

Evaluative Report of the Department of Zoology (2015-16)

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
Dr.S.R.Kondulkar	M.Sc.Ph.D,B.Ed.	HOD	AP	10	--
Dr.A.K.Solanke	M.Sc.Ph.D,B.Ed.	Assi.Professor	MRP	07	--

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	123	123/2 = 61.5
2	B.Sc- II	105	105/2 = 52.2
3	B.Sc- III	78	78/2 = 39

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: (27)

☐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**

Solanke A.K. & **Kondulkar S.R.** Pollan grains of parthenium hysterophorus as potent source of allergies. International J. of Life Sciences ISSN: **2320-7817**.

Kondulkar S.R. & Ganorkar Through Tribal folk knowledge : An attempt to aware & conserve Biodiversity of Mahendri Forest of Satpuda Hill ranges. International J. Research Biotechnology Agriculture Technology Feb. 2015 Special Issue- 3

Kondulkar S.R., M.G. Khandelwal, U.E. Chaudhari, A.K. Wanjari Physico-Chemical Analysis of Ground Water Affected by Ganapati Visarjan , International J. of Advanced Research in Chemical Science (IJARCS) Volume 2, Issue 11, Nov 2015 PP 1-3 ISSN 2349-039X & ISSN 2349-0403.

Kondulkar S.R. & Rajesh P. Ganorkar Study on Soil Physico-chemical and Nutrients Characteristics Assessment In Zatomziri Village of warud Tahsil , Amravati District (M.S.) European J. Of Pharmaceutical and Medical Research , ejpmr,2015,2(4),256-264 .ISSN 3294-3211.

Kondulkar S.R. , Shekar R.S. A.K. Wanjari, Physico –chemical Investigation of Quality of Drinking Water Affected by Ganapati Visarjan in Maharashtra , India , American J. Pharmtech Research , Am.J.PharmTech Res.2015:5(6) ISSN 2249-3387.

Dr. Chikhale , Santape & **S.R. Kondulkar**“ Web Construction Pattern of Orb Weaving spider Eriovixia excelsa Simon, 1889 (Araneidea).” **Proceeding of Asian Spider Congress of Arachonology . Nov.15**

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- 2320-781

11. Biodiversity of birds-----vicinity in warud taluka published in vidhyabharti Interdisciplinary R.J.16

▣▣▣. of papers published in peer reviewed journals (national /international) by faculty and students-02

▣▣▣umber 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

▣▣▣onographs-Nil

▣▣▣hapter 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

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

21. Faculty as members in

a) **National committees -04**

Dr.S.R.Kondulkar-

- Life member of Indian Science congress
- Founder member of Indian Society of Arachonology
- Life member of Maharashtra Pakshi Mitra Sanstha
- Life Member of Nature Club

b) **International Committees-01** Life member of Asian society of Arachonology

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 - 03

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

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

- Dr. Chandrashekar Kasar , S.P. Mahavidhyalaya Ghatanji
- Dr. G.A. Wagh , Shri Shivaji Science College Amravati.
- Dr. Deshmukh , NGO Amravati.

25. Seminars/ Conferences/Workshops organized & Attended

a)National **01**

b) International – 01

- Attended & presented a research paper in **3rd Asian Spider Congress of Arachonology**, dated 16-19 Nov. 2015.

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	45	40	35F&5M	100%
Diploma	15	15	15F	100%
Ad.Diplma	05	05	5F	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	02%
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> 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 07/10/2015. During inauguration of the association , Dr. A.K.Solanke worked as prof.incharge of the association for the session 2014-15. Miss. Jayashri Dokane acting as president of zoological association. Guest Lecture By- Dr.Sawan Deshmukh

37. Departmental Activities-

- Department had started a career oriented course in biomedical Lab tech.Sanctioned by UGC ,65 students admitted for this session (Coordinator- Dr.S.R.Kondulkar)
- Department of Zoology organised & celebrated Wild life Week on dated-7-10-15, Guest lecture by- Dr.Sawan Deshmukh
- Department of Zoology organised Ozone day on dated-16 Sept.-15
- Department of Zoology organised Anti Drug Day on dated-26 June15 in collaboration with Police Station.
- Department of Zoology organised Guest lecture of Ambadasaji Akotkar Bhopal on EVS & Human Life on dated-2-10-15
- Dr.S.R.Kondulkar submitted MRP to UGC on Diversity of Spider of Orange Belt of Maharashtra.
- Dr.S.R.Kondulkar submitted Seminar Proposal to UGC on To study Tribals Traditional plant Knowledge and Biodiversity Conservation.

Dr.S.R.Kondulkar