

Curriculum Vitae

Dr. Ravindra Vasant Kshirsagar
M.Sc. B.Ed. Ph.D. F.G.S.B.A.S
Vice Principal and CEO
Associate Professor in Zoology



HONORS /MEMBERSHIP:

- **Recognized M.Phil and Ph.D. guide in Zoology for Savitribai Phule Pune University Recognition no: BUTR/Science/125-47 dt. 18/03/2010**
- **Secretary: GSBAS: Global Society for Basic and Applied Sciences;**
- **Associate editor and Life member of Bionanofrontier- An International Journal of Science and Technology. ISSN No-0974-0678**
- **Associated Editor and Life member of an international Journal of Biotechnology and Advanced Research**
- **Associated Editor and Life member of National Journal Biodiscovery.**
- **Life member of Association of zoologist India**
- **Member of Board of studies in Biology, Maharashtra state board of secondary and higher secondary education Pune.**

Work Experience:

- 1) Twenty Four Years teaching experience as an Assistant Professor in Zoology at U.G. and fifteen years at P.G. level.
- 2) Ten years research experience in the areas of Entomology Limnology, Toxicology and Molecular Biology.
- 3) Associated as a Project guide for Post graduate student.
- 4) Guided to 1000 Junior College teachers for their Action Research Project.

- 5) Worked as a Resource person in in-service teacher training programme for Biology teachers in Maharashtra state (2003-2009)
- 6) Recognize as Post- graduate teacher by University of Pune.
- 7) Worked as a Paper- Setter, Moderator, in Pune and Amravati University.
- 8) **Working as a Member – Board of Studies in Biology, Maharashtra State Board of Secondary and Higher Secondary Education Pune. Since 2003**
- 9) Co-ordinator and author of Std. XI. Text book of Biology Published by Maharashtra State Board of Education. (2009)
- 10) Visiting Faculty in Entomology Biotechnology, Microbiology, and Environmental science.

Research Position:

- Academic and Research Coordinator: Modern College Ganeshkhind.
- Avishkar coordinator: Modern College Ganeshkhind.
- Chairman of Research Committee: Modern College Ganeshkhind.
- Incharge : Post graduate department of Zoology.

PUBLICATIONS-

Text book-----10

- 1) Published a text book of Basic Biosciences for F.Y. B.Sc. Biotechnology students. University of Pune. Vision publications Pune.2003
- 2) Published a text book of Animal Systematic and Diversity for F.Y. B.Sc. Zoology students.University of Pune. Vision Publications.Pune.2005
- 3) Published a text book of Medical Zoology for F.Y. B.Sc. Biotechnology students.University of Pune. Vision publications, Pune.2006.
- 4) Published a text book of Animal Non chordates for F.Y. B.Sc. Zoology students. University of Pune.

Research papers published:	45
International Journal-	20
National Journal	25

Research Publications

1. Kshirsagar, R.V., Nandan, S.N., and Chaudhari, T.R. (2008). Effect of *Jatropha curcas* extract on haematological and biochemical parameters in albino rats. *Oikassay an International Journal of Allied Science*. vol. 21.
a. ISSN 0974-0678
2. Kshirsagar, R.V., Nandan, S.N., and Chaudhari, T.R. (2009). Effect of *Jatropha curcas* extract on haematological parameters in albino rats. *Bionotes journal*. vol.10(3),
3. Kshirsagar, R.V., Nandan, S.N., and Chaudhari, T.R. (2009). Toxic Effect of *Jatropha curcas* on albino rats. *Bionanofrontier Journal*. 2(1). 17-19.
4. Ravindra V. Kshirsagar, Nutan Rathod and T.R.Chaudhari (2009). Monitoring of the trace elements in the tissues of fresh water fish *Labeo angra* (Ham- Buch) From Gomai River, North Maharashtra Region. *Bionanofrontier Journal*. Vol.2 (2). pp.137-140.
ISSN 0974-0678
5. Ravindra V. Kshirsagar, Rajeshree D. Kamble and A. D. Jadhav (2010). Production of Xylanases by fungal strains from compost under solid state and submerged fermentation conditions. *Bionanofrontier Journal*. Vol.3 (1). pp. 25-28. ISSN 0974-0678
6. Ravindra V. Kshirsagar, Vibhavari Parashree and Sujata Magdum (2010). Isolation and Characterization of Bacterial spp. from Cockroaches-*Periplaneta americana*. *Bionanofrontier Journal*. Vol. 3(1). pp. 77-80. ISSN 0974-0678
7. Ravindra V. Kshirsagar (2010). Study of Rotifer fauna from Akurdi (Pune) area, (M.S.) India. *International Journal of Applied Environmental Sciences*. Vol.5 (3). pp.345-352.
ISSN 0973-6077
8. Ravindra V. Kshirsagar (2010). Toxicity evaluation of copper sulphate in fish *Gambusia affinis*. *Bionotes journal*. vol.14. pp.58
9. Ravindra V. Kshirsagar and Nutan Rathod (2010). Impact of Fenvalerate (Synthetic Pyrethroid) on dehydrogenase activity of fresh water fish *Labeo procoelus* (Ham-buch). *Bionanofrontier Journal*. Vol.3(2). pp.223-226

