

Curriculum Vitae

Dr. Rahul Sudhakar Kale
(M.Sc., Ph. D., F.A.Z.I.)
Head, Department Of Zoology
M. G.V's, Arts, Science & Commerce College,
Manmad, Tal. Nandgaon, Dist. Nashik
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Nationality : Indian
Date of Birth : 28th October, 1978
Caste : S.C.
Sex : Male
Marital Status : Married
Language Known : Marathi, Hindi and English
Date of Joining : 14th August, 2008
Present Designation : HOD & Assistant Professor
Approval Ref. & Date : CCO/1861 On dated 13/02/2010
Educational Qualification : M.Sc., Ph. D. (Zoology), F.A.Z.I.

Sr. No.	Class	Year of Passing	Marks Obtained	Percentage	Division
1	S.S.C	July-1996	455/720	60.66%	1 st
2	H.S.C	June-1998	413/600	68.83%	1 st
3	B.Sc.	June-2001	2525/3700	68.24%	1 st
4	M.Sc.	June-2003	627/1000	62.70%	1 st
5	Ph. D.	Awarded by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.) at Department of Zoology on 12 th September, 2007.			

➤ *Work Experience:*

Name of the College	Date of Joining	Date of Leaving	Post Held	Experience
Gajanan Arts and Science College, Golegaon, Tq. Sillod, Dist. Aurangabad (M.S).	15 th June, 2005	14 th Dec, 2007	Lecturer (Contributory)	2 ½ Years (U.G)
M.G.Vidyamandir's, L. V. H. College, Panchavati, Nashik-3	14 th August, 2008	30 th July, 2010	Asst. Professor	2 Years (U.G. & P.G.)
M.G.Vidyamandir's, Arts, Commerce & Science College, Manmad, Nashik.	31 th July, 2010	23 rd June, 2013	Asst. Professor	3 Years (U.G.)

M.G.Vidyamandir's, Arts, Commerce & Science College Surgana, Nashik.	24 th June, 2013	18 th August, 2015	Asst. Professor	2 Years (U.G.)
M.G.Vidyamandir's, Arts, Commerce & Science College, Manmad, Nashik.	19 th August, 2015	Till Date	Asst. Professor	(U.G.)

➤ **Academic Progress:**

Sr. No.	Academic Courses	From	To	Subject	A.S. C.
1	Orientation Course	02/06/2011	29/06/2011	87th Orientation	UGC-ASC, Dr. B.A.M.U., Aurangabad
2	Refresher Course	01/01/2013	22/01/2013	Research Methodology	UGC-ASC, Dr. B.A.M.U., Aurangabad
3	Faculty Development Programme	19/01/2015	25/01/2015	Train the Trainers - Soft Skills	UGC-ASC, Savitribai Phule Pune University, Pune
4	Refresher Course	17/11/2015	08/12/2015	Biology	UGC-HRDC, Dr. B.A.M.U., Aurangabad
5	Special Summer School Programme	22/05/2017	10/06/2017	Special Summer School Programme	UGC-HRDC, Dr. B.A.M.U., Aurangabad

➤ **Research Activity: Minor Research Project completed: 01**

Sr. No.	Title	Funding Agency	Period	Grant / Amount Mobilized (Rs. Lakh)
1	Effect of β -estradiol hormone on vitellogenin level in haemolymph with reference to ovarian maturation in freshwater crab, <i>B. Cunicularis</i>	BCUD, Savitribai Phule Pune University	2012 - 2014	2,25,000/-

➤ **Conferences/Seminars/Workshops etc., organized:**

Sr. No.	Title of Conferences/Seminars/Workshops etc., organized	International/National/State/Regional/University Level	Funding Agency	Duration	Convener/Co-ordinator
1.	Emerging Trends and Challenges in Life Sciences: A Biotechnological Approach	State Level – Seminar	Savitribai Phule Pune University	Two Days- 12&13 Jan. 2018	Convener
2.	Workshop on - Sericulture	State Level - Workshop	Savitribai Phule Pune University	Two Days- 15 &16 Feb. 2019	Convener

