

Raver Parisar Shikshan Prasarak Mandal' s

**SHRI.V.S.NAIK ARTS, COMMERCE
AND SCIENCE COLLEGE, RAVER**



DEPARTMENT OF ZOOLOGY

Departmental profile

NAAC 2023

PREFACE

It is a great pleasure for me to submit this departmental profile for the purpose of assessment in front of the well-known institutes in the field of higher education like ‘NAAC’. For the preparation of this profile we all have taken efforts and tried to represent best.

I hope that it will show the clear picture of the department.

***Dr. S.G.Chinchore
(Head of the Department)
(Zoology)***

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INTRODUCTION:-

The Raver Parisar Shikshan Prasarak Mandal's established in the year 1978. Initially Arts & Commerce faculty was started but later on to keep pace with the today's needs there was necessity to introduce Science faculty. This was started in the year 1990.

In the science faculty Zoology department was also started in the same year. Initially the department has F. Y. B. Sc. , S. Y. B. Sc. and specialization in Zoology. From the year 2000 due to non availability of work load zoology subject is taught in F. Y. B. Sc. and S. Y. B. Sc.

When the department has started there was only one teacher Mrs. Puranik on honorary basis. The regular appointment was made since 1992 at that time three teachers Mr.A.G.Patil, Mr.S.G.Chinchore and Mr.P.T.Pawar were working. Dr.AG.Patil awarded Phd degree in 2011. Dr.S. G. Chinchore awarded PhD in 2016. Currently two permanent faculties are serving for the department Dr. S.G.Chinchore as a head of the department and Dr.A.G.Patil as a member of zoology department up to 2023. The faculties are having good academic records also having good research appetite. Presently Dr.S.G.Chinchore is working as Head of Department since from 13/08/2022.

1. Aims and Objectives

- To create love about Environment & Animal science.
- To impart basic education in zoology.
- To create the awareness about our Natural Resources, their Importance & Utilization.
- To create the hobbies among the students about birds watching, Insect collection, Nature photography & Fishing.
- To create awareness about the Acquaintance & Achievement of our Scientist like Charles Darwin, Lamark, Robert Hook, and Mendel's, Khurana.
- To motivate the students towards self employment by giving information about fishery, poultry, vermiculture.
- To create awareness among the student about human pedigree, Genetic abnormalities, Eugenics, Genetic engineering.
- To create good citizens.

1. Name of the department: - **Zoology**

2. Year of Establishment:- 1992

3. Names of Programme/Courses Offered (UG, PG, M.Phil., Ph.D., etc.)

Programme	
UG	F.Y.Bsc and S.Y.Bsc
PG	Nil
Ph. D.	Nil

4. Names of Interdisciplinary courses and the departments/ units involved : Nil
5. Annual/ semester/choice-based credit system (programme-wise)

Programme	Annual	Semester	Choice based credit system
UG	--	✓	✓
PG	----	----	----
Ph. D.	---	-----	----

6. Participation of the department in the courses offered by other departments: Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil
8. Details of courses/programmes discontinued (if any) with reasons :

From the year 2000 -2001 due to non availibility of work load the zoology subject is taught to F.Y Bsc and S.Y.Bsc level only

9. Number of teaching posts :

Post	Sanctioned	Filled
Professors	1	1
Associate Professors	2	1
Asst. Professors	----	--

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Lab Assistant	1	----
Lab Attendant	1	1
Any other	----	----

11. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name of the faculty (Designation)	Educational Qualifications	Specialization	Experience in Years	No. of Ph.D. Students guided during 2021-22 to 2017-18
Dr.S.G.Chinchore (H.O.D.)	Msc, M .Phil, PhD.	Entomology	31	--
Dr.A.G.Patil .	Msc, PhD.	Entomology	31	01

12. List of senior visiting faculty : Nil

13. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Programme	Total classes	No. of classes taken by temporary faculty	Percentage
UG	Nil	Nil	Nil

14. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Year	Name of the Project	Name of the funding agencies	Grants received in Rs.
---	Nil	Nil	Nil

15. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period-

Year	Name	Ph. D. awarded	D.Sc. and D. Litt
2017	Dr.S.G.Chinchore	16 /01/2017	Nil

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

17. Research Centre /facility recognized by the University

18. Publications: * a) Publication per faculty: **07**

* Number of papers published in peer reviewed journals (national/international) by faculty and students

Sr. No.	Name of faculty	Publications per faculty
01	Dr. A.G.Patil	07
02	Dr.S.G.Chinchore	NIL

19.Number of papers published in peer reviewed journals (national / International) by faculty and students

S. No	Publications	Status		Years					Total
		National	International	2021-22	2020-21	2019-20	2018-19	2017-18	
	Number of papers published in peer reviewed journals	National	NIL	Nil	02	05	NIL	NIL	07

21. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year

Monographs

*Chapter in Books :

Dr.S.G.Chinchore :

1: A text book of zoology Study of Leech and Calotes T.Y.Bsc .Prashant publication Jalgaon.