10. Ravindra V. Kshirsagar and Nutan Rathod (2010). Quantification of nucleic acid from freshwater fish *Punctius arenatus* (day) exposed to pesticides. International Journal of Advanced Biotechnology and Research. Vol.1 (ii) ISSN 0976-2612.
11. Ravindra V. Kshirsagar, Dnyaneshwar wackchoure, Y.B.Patil (2010). Survey of plant parasitic nematodes in the lycopersicon fields of Ahmednagar district. Bionanofrontier Journal. Vol.3 (2).
12. Ravindra V. Kshirsagar (2010). Diversity of Aquatic Bugs from lentic water bodies of Pune district, Maharashtra. International Journal of Advanced Biotechnology and Research. Vol.1 (1).pp.1-5. ISSN 0976-2612.
13. Ravindra V. Kshirsagar (2010). Studies on conchostracans in Ephemeral water bodies of koyali (Dist-Pune) Maharashtra. Biodiscovery. Vol.1.
14. Ravindra V. Kshirsagar, Nutan rathod and T.R.Chaudhari (2010). Ionic levels in the *Puntius arenatus* (day) under the influence of Monocrotophos. Bioinfolet Vol.7.pp.289
15. Ravindra V. Kshirsagar (2011). Studies on embryonic development of fruit fly belonging to family drosophilidae. Biodiscovery. Vol.2.
16. Manjeeri Deshpane, R.Chatterjee and Ravindra Kshirsagar (2011) Efficacy of Agricultural Waste for Production of Lactic acid. Bionanofrontier Journal.
17. Ravindra Kshirsagar and J.P.Saravade (2011). Zooplankton Diversity of Two lentic water bodies from Pune District. Journal of Association of Zoologist of India Vol.4 (1) PP.32-37.
18. Ravindra Kshirsagar (2011). Insecticidal activity of Jatropha seed oil against *Callosobruchus maculatus* (fabricius) infesting *phaseolus aconitifolius* jacq. Bioscan- Vol.11
19. Nutan Rathod and Ravindra V. Kshirsagar (2011) Impact of *Azadirchta indica* leaves extract on Teleost Fish. Journal of Association of Zoologist of India Vol.4 (1) PP.32-37.
20. Ravindra V. Kshirsagar and Sanjay Kharat (2013): Occurance of *dugesia* (*Planeria*) from fresh water pond Pune Bionanofrontier Journal. Vol.7 (2).pp58.
21. Pratibha Sawant and Ravindra V. Kshirsagar (2016): Ichthyofaunal diversity from manas lake bhugao pune. Bionanofrontier Journal. Vol.9 (2).pp58.

22. Aquatic Diversity from Manas Lake, Bhugaon, Pune, Maharashtra , Pratibha D. Sawant and Ravindra V. Kshirsagar. National conference on, “ Faunal diversity: Assessment and conservation” organized by Modern College Ganeshkhind Pune. ISBN: ISBN: 978-81-928564-2-1 Pp: 106 -108.
23. *Neochetina* Weevils: Potential Biocontrol Agents Of Water Hyacinth. FarukShaikh, Sachin Bishnoi, Samarth Bhosale, R.V. Kshirsagar. National conference on, “Faunal diversity: Assessment and conservation” organizedby Modern College Ganeshkhind Pune. ISBN: 978-81-928564-2-1 Pp:158.