3.	Chemical Pesticides and Impact on Environment and Human Health: The Urgent Need for Exploration in Agriculture	State Level – Conference	Savitribai Phule Pune University	Two Days- 06 th & 07 th January, 2020	Convener
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➤ **Professional recognition, Awards, Fellowship Received:**

- Awarded “**Rajiv Gandhi National Junior Research Fellowship**” (RGNJRF) for SC/ST candidates from, 01-04-2005 to 31-03-2007. Ref. No. F. 16-26/2006 (SA-II) dated 2nd March, 2007.
- Awarded as a fellow of “**Association of Zoologists, India**” on 22.01.2019.

➤ Co-ordinator, Paramedical Diploma course under Community College.

➤ **Social Commitment** : Serving to society as **Co-ordinator** in Sanjivani Bahhuddeshiya Sevabhavi Sanstha, Aurangabad (NGO)

➤ **Other Qualification:**

- 1) Computer certificate
- 2) Type writing certificate 30 W.P.M.

➤ **Other Activities :**

- 1) Worked as committee member of “Soft Skills Development Programme” 5-15th Jan. 2010 in L.V.H. Mahavidyalaya, Panchavati, Nashik-3
- 2) Worked as Co-ordinator of “Soft Skills Development Programme” for the academic year 2014-15 at Arts, Science & Commerce College Surgana, Nashik.

➤ **Paper’s published: 10**

1. K. B. Shejule, P. S. Kharat and **R. S. Kale** (2006): Toxicity of Organotin Tributyltin Chloride to freshwater prawn, *Macrobrachium kistnensis*. *Aquacult*, Vol.7 (1): 141-144.
2. **R. S. Kale**, K. B. Shejule, P. S. Kharat and A. K. Sonawane (2008): Induced ovarian maturation by 17 α - Hydroxy progesterone in freshwater crab, *Barytelphusa cunicularis*. *Journal of Aquatic Biology*, Vol. 23(2): 109-112.
3. **R. S. Kale**, K. B. Shejule, P. S. Kharat and A. K. Sonawane (2008): Study of Induced ovarian maturation by hormone and eyestalk ablation in freshwater crab, *Barytelphusa cunicularis*. *Aquacult*, Vol. 9(2): 211-215.
4. P.S. Kharat, Laxmi B. Ghoble, K.B. Shejule, **R.S. Kale** and B.C. Ghoble (2009): Impact of TBTCI on Total Protein Content in Freshwater Prawn, *Macrobrachium kistnensis*. *Middle-East Journal of Scientific Research*, 4 (3): 180-184.
5. **R.S. Kale**, K.B. Shejule and A.K. Sonawane (2011): Hormone induced biochemical changes in the ovary and hepatopancreas in freshwater crabs, *Barytelphusa cunicularis*. *An international Journal of Life science “The Bioscan”*, Vol.6 (2): 199-201.
6. **Kale RS, 2017**. Effect of β - estradiol hormone and eye stalk ablation on ovarian maturation in fresh water crab, *Barytelphusa cunicularis*, *Bioscience Discovery*, **8**(2):140-145.
7. **Kale RS, 2017**. Influence of β - estradiol hormone and eyestalk ablation on Protein Metabolism in fresh water crab, *Barytelphusa cunicularis*. *Bioscience Discovery*, **8**(3):602-607.

8. **Kale RS, 2019.** Impact of 17 α -Hydroxy-progesterone and eyestalk ablation on ovarian maturation in relation to protein changes in the ovary and hepatopancreas in fresh water crab, *Barytelphusa cunicularis*, **Biosc.Biotech.Res.Comm. Vol.12(4): 945-952.**

9. **R. S. Kale, 2020.** Influence of β -estradiol hormone and eyestalk ablation on lipid metabolism in ovary and hepatopancreas of fresh water crab, *Barytelphusa cunicularis*. **Uttar Pradesh Journal of zoology**, 41(5): 1-6.