Dr.A.G.Patil ;

01: Apractical book of zoology F.Y.Bsc. Prashant publication Jalgaon.

02: Genral embryology .T.Y.Bsc Prashant publication Jalgaon.

03: Medical digonastics Prashant publication Jalgaon.

04: Invertebrate zoology Prashant publication Jalgaon.

22. Faculty as members in

S. No.	Nature of Committee	Name of the Committee	Post assigned
01	National committees	Indian science congress	Life member
02	International Committees	Nil	Nil
03	Editorial Boards	Nil	Nil

23. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme

Programme	Name of the Programme	Year	% of students
	Nil	Nil	Nil

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

Name of the Programme	Year	% of students
Nil	Nil	Nil

24. Awards / Recognitions received by faculty and students

Year	Name of the Faculty	Name of the Award/Recognitions	National/International
	Dr. A.G.Patil		
2016		P.G.Teacher Recognition	University
2022		Best teacher award	National
2022		Sardar Vallabhi patel Best teacher award	National

25. List of eminent academicians and scientists / visitors to the department : Nil

24 Seminars/ Conferences/Workshops organized & the source of funding

Year	Seminars/Conferences/Workshops	National/International	Source of funding
2022 - 23	F.Y.Bsc. Syllabus framing	University Level	K.B.C.NMU.Jalgaon

27. PARTICIPATION IN CONFERENCE / WORKSHOPS /SYMPOSIUM:

Sr. No.	Date	Level	Conference/ Workshop/ Symposium	Place
Dr.S.G.Chinchore				
01	30Jan.2018	State level Conference	Role of Biological sciences in sustainable Life.	J.D.M.V.P.A.S.C. College jalgaon
02	21May2018	University level workshop	Msc II syllabus framing	M.J.College jalgaon
03	3August 2018	University level workshop	F.Y.Bsc Zoology Theory and practical workshop	S.S.M.M. A.S.C. College pachora
04	22March 2019	University level workshop	S.Y.Bsc Zoology syllabus framing .	M.G.S.M .A.S.C.College Chopda.
05	26 to 27 Dec 2019	National level workshop	Development of E content for effective teaching and learning	Jointly organised by K.B.C.N.M.U.Jalgaon and V.S.N.College Raver.
06	14 to 15 Dec 2019	Internal national Conference	Recent Advances in Life sciences for betterment of Environment and Human health	Govt.Holkar Science College Indoor.
Dr.A.G.Patil				
01	Jan. 23-24	National Conference on Monitoring and Assessment of Natural Resources For Sustainable Management		The Indian Science Congress Association

	2017			
02	Jan. 30 2017	National conference on Current Trends In Life Sciences For Rural Empowerment	National Conference on Recent Emergence in Science and Technology	School of Environmental & Earth Sciences, North Maharashtra University Jalgaon
03	Feb.02-04 2017	International Conference on Recent Trends in Agriculture, Veterinary Sciences	International Conference on Role of Biodiversity Conservation in Promotion of Adventure Tourism and Entrepreneurship	Rajarshi Shahu Arts, Commerce and Science College, Pathri, Tal-Phulambri, Dist- Aurangabad
04	Dec. 21 - 22 2017	International Conference on Innovations in Biological and Chemical Science	International Conference on Recent Advances in life Sciences for Betterment of Environment and Human Health	Carmel College for Women, Nuvem, Goa
05	Feb 10 2018	National Conference on Recent Trends In Life Science and Environmental Studies	National Conference Indian Congress Association Amaravati Chapter	Dept of Zoology, Dhanaji Nana Mahavidyalaya Faizpur
06	Jan 3-7 2019	National	32 All india Congress of Zoology (AICZ) and International Conference on "Life Security on Earth"	H.J.Thim College of Arts and Science, Mehrun, Jalgaon
07	Feb 11-12 2019	National	National Conference on Recent Emergence in Science and Technology	Shri V.S.Naik College, Raver

08	Feb 22-24 2019	International	International Conference on Role of Biodiversity Conservation in Promotion of Adventure Tourism and Entrepreneurship	Dept. of Zoology, Hojai College, Guwahati
09	Dec 14-15, 2019	International	International Conference on Recent Advances in life Sciences for Betterment of Environment and Human Health	Government Holkar Science College, Indore (M.P)
10	Dec. 21 2019	National	National Conference Indian Congress Association Amaravati Chapter	Arts, Commerce and Science College, Bodwad, Dist- Jalgaon,
11	Feb 22-24 2020	International	32 All India Congress of Zoology (AICZ) and International Conference on "Life Security on Earth"	Adarsh Institute of Management and Science A.B. Road, Dhamnod (M.P), India and Zoological Society of India (ZSI)

