

# S.S.E.S.AMT'S SCIENCE COLLEGE, NAGPUR

## Information to be submitted by Head of the Department for Internal Academic Audit

Name of the Department: ZOOLOGY, Session: 2018-19 Period of assessment: First Term

1. Details about Academic Programmes: UG / Ph.D
2. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Whether Permanent /Adhoc/ Contributory	Qualification	Designation	Specialization	No. of Years of Experie	Whether supervisor	No. of Ph.D. awarded / Submitted / Ongoing
Dr. A. D. Bobdey	Permanent	M.Sc., M.Phil., Ph.D	Associate Professor	Mammalian Reproduction	26	4	02 Awarded & 01 Submitted
Dr. Ms. S. V. Ghonmode	Permanent	M.Sc., Ph.D.	Associate Professor	Entomology	15	Nil	-
Dr. Mrs. S. G. Kadu	Permanent	M.Sc., Ph.D.	Assistant Professor	Entomology	6 yr.8 month	Nil	-
Dr. Ms. S. S. Deshmukh	Permanent	M.Sc., Ph.D.	Assistant Professor	Mammalian Reproductive	6 yr.8 month	Nil	-

3. No. of Guest and Visiting faculty 4

4. Faculty participation in conferences/seminar/workshop and symposia:

Name of the Faculty	Title of Conference/ Seminar/ workshop Attended	Period	Level International/ National/State /University /College	Whether Presented papers	Whether abstract published in Sovinor/Abstract Book	Whether papers published in proceeding with ISBN No if any	Whether served as experts, chairpersons or resource persons
Dr. A. D. Bobdey	01	12 To 14 July 2017	International	Yes	yes	Yes	Yes
Dr. Ms. S. V. Ghonmode	00						-
Dr. Mrs. S. G. Kadu	01						-
Dr. Ms. S. S. Deshmukh	01						-

5. Innovative processes adopted by the Department in Teaching and Learning:

Use of OHP, LCD projectors, Use of Computers to show zoological video clips.

6. No. of faculty members involved in curriculum restructuring /revision /syllabus development as member of Board of Study/ as member of Faculty/as a participation in Curriculum Development workshop Nil

7. Initiatives undertaken towards faculty development

Name of the Faculty	Faculty / Staff Development Programmes								
	Ori-entation	Refre-sher	UGC – FIP	HRD pro-gram	Faculty exchange program	Staff training by universi-ty	Staff training by other institu-tions	Summer / Winter schools, Worksh-ops, etc	Others
Dr. A. D. Bobdey	-								
Dr. Ms. S. V. Ghonmode									
Dr. Mrs. S. G. Kadu									
Dr. Ms. S. S. Deshmukh									
	1 refresher course at rtmnu								

8. Details of Administrative and Technical staff

Name of the staff	Designation	Permanent /Temporary
1. Shri P.N.Zade	Lab attendant	Permanent
2. B.B. Bhagat	Lab attendant	Temporary
3. P.B. Kundalkar	Labf attendant	Temporary

9. Research funds sanctioned and received from various funding agencies, industry and other organizations:

Name of the Faculty	Major/ Minor/ Interdisciplinary Industry sponsored/ Any other (Specify)	Duration Year	Name of the funding Agency	Sanction Letter No /Date	Total grant sanctioned	Received	Completed / Ongoing	Whether New Proposal Submitted
1. Dr. Mrs. S.G.Kadu	Minor project Study on Species Richness and Diversity of Ants Hymenoptera, Farmicidae, in Nagpur City (M.S.) India	2014-2016	UGC		3,30,000/-	2,75,000/-	Completed	-
2 Dr. A.D.Bobdey	-							-
3 Dr. Ms. S.S.Deshmukh	One Minor project		UGC		275000/-		Ongoing	-
4 Dr. S.B.Ghonmode	Nil							-

10. Details on research publications: ( in 2016-17 First term)

Name of the Faculty	Peer Review Journals			Non-Peer Review Journals			Conference proceedings			e-Journals		
	International	National	Other	International	National	Other	International	National	Other	International	National	Other
Dr.AD.Bobdey - 2, Dr. Mrs. S.G.Kadu - 1& Dr. Ms. S.S.Deshmukh has published -01research paper to international journal												

11. No of research publications listed in International Database (SCOPUS / Google Scholar)

Name of the Faculty	No of research publications in SCOPUS	No of research publications in Google Scholar	Citations	h-index	i10-index
1. Dr. A.D.Bobdey	2	49	5	1	-
2. Dr. Mrs. S.G.Kadu	3	11		1	-
3. Dr. Ms. S.S.Deshmukh	00	09		1	-
4. Dr. Mrs. S.V.Ghonmode	01	16		1	-

