

Evaluative Report of the Department of Zoology (2014-15)

1. Name of the department -Department of Zoology

2. Year of Establishment

3. Names of Programmes / Courses offered (**UG-Zoology & -Career oriented course(Biomedical lab)**)

4. Names of Interdisciplinary courses and the departments/units involved - Nil

5. Annual/ semester/choice based credit system (programme wise) - B.Sc. -Semester base

6. Participation of the department in the courses offered by other departments **Botany & Chemistry**

7. Courses in collaboration with other universities, industries, foreign institutions, etc.- **Nil**

8. Details of courses/programmes discontinued (if any) with reasons -Nil

9. Number of Teaching posts

	sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Asst. Professors	04	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt.

/Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D.Students guided for the last 4 years
Dr.S.R.Kondulkar	M.Sc.Ph.D.B.Ed.	HOD	AP	09	--
Dr.A.K.Solanke	M.Sc.Ph.D.B.Ed.	Assi.Professor	MRP	06	--

11. List of senior visiting faculty - Nil

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

-50%

13. Student -Teacher Ratio (programme wise) -

Sr. No.	Class	No. Of Students	Student Teacher Ratio
1	B.Sc- I	121	121/2 = 60.5
2	B.Sc- II	96	96/2 = 48
3	B.Sc- III	77	77/2 = 38.5

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

Sr. No.	Name of the Staff	Post Held	Post Sanctioned	Post Filled
1	Mr. Ravindra Waghmare	Lab. Assi.	01	01
2	Mr. P.P. Thorat	Lab. Att.	01	01
3	Mr. N.R. Dudhkaware	Lab. Att.	01	01
4	Mr. A.B.Bhise	Lab. Att.	01	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.-

1	Dr.S.R.Kondulkar	M.Sc., B.Ed., Ph.D.
2	Dr. A.K.Solanke	M.Sc., B.Ed.,Ph.D.

16. Number of faculty with ongoing projects from

a) National - **In process (submitted)**

b) International funding agencies and grants received -**No**

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

18. Research Centre /facility recognized by the University-**Nil**

19. Publications: **(21)**

*a) Publication per faculty

Dr.S.R.Kondulkar-

Kondulkar S.R 2010 On A New species of Araneus clerck ,1757 (Araneae : Araneidae) from University , Amravati india., 18th International Congress of Arachnology" in Siedlce, **Poland-ISBN-978-83-7051-575-01**

Kondulkar S.R. 2010. Spider fauna from proposed mahendri wild life sanctuary with distinct genotypes in the population of habitat patches of *Nephila pilipes* (fabricius) 1793. **18th International Congress of Arachnology"** in Siedlce, Poland-ISBN-978-83-7051-575-01.

Hippargi, R.V ; **S.R.Kondulkar**, G.B.Santape on Spider survey, collection, preservation and vouchering of specimens in museum.3rd workshop on arachology SGB Amravati University.

Kondulkar S.R.and Singhai S. 2010. Spider fauna of tetragnathidae family found an and arounds Amravati. Proceeding of National symposium cum workshop on Arachnology with reference to spiders.

Kondulkar, Editor for the Handbook released on the Occasion of "National Workshop on Spider Diversity in Mahendri", Held at "M F Mahavidyalaya, Warud", Amravati.

Kondulkar S.R.& Solanke A.K. Effect of Sildenafil citrate on body weight and reproductive organ of albino rat, Pre Conference Proceedings Recent trends and innovation development in the various frontier in the life sciences. ISBN-**978-93-81733-04-02**

Masodkar & **Kondulkar** . Callus induction in Gardenia Gummifera – An endangered Medicinal Plant. Proc. Recent trends in plant biotechnology, ISBN-**978-81-905776-11-09**

Manekar A.P. & **Kondulkar S.R.** Influence of Sildanafil Citrate on plasma profile of male albino rat. Chapter published in ref. book on Advances in reproductive Toxicology, pointer pub, Jaipur. ISBN-**81-7132-445-02**

Manekar, Ughade, **Kondulkar** Studies on the influence of some pharmaceutical compounds on adenophyses of male rat .Proc. National symposium of SRBCE , XXI pro. varanasi

Kondulkar S.R. and Solanke A.K. 2008. Toxic effect of Chloroquine phosphate on biochemistry of blood serum in male albino rat-*Proc* Life science. Vidhabharti Amravati, **978-93-82588-05-4**

Solanke A.K. & **Kondulkar S.R.** Toxicity of Mercury in fresh water fish, Catla catla -*Proc* . Life science. Vidhabharti Amravati, **978-93-82588-05-4**

Dr.A.K.Solanke-

1. . Influence of Sildenafil citrate on plasma profiles of male albino rat (ISBN-81-7132-445-2)