29. Student profile programme/course wise:

Academic Year	Name of the Course/programme	Students admitted	Students appeared	Pass Students	Pass percentage
2017-18	F.Y.	112	103	91	88%
	S.Y	67	58	47	81%
2018-19	F.Y.	107	104	91	87%
	S.Y	55	47	39	82%
2019-20	F.Y.	124	112	102	91%
	S.Y	95	78	69	88%
2020-21	F.Y.	132	126	112	90%
	S.Y	98	94	82	87%
2021-22	F.Y.	94	88	79	89%
	S.Y	108	96	83	86%

30.. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
F.Y. & S.Y.Bsc	100 %	0%	0%

31. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

32. Student progression

Student progression	Against % enrolled				
	2021-22	2020-21	2019-20	2018-19	2017-18
UG to PG	NA	NA	NA	NA	NA
Employed - Campus selection - Other than campus recruitment	NA	NA	NA	NA	NA
Entrepreneurship/Self-employment	NA	NA	NA	NA	NA

33. Details of Infrastructural facilities

Library	01
Internet facilities for staff and students	Yes
Total number of class rooms	02
Class rooms with ICT facility	00
Students' laboratories	01
Research laboratories	00
Computer/Laptop	01
Printer	00
LCD Projector	01
DVD/VCD Player	00
Camera	00
Mike	00

34. Number of students receiving financial assistance from college, university,

S. No.	Year	Name of students	Class	Name of Agency	Financial Assistance in Rs.
Economical weaker section					
1	2018-19	Rajendra Sunil Tayade	F.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	2500
2		Ku. Shaila Shabbir Tadvi	F.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	2500
3		Sajid beg Aabid	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	2500
4		Ku. Vijaya Santosh Mahajan	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	2500
5		Ku. Dipika Santosh Mahajan	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	2500
6		Ku. Varsha Kailas Sananse	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	2500
	2019-20				
1		Ku. Priyanka Shankar Ingale	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon	3500
Total					18500
Earn and learn Schem					
	2017-18				
1		Ku. Madhavi Natthu Sonar	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon and S.V.S.N. College, Raver	7050
2		Ku. Ashwini Nanu Patil	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon and S.V.S.N. College, Raver	6690
	2018-19				
1		Ku. Kalpana Dyaneshwar Kharabe	F.Y.B.Sc.	K.B.C.N.M.U., Jalgaon and S.V.S.N. College, Raver	6720
	2019-20				
1		Ku. Rohini Ganesh Fulmali	S.Y.B.Sc.	K.B.C.N.M.U., Jalgaon and S.V.S.N. College, Raver	7960
Total					28420

35. Details on student enrichment programmes (special lectures / workshops / seminar)

with external experts

Year	S. No.	Special Lectures/Workshops/Seminars	External experts	Date
2021-22	---	Nil	Nil	Nil
2020-21	--	Nil	Nil	Nil
2019-20	---	Nil	Nil	Nil
2018-19	---	Nil	Nil	Nil
2017-18	---	Nil	Nil	Nil

36. Teaching methods adopted to improve student learning

- Chalk and Talk Method
- ICT
- Demonstration method
- Charts and models
- On line lecture on zoom and googal meet

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

Year	S. No.	Theme of the Extension activity	Venue	Date
-----	Nil	Nil	Nil	Nil

38. Give details of “beyond syllabus scholarly activities” of the department.

- Dr. A.G.Patil and Dr. S.G.Chinchore Participated and presented papers in international conference at Ahilyabai Holkar Govt . college Indoor.
- Dr. A.G.Patil is elected as senate member at KBCNMU Jalgaon.
- Dr. A.G.Patil is nomited as LMC member in college committee.
- Dr. S.G.Chinchore is nominated as BOS and BOE member at KBCNMU Jalgaon.

39. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- well profiled faculties .
- well adequate books in library.
- Internet facility accessible all the time.
- Excellent communication among teachers, students and other staffs.

Weaknesses

- There is an urgent necessity for more Full-Time &/or Part-Time teachers.
- More laboratory instruments are also required.
- No Smart class rooms for UG programme.
- Training for Technical Staff to repair equipments not functioning
- No T.Y. Specization program.

Opportunities

- To start T.Y. Specization program.
- Regular conduct of various Co-curricular activities.
- UGC sponsored Career Oriented Programmes.
- MOU with Zoology departments of other colleges, industries and research institutions.

Challenges

- To develop Co-ordination among the institution, affiliating University & various funding agencies.
- To increase the students progression
- To teach and conduct practical classess of students with insufficient teaching faculties.
- Due to ban on dissection of animals , the students cannot get proper practical skill.

40.Future plans of the department.

- To subscribe for more journals related to current research .
- To invite eminent personality to conduct guest lectures on current topics.
- MOU with research institutes/organizations/ Industries.
- To start self employed course like certificate course in apiculture, fishry , goatry.
- To start self employed technical cources like CMLT. DMLT.