12. Details on research publications listed in International Database (SCOPUS)

Name of the Faculty	Co-Authors	Short Title	Journal	Year of Publication	Imp. Factor	SNIP	IPP	SJR	h-index
06									

13. Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

14. Details of publication of Chapter in Book/ Book Edited/ Book Published by the faculty:

Name of the Faculty	Chapter in Book	Book Edited	Book Published			Year of Publication
			Title of the Book Published	ISBN/ISSN	Publisher	
00						

15. Areas of consultancy and Revenue generated through consultancy :

Nil

16. Conferences/Seminar /workshop/Guest Lect. organized by the Department:

Sr. No	Conferences/Seminar/workshop/Guest Lect.	International/ National / State/ University/ College Level	Title /Topic	Period	Sponsoring Agencies
1	International conference is organized at Payyata in collaboration with Vms society and Matrusevasangh college of social work and other reputed institutions, May 24 to 26, 2018				

17. No. of collaboration /linkages

18. Total budget for research for current year in lakhs:

From Funding agency  From Management of College

19. No. of research awards/ recognitions of faculty and research fellows of the institute:

Name of the Faculty	Details of the awards/ recognitions	International / National / State / University/ Dist/ College Level	Year
Nil			

20. No. of Ph.D. awarded by faculty from the Institution

21. No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

22. Details of increase in infrastructure facilities:

Facilities	Existing		Newly purchased during A.P.		Source of Fund	Total
	No	Value of the equipment (Rs. in Lakhs)	No	Value of the equipment purchased (Rs. in Lakhs)		
No. of important equipments (cost <1 lakh)	00	-	-	-	-	-
No. of important equipments (cost ≥ 1 lakh)	129	-	-	-	-	-
Others	-	673780/-	-	-	college	673780/-

23. Total Number of students

UG	PG	Ph. D.	Others
316	-	00	00

24. No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT

IAS/IPS etc  State PSC  UPSC  Others

25. Faculty as members in a) National committees b) International Committees c) Editorial

Name of the Faculty	Whether members in National committees if yes, give details with period	Whether members in International Committees if yes, give details with period	Whether members in Editorial Boards if yes, give details with period	Whether served as experts, chairpersons or resource persons if yes, give details with period
Dr. A.D.Bobdey	On panel of Editor and author for Zoology glossary and Environmental Science glossary	Nil	Executive editor of International and National Journal (IJRBAT / JIIS)	Nil
Dr. Mrs. S.V.Ghonmode	Nil	Nil	Associate Editor of National Journal (JIIS)	Nil

26. Student projects:

Small group projects are provided to the UG students

27. Awards / Recognitions received by faculty and students:

Name of the Faculty/ students	Details of the awards/ recognitions	International / National / State / University/ Dist/ College Level	Year
Global Researcher Award in International Conference ICSD at Pattaya, May 24 to 26, 2018			

28. List of eminent academicians and scientists / visitors to the department.

Sr No	Name	Field	Address
1	Dr.S. B. Zade	Zoology	Prof. RTM Nagpur university
2	Dr. R. G. Patil	Zoology	Head, P.G.Dept of zoology LBS college, Satara
3	Dr. R. M. Gaikwad	Zoology	Prof. and Head Science and Art college, Karmala
4	Dr. P. S. Telkhade,	Zoology	Art and Science college, Chandrapur
5	R. S. Tijare	Zoology	(P.G.Dept. of zoology, Govt. Institute of Science, Nagpur
6	Dr. A. N. Lonkar	Zoology	(Retd. Head, Dept. of Zoology, N.A.College, Umrer
6	Dr. K. N. Patil,	Zoology	P.G.Dept. of zoology, Institute of Science, Nagpur

29. Student progression

Student progression	Against % enrolled
UG to PG	4%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	00
Entrepreneurship/Self-employment	Nil

30. Details on student enrichment programs (special lectures/workshops/seminar) with external experts:

Title/ Topic of the Program	Whether lectures/ workshops/seminar /other	Name of the external experts	Details of the external experts	Period of Program
Participated in student enrichment programmes				

31. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Name of the Faculty/	Details of Participation in Co-curricular activities	Details of Participation in Extra curricular activities	Details of Participation in Extension activities including Institutional Social Responsibility (ISR)
Dr. A.D.Bobdey	Student seminars Student projects	Certificate course in Vermicomposting	Tea and Refreshment stall for pilgrims at Ajni Rly station
Dr. Ms. S.V.Ghonmode	Student projects Student seminars	Certificate course in Vermicomposting AIDs Awareness programme	-
Dr. Mrs. S.G.Kadu	Student projects Student seminars	Certificate course in Vermicomposting	-
Dr. Ms. S.S.Deshmukh	Student projects Student seminars	Certificate course in Vermicomposting	-