RESEARCH PROJECT: 03

- 1) Research project entitled /- Research project entitled Absorbance spectra and heterogeneity of protein from fresh water crab of Pavana River Sactioned by University Grants Commission New Delhi, worth RS. 30,000/-
Year: 2004-06
Status : Completed
- 2) Research project entitled Application of Rotifer in Aquaculture. Sactioned by University Grants Commission New Delhi, worth RS. 95,000/-(Ninety five thousand)
Year: 2009-2011
Status: Completed
- 3) Research Project:
Studies on Diversity, Epimorphic Regeneration and Characterization of Stem cells from Fresh water Planaria. Funded by BCUD, Savitribai Phule Pune University.
Year: 2014-16
Amount: 240,000

BCUD PROJECT RESEARCH GUIDANCE TO STUDENTS

SR.	Name of the Candidate	Title of the Project	Degree 2014-16	University	Status
1	Pankaj Gorule	Diversity of planaria	M.Sc.	S.P.Pune University	Awarded
2	Chandni Verma	Study on karyotype of planaria	M.Sc.	S.P.Pune University	Awarded
3	Manoj Pise	Histology of Planaria	M.Sc.	S.P.Pune University	Awarded
4	Renuka Pothbhare	Regeneration and stem cell study of Planaria	M.Sc.	S.P.Pune University	Awarded

Research Guidance as Supervisor for Ph.D Degree

Ph.D Awarded: 6

Registered : 4

n	Name of the Candidate	Title of the Thesis	Degree	Status
1	Dr.Tejaswini Jagtap	Hydrobiological studies and ichthyofaunal diversity of eastern parts of bhima river Maharashtra	Ph.D	Awarded
2	Dr.Mukta Shinde	Studies on biodegradation of plastics by using microorganisms	Ph.D	Awarded
3	Dr.Pandit Jagtap	Analytical investigations of agricultural soil from some regions of eastern Pune maharashtra	Ph.D	Awarded
4	Miss.Pratibha Savant	Hydrobiological and spatio temporal studies on Manas lake Bhugaon Pune	Ph.D	Awarded
5	Mr.Ramprakash Bhaiyalal	Study of bivoltine species from Nontraditional Region of Maharashtra	Ph.D	Awarded
6	Neelam Redekar	Study of Attitude Knowledge about Mnstruation.	Ph.D	Awarded
7	Miss.Trupti Kale	Study of Diversity Karyotype and regeneration in planaria	Ph.D	Registered
8	Mr.Mubin Shaikh	Integrated Pest Management	Ph.D	Registered

Area of Research interest-

Entomology, Limnology and Toxicology

Consultancy: Appointed as Consultant by Ashwamedh Agrotech Limited Kopargaon for identification of agricultural Pest and formulation of various Pesticide. Expertise in identification of Zooplankton.

Link: www.youtube.com/watch?v=H4XHzzm9d6I
www.slideshare.net/ravindrakshirsagar
www.slideshare.net/ravindrakshirsagar