10. A.K. Sonawane and **R.S. Kale, 2020.** Variations in the Gonadosomatic & Hepatosomatic Indices during Annual Reproductive Cycle of the freshwater Female Prawn, *Macrobrachium rosenbergii*. **Mukt Shabd Journal**, Vol- 9(4): 197 -209.

➤ **Conference/Symposium/Seminar /Workshop etc. attended & Paper Presented: 39**

Level	Conference	Seminar	Workshop	Symposium
International	02	-	-	-
National	08	05	-	01
State	06	12	03	-
Regional	02	-	-	-
University	-	-	02	-

1. National Conference on “Fish and Their Environment” on February 9-11, 2004 held at Department of Zoology Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.) India.
2. 16th All India Congress of Zoology and National Symposium on recent advances in animal research with special emphasis on invertebrates on October 21-23, 2005 held at Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.) India.
3. 23rd National Conference of Indian Society for comparative animal physiology and Frontiers in applied animal sciences on October 16-18, 2006 organized by Department of Zoology, Shivaji University, Kolhapur- 416 004.
4. 18th All India Congress of Zoology and National Seminar on “Current Issues on Applied Zoology and Environmental Sciences with Special Reference to Eco-restoration and Management of Bio-resources” (SCIAZE) jointly organized by University of Lucknow and B.B. Ambedkar university, Lucknow from December 7-9, 2007.
5. National Conference on “Animal Bio-diversity and Sustainable Development” organized by Department of Zoology, Shri Krishna Mahavidyalaya, Gunjoti, Tq. Omerga Dist. Osmanabad (M. S.), from January 11-12, 2008.
6. National Seminar on “Modern Concepts in Animal Biodiversity And Biotechnology” organized by Department of Zoology, Milind College Of Science, Nagenvana, Aurangabad (M.S.), on 21st and 22nd August, 2008.
7. National Seminar on “Recent Advances in Conservation of Water and Agriculture Management” organized by Department Of Zoology, M. S. G. Arts, Science and Commerce College, Malegaon, Dist. Nashik (M.S.), on 10th September, 2008.

8. National Seminar on “Modern Trends for Nature Conservation” organized by Department of Zoology, Balbhim Arts, Science and Commerce College, Beed (M.S.) held on 4th and 5th October, 2008.
9. International conference on “Technologies for Mitigation of Environmental Pollution and their Applications in Conservation of Aquatic Ecosystem” from 11th -13th, December, 2008 held at Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.) India.
10. National Conference on “Present Scenario of Environmental Pollution and its Effect on living organisms” organized by Department Of Zoology, Govt. College of Arts and Science, Aurangabad (M.S.) held on 9th -11th December, 2009.
11. State Level seminar on “Biodiversity and its Conservation” organized by Department of Botany, L.V.H. Mahavidyalaya, Panchavati, Nashik-3 held on 16th Jan. 2010.
12. State Level Seminar on “Integrated Pest Management” organized by Department of Zoology, Arts, Commerce and Science College, Lasalgaon on 29 and 30 Jan. 2010.
13. State Level Seminar on “Critical Concepts in Electrochemistry” Organized by Department of Chemistry, Arts, Commerce and Science College, Manmad (Nashik) on 21-22, Jan. 2012.
14. State Level Seminar on “Natural Resources, Development and Environment” Organized by Department of Zoology, Arts, Commerce and Science College, Manmad (Nashik) on 23rd, Jan. 2012.
15. State Level Seminar on “Environment & Climate Change & Its Impact on Biodiversity” Organized by Department of Zoology, Mrs. K.S.K. College, Beed on 24th, Jan. 2012.
16. State Level Seminar on “Current Trends and Challenges of Biodiversity Conservation” Organized by Department of Zoology, K.J. Somaiya College, Kopargaon. Dist. Ahmednagar on 10-11, Feb. 2012.
17. National Seminar on “Recent trends in Research on Faunistic Biodiversity and Life Processes for Sustainable Livelihood.” Department of Zoology, Lal Bahadur Shastri Sr. College, Partur on 7th & 8th September, 2012.
18. Poster presentation at INNOVATION-2013, 16th April, “Regional Research Conference” organized by (BCUD) University of Pune, At Ahmednagar College, Ahmednagar.
19. State Level Seminar on “Awareness, Motivation and Technology Transfer for Development of Beekeeping in rural areas” Organized by Department of Zoology, M.S.G. College, Malegaon, Dist. Nashik on 8th & 9th, Feb. 2013.
20. Regional Research Conference “INNOVATION- 2014” organized by (BCUD) University of Pune, Pune, held at Baburaoji Gholap College Sangvi, Pune on 29th April -2014
21. State Level Workshop on “Different Biochemical Techniques” Organized by Department of Zoology, L. V. H. College, Panchvati, Nashik on 12th & 13th, Jan. 2015.
22. State Level Workshop on “Poultry Diseases and Management” Organized by Department of Zoology, Karmveer Ramraoji Aher, Arts, Science & Commerce College, Deola (Nashik) on 30th Dec., 2015.