2. Toxicity of cadmium in fresh water Fish *Cyprinus carpio*
3. Influence of estrus cycle on tissue protein content in Rat *Rattus Rattus*. ISSN-0970-0420
4. Effect of ovariectomy and exogenous steroids on tissue, total lipids in Mature Non Pregnant *Rattus Rattus*. ISSN-0970-0420
5. Hematological Changes in Rat *rattus rattus* After Repeated Exposure to Thiodon 35 EC. ISSN-097-0420
6. Influence of castration and Exogenous Testosterone on Acid and alkaline phosphatase Activity in Mature Male rat *Rattus rattus*. ISSN- 0970-0420
7. Pattern of Breeding habitat sex ratio and sexual maturity in *Rattus rattus*- ISSN 0970-0420-008
8. Toxic effect of Chloroquine phosphate on biochemistry of blood serum in male albino rat .[ISBN ISBN978-93-82588-05-4]
9. Toxicity of Mercury in fresh water fish, *Catla catla* ISBN-978-93-82588-05-4
10. Pollen Grains of *Parthenium hysterophorus* AS Potent Source of allergies. International J.of Life Science ISSN- 2320-7817

* No. of papers published in peer reviewed journals (national /international) by faculty and students-02

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database -International Social Sciences Directory, EBSCO host, etc. =00

*No. of papers published in peer reviewed journals (national /international) by faculty and students-02

*Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database -International Social Sciences Directory, EBSCO host, etc. =00

*Monographs- Nil

*Chapter in Books-01

Dr. S.R. Kondulkar published chapter in book entitled *Advances in toxicology* –publisher pointer publication Jaipur Rajasthan.

*Books Edited -01

Spider in Mahendri

*Books with ISBN/ISSN numbers with details of publishers-00

*Citation Index 02

*SNIP -----

*SJR -----

*Impact factor -----

*h-index 01

20. Areas of consultancy and income generated- Vermicompost project & Career oriented Program

21. Faculty as members in

a) National committees -01

Dr.S.R.Kondulkar- Founder & Life Member of Indian society of Arachonology.

b) International Committees-00

c) Editorial Boards....- 01

22. Student projects-

a) Percentage of students who have done in-house projects including inter departmental/programme :- B.Sc. – 100%

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

23. Awards/ Recognitions received by faculty and students- Nil

24. List of eminent academicians and scientists/ visitors to the department---Yes

- Dr. Shing Sir- Prof . & Head , Vidharbh Mahavidhyalaya Amravati
- Dr. G.A. Wagh , Shri Shivaji Science Colllege Amravati.
- Dr. C.K. Deshmukh Head , PGDT Zoology , SGB Amravati University Amravati.
- Dr. S.R. Akarate ,Head , Dept of Zoology , Vidhyabharti College Amravati.

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National **NIL**

b) International - NIL

26. Student profile programme/course wise:

Name of theCourse/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
Certificate course in biomedical lab	35	20	15F&5M	100%
Diploma	25	20	15F&5m	100%
Ad.Diplma	15	10	8F&2M	100%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Biomedical lab tech.	100%	00	00

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

29. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	10%
PG to Ph.D.	3%
Ph.D. to Post-Doctoral	01%
Employed ☐ Campus selection ☐ Other than campus recruitment	00
Entrepreneurship/Self-employment	15%

30. Details of Infrastructural facilities

a) **Library** – Departmental Library

b) Internet facilities for Staff & Students- Internet facility for staff & students

c) Class rooms with ICT facility - yes

d) Laboratories - Well equipped

31. Number of students receiving financial assistance from college, university, government or other agencies

- 80% students receiving scholarships

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

-Student seminar & special lecture for student organized by department

33. Teaching methods adopted to improve student learning- With LCD, OHP & Digital online

34. Participation in Institutional Social Responsibility (ISR) and Extension activities- NSS

Dr. A.K.Solanke , NSS Program Officer, Dr.S.R.Kondulkar Run Vermicompost Project for Farmers.

35. SWOC analysis of the department and Future plans- Swoc Analysis run by Department

Strength :-

- 1) Well equipped UG Laboratory.
- 2) Departmental Library.
- 3) Organizing Capacity.
- 4) Career oriented courses

Weakness :-

- 1) Lack of permanent Teaching faculty Teachers.

Opportunities :-

- 1) To join with the research institute

Challenges:-

- 1) Department run by Two permanent faculties .

➤ A proposal for interdisciplinary major research project will be submitted

- Lab. Recognition
- Ph.D. Supervisor.

36. Zoological Association-

Zoological association was established on dated 07/10/2014. During inauguration of the association , Dr. A.K.Solanke worked as prof.incharge of the association for the session 2014-15. Miss. Mahindre acting as president of zoological association. . Guest Lecture By- Dr.G.A.Wagh

37. Departmental Activities-

- Depaetment had started a career oriented course in biomediacI Lab tech.Sanctioned by UGC ,52 students admitted for this session (Coordinator- Dr.S.R.Kondulkar)
- Dr.S.R.Kondulkar submitted Seminar Proposal to UGC on To study Tribals Traditional plant Knowledge and Biodiversity Conservation.

Dr.S.R.Kondulkar