Workshop / Seminar/ Symposium

- 1.** Attended 87th orientation course organized by University of Pune. Dated 2nd march to 29th march 2001.
- 2.** Participated in workshop on Personality development organized by Annasaheb Magar Mahavidyalaya.
- 3.** Attended a one day workshop on Recent trends in Biotechnology and Bioinformatics organized by Shiv Chatrapati College Junnar on 26th Feb. 2003.
- 4.** Participated in Antarrashtriya Hindi sahitya sangam organized by R.M.C. College Akurdi pune 44.on 6th and 7th Jan.2003.
- 5.** Participated and presented a research paper entitled study of absorbance spectra and heterogeneity of haemocyanin from fresh water crab *Barytelphusa cunicularis* in National Symposium on Recent Trends in Life Sciences organised by Hutatma Rajguru Mahavidyalaya, Rajgurunagar, and Pune. Dated 19-20 Feb. 2003.
- 6.** Attended a one day workshop on population education and adolescence, organized by state council of education and research center (S.C.E.R.T.). Pune on 14th oct. 2003.
- 7.** Participated in creation camp organized by nature club on 6th dec. 2003. At Salisbury park. Pune.
- 8.** Actively participated in syllabus framing of XI and XII std. subject Biology in H.Sc. Board Maharashtra state.
- 9.** Actively participated in syllabus framing of F.Y.B.Sc. S.Y.B.Sc and T.Y.B.Sc. Zoology. University of Pune.
- 10.** Participated and presented paper in national conference on three decades on Project tiger in Melghat organized by Amravati University.8-9 oct, 2004.
- 11.** Participated in refresher course organized by in Environmental science organized by New. Arts commerce and science college Ahmednagar.
- 12.** Participated in refresher course in Information and Technology organized by Ramkrishna More College Akurdi Pune. 44 dated 17th Oct. to 8th Nov. 2004.
- 13.** Organized and worked as resource person in Inservice Training programme for biology teachers at S.P. College Pune. May 2004.

- 14.** Worked as a resource person on revised syllabus workshop for XII std. organized by Dnyansadhana Arts Commerce and Science College, Thane, 4th Dec. 2004.
- 15.** Participated in workshop on the formulation T.Y.B.Sc. Zoology Syllabus. Organized by department of zoology. Arts Commerce Science College, Indapur 27-28 Dec. 2004.
- 16.** Participated in 5- day workshop on education organized by Regional institute of Education. Bhopal. 3-7 Oct 2005.
- 17.** Participated and presented a research paper entitled Mutagenecity Testing of Jatropha curcas in National Seminar on New Trends in Life Sciences and Biotechnology, organized by Arts Commerce and Dadasaheb Rupwate Science College, Akole, Ahmednagar. Dated 10th and 11th Dec. 2005.
- 18.** Worked as subject expert for lesson observation in Dr. Kalmadi shamrao Junior college. 8th sept. 2005.
- 19.** Participated and presented a research paper entitled Diversity of rotifer from Akurdi area, a Taxonomic approach. In national symposium on Recent Trends in Life Sciences with Special Reference to Hydrobiology and Conservation. organised by Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Pune. Dated 16-18 Feb. 2006.
- 20.** Worked as a resource person on Revised syllabus workshop for XII std. organized by Nagpur Divisional Board, Nagpur. 20 Oct. 2007
- 21.** Worked as a resource person on revised syllabus workshop for XII std. organized by Abasaheb Garware College Pune. Dated 10th April 2007.
- 22.** Worked as a resource person on revised syllabus workshop for XII std. organized by Yashwantrao Chavan Institute of science Satara. 1/8/2007.
- 23.** Participated in workshop on the formulation T.Y.B.Sc. Zoology Syllabus. Organized by department of zoology S.S.G.M. College Kopargaon. 19th Dec. 2007.
- 24.** Participated and presented a research paper on Diversity of Rotifer and Developmental Stages in Drosophila, In National Conference on Recent Trends in Biotechnology in Context with Animal development and Environmental Science. Organized by Arts Commerce Science College, Indapur in association with UGC. New Delhi. 28-30 Jan. 2008.