32. List of Alumni of the Departments:

- 1) Dr. P.S. Pradhan, Director ZSI, Pune.
- 2) Mr. Sukhachain Sancheti, MLA, Malkapur.
- 3) Mr. Sunil Kedar, Ex- Minister, Maharashtra.
- 4) Mr. Pramod Dame, Corporator & Trusty, NIT Nagpur.
- 5) Dr. S.G. Bhagat , Corporator, Nagpur Municipal Corporation, Nagpur.
- 6) Dr. Vijay Hazare , Dean, Govt. Dental College, Nagpur.
- 7) Dr. Arun Jadhav, Scientist, Germany.
- 8) Dr. Anant G. Kalbande, Punjabrao Deshmukh Medical College, Amravati.
- 9) Miss. Sonali Kshirsagar, Jr. Scientist, Bangalore.

- 10) Miss Leena Khare, Jr. Scientist, NEERI Nagpur.
- 11) Dr. Sunil Peshwa, Lecturer, Institute of Science, Aurangabad.
- 12) Dr. Mrs. A. Deshkar, Embryologist, Ketkar, Test Tube baby center, Nagpur.
- 13) Dr. Vinay Tule, Geneticist, Shradhanad Peth, Nagpur.

33. Major grievances of students (if any) redressed:

Nil

33. Any other information:

1. **Organized study tours in the department**
2. **Organized student welfare programme**
3. **Organized Snake Conservation day**
4. **Organized Tree Plantation Programme**
5. **Organized social activities in the department**
6. **Made collaboration of college with international conference**
7. **Published reference books of subject**
8. **Received parent society award (Late Dr. Daddy Deshmukh Best Teacher Award)**
9. **Received Global Researcher award in International Conference at Pattaya ICSD2018**

34. 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.

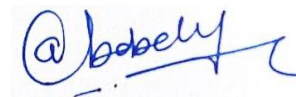
### **Challenges**

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

### **35. Future plans:**

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 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.

Date 29/03/2018



Head  
Department of zoology



## Internal Academic Audit Report

Name of the Department: ZOOLOGY

Session: 2016-17 (First term)    Period of Assessment: First Tem / Second Term    Date of Assessment:03/12/2018

### Observations of Internal Academic Audit Committee:

#### **Part –A**

Name of the Faculty	Whether Academic Plan is prepared	Whether Academic diary maintained properly	Whether Course completed if not what is the plan to complete it.	Whether Unit wise Test conducted	Participation in Research Activities	Participation in Extension /Co-curricular/ Extra curricular activities including Institutional Social Responsibility (ISR)	Whether Departmental Meeting's Proceedings are maintained	Whether compliance on previous Internal Academic Audit Report is executed	Whether co-operate in discharging responsibilities and followed directions of Heads sincerely	Remarks
Dr. A.D.Boobey	Yes	Yes	Completed	01 unitest conducted	02 Res papers publ. & organized Int. Nat Conf.	Organized refreshment stall for pilgrims during festivals (02)	Yes	Yes	Yes	
Dr. Ms. S.V.Ghonmode	Yes	Yes	Completed	02 unitest conducted	02 Res papers publ. & organized Int. Nat Conf.	-	Yes	Yes	Yes	
Dr. Ms. S.S.Deshmukh	Yes	Yes	Completed	01 unitest conducted	02 Res papers publ. & organized Int. Nat Conf.	-	Yes	Yes	Yes	
Dr. Mrs. S.G.Kadur	Yes	Yes	Completed	01 unitest conducted	02 Res papers publ. organized Int. Nat Conf.	-	Yes	Yes	Yes	

Whether compliance on previous Internal Academic Audit's Report is made? Yes

**Part –B: Action Taken on previous Internal Academic Audit Report**

All the activities were performed

1. **Organized study tours in the department**
2. **Organized student welfare programme**
3. **Organized Snake Conservation day**
4. **Organized Tree Plantation Programme**
5. **Organized social activities in the department**
6. **Made collaboration of college with international conference**
7. **Published reference books of subject**
8. **Received parent society award (Late Dr. Daddy Deshmukh Best Teacher Award)**
9. **Received Global Researcher award in International Conference at Pattaya ICSD2018**

**Recommendations by Internal Academic Audit Committee:**

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Date- 29/03/2028

Signature  
IQAC-Coordinator

Signature  
Principal & Chairman IQAC