode	International Conf. on Recent Trends in Multidisciplinary Research.	14 & 15 Jan. 2023	International	-	-
S.V.Ghonmode	National Conference on Biological Sciences. Pauni	28 th April 2023	International	-	-
Rupali Patil Bhagat	International Conf. on Recent Trends in Multidisciplinary Research.	14 & 15 Jan. 2023	International	Yes	Yes
Rupali Patil Bhagat	5 th International Conf. on Science and Technology for Society.	19 & 20 th June 2022	International	Yes	Yes

Seema G. Kadu	International Conf. on Recent Trends in Multidisciplinary Research.	14 & 15 Jan. 2023	International	-	-
Seema G. Kadu	5 th International Conf. on Science and Technology for Society.	19 & 20 th June 2022	International	-	-

D. Awards to Faculty members

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

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
VMS Research Foundation Nagpur Academic NGO	2028	Life time	5 th International Conf. on Science and Technology for Society. 19 & 20 th June 2022	121
			International Conf. on Recent Trends in Multidisciplinary Research., 14 & 15 Jan. 2023	523

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
Nil				

8. Books Published

Name of Author	Book		Book Edited
	Title	ISBN and Date	Chapter
A.D.Bobdey	Wildlife Ecology, Management	978-81-962414-4-5	Book

	and Conservation		
A.D.Bobdey	Food Science and Technology	978-81-19-338-14-6	Book

9. Research Guidance by Faculty during the year

Name of the guide	Ph.D		
	Awarded	Submitted	Registered
S.V.Ghonmode	-	-	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.
Nil		

11. Alumni Engagement

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

_____ Nil _____

Action Plan-

1. Action Plan of the Department
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 Start Center of Higher Learning and Research in zoology dept.

Best Practices of the department

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

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.

Date:



Head of the Department

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