- 25.** Participated and presented a research paper entitled sub acute toxicity of *Jatropha curcas* on albino rats. In National Symposium on Recent Trends in life Sciences with special reference to Environmental Biotechnology and Biodiversity, sponsored by UGC, CSIR, and Shivaji university Kolhapur, organized by Kusumtai Rajarambapu Patil Kanya Mahavidyalaya Islampur. Feb. 10-12, 2007
- 26.** Worked as a resource person on revised syllabus workshop for XII std. organized by Karmveer Bhaurao Patil College Vashi, Navi Mumbai. 23rd April 2007.
- 27.** Worked as a resource person in orientation programme for junior college under CTE Programme under Ministry of human resource development India. Conducted by P.P. College of Education. Gondia. 27- 29 Oct. 2007.
- 28.** Completed and Passed Maharashtra State Certificate Course In Information and Technology (MSCIT). 2007.
- 29.** Worked as a resource person on revised syllabus workshop for XII std. organized by Yashwantrao Chavan Institute of science Satara. Dated 2-3 April 2007.
- 30.** Worked as a resource person on revised syllabus workshop for XII std. organized by Mithibai college of Arts and Science. 24th April 2007.
- 31.** Organized and worked as chief Co-ordinator of in-service training programme for biology teachers held at Prof. Ramkrishna More College Akurdi. Pune 44. Dated 21May- 30 May 2007.
- 32.** Worked as a resource person in workshop organized by Institute of science Nagpur. 12- 13 Sept. 2007.
- 33.** Participated in one day workshop for short term courses organized by Directorate of higher education Pune. Dated 17-5 2007.
- 34.** Participated and presented a research paper entitled Toxicity Evaluation on Spurge Plants. In State Level Conference on Recent Trends in Biotechnology, Biodiversity and Environmental Aspects. Organized by new arts commerce and science college, Parner. Ahmednagar, 19- 20 dec. 2008.
- 35.** Participated and presented a research paper entitled Toxicity Evaluation on Spurge Plants. In National conference on medicinal plants, organized by S. S. V.P.S Science College Dhule. 8 Jan. 2009.

- 36.** Worked as a resource person In Inservice training Programme for junior college biology teachers' workshop organized by Yashwantrao Chavan Institute of science Satara. 21 may – 30 may 2009.
- 37.** Awarded Ph.D. Degree in Zoology from North Maharashtra University, Jalgaon. 22nd June 2009.
- 38.** Participated and worked as resource person in information and communication technology (ICT). Organized by Dr. Homi Bhaba Center for Science Education Mumbai. 26/27 Oct. 2009.
- 39.** Participated and presented a research paper entitled Studies on Conchostracans in ephemeral water bodies of koyali (Dist-Pune) Maharashtra. In national conference on recent trends in life sciences. Organized by Annasaheb Magar College, Hadapsar, Pune Dated 18-19 Dec.2009.
- 40.** Worked as Resource person in teacher training programme organized Human Resource Development Department India, in PP College Gondia. 25-27 Dec.2009.
- 41.** Worked as resource person for Environmental awareness Programme organized by PCMC Corporation, Pune. 12/1/2010.
- 42.** Appointed as a guest lecturer under Quality Improvement Programme of University of Pune. In Arts Commerce and Science College, Nasarapur, dated 27/1/2010.
- 43.** Worked as resource person in NAAC seminar organized by K.J.Somayya college, Kopargaon, dated 5 Oct-2010.
- 44.** Participated in Practical workshop on new syllabi organized by Dept.of Zoology, University of Pune. Dated-27-31 August-2010.
- 45.** Appointed as a guest lecturer under Quality Improvement Programme of University of Pune. In Arts Commerce and Science College, Nasarapur, dated 27/10/2010.
- 46.** Worked as resource person in state level seminar on pesticide impact on environment organized by K.J.Somayya College, Kopargaon, dated 7-8 jan-2011.
- 47.** Invited as guest lecture on competitive exam in N.M.V.Girls College, pune.