23. State Level Conference on “ Contemporary Catastrophe of Environment and Potential of Bio-resources to ease the Challenges” Organized by Department of Zoology, K.J. Somaiya College of Arts, Commerce & Science, Kopargaon Dist. Ahmednagar on 15 & 16, Jan., 2016.
24. State Level Conference on “ Emerging Trends in Natural and Environmental Science” Organized by Department of Botany, Zoology and Chemistry, Arts, Commerce and Science College, Manmad (Nashik) on 27th & 28th, Jan., 2016.
25. National Conference on “ Academic Reforms in Higher Education in the Subjects of Commerce and Economics in the Global Scenario” Organized by Department of Commerce and Economics, Arts, Commerce and Science College, Manmad (Nashik) on 4th & 5th, Feb., 2016.
26. State Level Conference on “ Global Atmospheric Change” Organized by Department of Botany and Zoology, Arts, Commerce and Science College, Manmad (Nashik) on 15th & 16th, Feb., 2016.
27. UGC sponsored Conference on “ Research Methodology in Social Sciences” Organized by Department of Economics, Karmaveer Ramraoji Aher, Arts, Science and Commerce College Deola, Nashik on 15th & 16th December, 2016.
28. BCUD Savitribai Phule Pune University sponsored State Level Seminar on “Impact of Bharat Ratna Dr. B.R. Ambedkar's Thoughts on Indian Economy” organized by Department of Economics, Arts, Science & Commerce College Manmad, Nashik on 22nd & 23rd December, 2016.
29. National Level Conference on “Current Trends in Life Sciences for Rural Empowerment” organized by Department of Botany & Zoology, Rajarshi Shahu Arts, Commerce & Science College Pathardi Tq. Phulambri, Aurangabad on 30th January, 2017 (PAPER PRESENTED).
30. National Level Conference on “Current Trends in Life Sciences for Rural Empowerment” organized by Department of Botany & Zoology, Rajarshi Shahu Arts, Commerce & Science College Pathari Tq. Phulambri, Aurangabad on 30th January, 2017 (SECOND PRIZE IN PAPER PRESENTATION).
31. National Level Conference on “Current Trends in Life Sciences for Rural Empowerment” organized by Department of Botany & Zoology, Rajarshi Shahu Arts, Commerce & Science College Pathari Tq. Phulambri, Aurangabad on 30th January, 2017 (SESSION CHAIRMAN).
32. State Level Seminar on “Biodiversity: Importance and Conservation” organized by Department of Zoology, Arts, Science & Commerce College Surgana, Nashik held on 10th Jan. 2018.
33. Two Days State Level Seminar on “Emerging Trends and Challenges in Life sciences: A Biotechnological Approach” organized by Department of Zoology & Botany, Arts, Science & Commerce College Manmad, Tal. Nadgaon, Nashik held on 12th & 13th Jan. 2018.
34. State Level Seminar on “Advances in Environmental Sciences” organized by Department of Zoology, Arts, Science & Commerce College Nampur, Tal. Baglan, Nashik held on 19th Jan. 2018.
35. University Level one day workshop for Academic Research Coordinators (ARC) on – 14.09.2018 at Environmental Science Department, Savitribai Phule Pune University, Pune.