- 48.** Worked as resource person in National conference on medicinal plant organized by K.J.Somayya College, Kopargaon dated 4-6 Feb.2011.
- 49.** Participated and presented a research paper on Fish diversity in state level conference recent trends in life sciences organized by Arts commerce and Science College Pirangut, Pune-11 and 12 Feb.2011.
- 50.** Participated and presented a research paper in International conference on Biodiversity and its conservation organized by S. V.P.S Science College Dhule. 12-13 Jan. 2011.
- 51.** Worked as paper setter in Maharashtra Rajya Pariksha Parishad Dated-21/08/2011.
- 52.** Participated and presented a research paper in national seminar on Research methodology: Organised by JYT University and Moment institute pune dated-29-30/09/2011.
- 53.** Attended one day workshop on XIth Five-year Plan of U.G.C. organized by Rajur College dated 13 oct.2011.
- 54.** Participated and presented a research paper and awarded first prize in national conference on International year of Biodiversity 2010 A review on Indian Biodiversity and its conservation organized by Shivaji College Parbhani dated 16-17 December-2011.
- 55.** Appointed as a guest lecturer under Quality Improvement Programme of University of Pune. In Arts Commerce and Science College, Nasarapur, dated 21/01/2012.
- 56.** Worked as Resource person state level seminar on recent trends in Biodiversity, Global warming and Biotechnology organized by Annasaheb Awate College Manchar 3-4 Feb.2012.
- 57.** Participated and presented a research paper in national conference on Importance of NAAC Accreditation in college Development organized by Dr.D.Y.Patil College Pimpri 6-8 Feb.2012.
- 58.** Participated and presented a research paper in national seminar on Recent advances in chemical and environmental Science (Races-2012) organized by Prof.Ramkrishna More College Akurdi, Pune-44 Dated-10-12 Feb.2012.
- 59.** Worked as resource person in National conference on Recent trends in Life Sciences With special Emphasis on Environmental Pollution. Organized by E.S.Divekar College Varvand on 15-17 March-2012.

60. Worked as resource person in state level teacher training programme on upgraded syllabus of Maharashtra state Board organized by Maharashtra state Board Education on 26-28 April-2012.
61. Worked as resource person in Teacher training Programme on upgraded syllabus of Maharashtra state Board organized by Pune District Education Association on 06/07 July-2012.
62. Participated and Presented Research paper on Regeneration of Planaria in State level conference on significance of Biotechnology organized by Mahatma Phule College on 20 and 21st September 2013.
63. Worked as Resource person in National conference on Recent Trends in Life Sciences with reference to Biotechnology and Applied Zoology organized by Yashwantrao Chavan college of Science Karad on 27-28 September 2013.
64. Participated in Hands on training in Tools and techniques in biochemistry and Molecular biology 25th and 26th Oct 2013. organised by K.T.H.M.College, Nasik.
65. Participated in CLOUD COMPUTING State level workshop on 7th Oct 2013.
66. Invited as a guest speaker on NAAC Reaccreditation Process organized by Swami Muktanand college of Science, Yeola on 11/7/2013.
67. Invited as a guest speaker on NAAC Reaccreditation Process organized by saraswati Night college Pune.
68. Invited as a guest speaker on NAAC Reaccreditation Process organized by Mamasahab Mohol College Pune.
69. Invited as a guest speaker on NAAC Reaccreditation Process organized by Bhelke college Nasarapur on 5 Jan 2014.
70. Worked as Avishkar coordinator-2013: Zonal level Research completion Pune Organized by BCUD University of Pune on 10th December 2013.
71. Invited as a guest speaker in NSS Camp organized by college at Garade Tal:Bhor
72. Epimorphic regeneration in *Dugesia tigrina*, planaria". Ravindra V. Kshirsagar Pankaj Gorule, Manoj Pise and Chandani Verma "Recent trends in Life Sciences". Organized by S.M. Joshi college Hadapsar Pune. ISBN 978-93-5235-362-0, pp- 75-77.

73. Presented and Participated Research paper on bird diversity from Manas lake. Ravindra V. Kshirsagar. National conference on, "Biodiversity" organized by YCM college, Kothrud Pune.
74. Aquatic Diversity from Manas Lake, Bhugaon, Pune, Maharashtra , Pratibha D. Sawant and Ravindra V. Kshirsagar. National conference on, "Faunal diversity: Assessment and conservation" organized by Modern College Ganeshkhind Pune. ISBN: ISBN: 978-81-928564-2-1 Pp: 106 -108.
75. *Neochetina* Weevils: Potential Biocontrol Agents Of Water Hyacinth. FarukShaikh, Sachin Bishnoi, Samarth Bhosale, R.V. Kshirsagar. National conference on, "Faunal diversity: Assessment and conservation" organized by Modern College Ganeshkhind Pune. ISBN: 978-81-928564-2-1 Pp:158.
76. Presented and Participated Research paper on Role of social media in academic enhancement in National Seminar on Academic and Administrative Audit organized by B.G.College Sangvi at Yashada on 7 and 8th jan.2017.
77. Organized and worked as Coordinator for state level conference on Innovative Teaching Pedagogy dated 22/23/Feb.2019 sponsored by QIP S.P.P.U.
78. Participated in international level stem teacher training workshop on Research based pedagogy tools from 28 Septs. to 1 October 2018.
79. Invited as Resource Person in National Conference on Recent Trends in life Sciences organized by Department of Zoology Poona College Pune.Dated 4/5 Jan.2019.
80. Invited as Resource Person in National Conference on Recent Trends in life Sciences organized by Department of Zoology Poona College Pune.Dated 4/5 Jan.2019.
81. Invited as Resource Person in state Conference on Biodiversity and its conservation organized by K.J. SOMAIYA College Kopargaon, Ahmednagar.
82. Participated in International conference on International Conference on "Sustainable Materials for Advanced Research in Technology" (SMART – 2019 organized by B.G. College Sangvi Pune.
83. Participated in International conference organized by R.M. College Akurdi Pune 44