36. State Level Interdisciplinary Seminar on “Waste Management Strategies: Reduce, Reuse and Recycle” organized by Department of Botany, Arts, Science & Commerce College Surgana, Nashik held on 17th & 18th Jan. 2019.
37. Two Days State Level Conference on “Advances in Life Sciences for Sustainable Development” organized by Department of Zoology, Dadapatil Rajale Arts, Science & Commerce College Adinathnagar, Tal. Pathardi, Dist. Ahmednagar in collaboration with AZI, held on 22nd & 23rd Jan. 2019.
38. Two Days State Level Workshop on “Sericulture” organized by Department of Zoology & Botany, Arts, Science & Commerce College Manmad, Tal. Nadgaon, Nashik held on 15th & 16th Feb. 2019.
39. University Level one day workshop for Academic Research Coordinators (ARC) on – 11.10.2019 at Environmental Science Department, Savitribai Phule Pune University, Pune.
40. International conference on Recent Advances in Life Sciences for betterment of Environment & Human Health (ICRALBEH-2019) & 8TH Annual Session of Society of Life Sciences on 14th & 15th December, 2019 organized by Govt. Holkar Science College Indor, M.P.
41. Organized Two Days State Level Conference on “Chemical Pesticides and Impact on Environment and Human Health: The Urgent Need for Exploration in Agriculture” on 06th & 07th January, 2020 organized by Department of life sciences, Arts, Science & Commerce College Manmad, Tal. Nadgaon, Nashik.

Online Courses done during Lockdown period

Sr. No.	Organizer	Topic	Duration
1	MGV's, S.P.H. Arts, Science and Commerce Mahila Mahavidyalaya Malegaon Camp Dist. Nashik	COVID-19 Awareness Online Quiz 2020	21.04.2020
2	Dr. Vishwanath Bite	Online Certificate Course on e-Content Development	22-31, April-2020 (10 Days)
3	MGV's, Arts, Science and Commerce College Surgana, Dist. Nashik	COVID-19 Awareness Online Quiz 2020	25.04.2020
4	MGV's, LVH Arts, Science and Commerce College Panchavati, Dist. Nashik-3	02 Days online Webinar on – Conceptual understanding of geographical indications, patents & copyrights	09-10, May-2020 (02 Days)
5	SIES College of Arts, Science and Commerce (Autonomous), Sion (West), Mumbai	Innovations & Entrepreneurship Ecosystem in Educational Institutes	10.05.2020
6	Jawahar Arts, Science and Commerce College Anadur, Tuljapur. Dist. Osmanabad	Online quiz on – Environmental Awareness among Society	05.11.2020

7	Shriram Sadashiv Dhamankar College of Commerce, Science and Arts, Nashik	COVID-19 Awareness Online Quiz 2020	05.11.2020
8	Prof. Ramkrishna More, Arts, Commerce & Science College Akurdi, Pune	<i>International Webinar in Zoology on , Controlling Mosquito to Protect Public Health:- West-Nile , Zika , Chikungunya & Dengue Viruses</i>	11.05.2020
9	Sandip Foundation's Sandip Institute of Technology & Research Centre, Nashik.	One Week Online Faculty Development Programme on "Effective Proposal Writing for Research and Funding"	13th May to 18th May 2020 (One Week-FDP)

Place: Manmad, Nashik

Date:

Signature

Dr. R.S. Kale