Extension work;

- 1) Extension work in rural, tribal and traditional farmers of pune district regarding development techniques in agriculture like Sericulture, Apiculture and Sericulture.
- 2) Environmental campaign in the form of slide show, lecture and study tour.
- 3) Worked as chairman of cultural committee and member of NSS, Health and Science Association committee.
- 4) Invited on Marathi Doordarshan Kendra Varali, Mumbai. for discussion on Maharashtra Board syllabus.14th April 2006
- 5) Co-ordinator of UGC scheme of coaching classes for entry in services for SC/ ST students under X plan.
- 6) Assistant co-coordinator for NAAC 2009.
- 7) Resource person in guiding NAAC.
- 8) Free consultancy in Ashwamegh agricultural Farm, in identification of various agricultural pest.
- 9) Co-ordinator of TYBSC Zoology Practical Examination.
- 10) Assistant Director of Central Assessment Programme for SY/TY.V.Com May.2016.
- 11) Academic and Research coordinator

AWARDS/ ACHIEVEMENTS:

1. **“YOUNG SCIENTIST” AWARD- 2008**, In National Conference on Recent Trends in Biotechnology in Context with Animal development and Environmental Science. Organized by Arts Commerce Science College, Indapur in association with UGC. New Delhi. 28-31 Jan. 2008
2. “Dandi Puraskar” From Maharashtra Pradesh Congress committee. On 19th Oct. 2003.
3. “Swami Vivekananda Dnyan Puraskar” 2003.
4. Awarded from Sangharsh Pratishtan Pune.
5. “Adarsh Shikshak” Puraskar.
6. “Bhimratna Puraskar” 2004.
7. Life member and Associate editor of an International Peer reviewed Journal

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8. Life member and Associate editor of an **International Journal of biotechnology**.
9. Life member and Associate editor of National Journal Biodiscovery.
10. Life member and Associate editor of an International Journal of Association of Zoologist, India **ISSN 2229-6549**.
11. Awarded **second** Prize for best paper presentation in National Conference in life sciences. Organized by Annasaheb Magar College, Hadapsar, Pune Dated 18-19 Dec.2009.
12. Participated and presented a research paper and **awarded first prize in** national conference on International year of Biodiversity 2010 A review on Indian Biodiversity and its conservation organized by Shivaji College Parbhani dated 16-17 December-2011.
13. **National level Senior Scientist Award (2015):** Awarded in National Conference Emerging trends in Physical, chemical and life science organised by Zoological Society of India held in Waghire College, Saswad 16-18 Feb.2015.
14. **Innovative Teaching Award .2016-**by Savitribai Phule Pune University and National Academy of Sciences India.
15. **Distinguished Scientist Award in Global Science Summit at Dubai UAE 4 Nov. 2019.**
16. **Best oral Presentation Award in international conference ON RAFA:2021**

Overseas/Abroad:

Participated and Presented research Paper on Regeneration and Stem cell study in Planaria at International conference on Emerging trends and challenges in science and technology ETCST-14 in **Bangkok, Thailand. During 3-8 Nov.2014.**

Dr.Ravindra Kshirsagar