



Dept of Zoology

Year of Establishment	:	1992
U.G.: 1992	:	B.Sc.
M.Phil/Ph.D	:	N.A.
Certificate Courses	:	...01

Faculty Profile: Teaching Staff

Sr. No.	Photo	Details
1		Name:Prof. Dr. Kiran Dhanaji Ahirrao Position:Professor & Head Department of Zoology. Qualification: M.Sc. Ph.D. FZSI Experience:UG: 31 years PG: 05 years Mobile No: 9422784578 Email ID: drkiranahirrao@gmail.com
2		Name:Asst. Prof. Sanjay Nilkanth Patil Position:Assistant Professor Department of Zoology. Qualification: M.Sc. M.Phil. Experience:UG: 30 years Mobile No: 9860861868 Email ID: snpzoorl@gmail.com
Non-teaching Staff		

1		Dr. Mangesh Sudhakar Tambe Position: Lab Assitant Qualification: B.Sc. Ph.D. Experience: UG: 27 years Mobile No: 9422225288 Email ID: mangeshtambe115121973@gmail.com
2		Name: Shri. Shivaji Hiranman Patil Position : Lab Attendant. Qualification: HSC Experience: UG: 25 years Mobile No: 9975695575 Email ID: shivajihpatil5@gmail.com

COURSES OFFERED

Sr. No.	Class	Sem	Course Code	Name of the Course	Link
1	FYBSc	I	ZOO-101	Invertebrate Zoology	View
2	FYBSc	I	ZOO-102	Grasshopper-The Non-chordate	View
3	FYBSc	I	ZOO-103	Practical Zoology	View
4	SYBSc	III	ZOO-301	Physiology	View
5	SYBSc	III	ZOO-302	Biochemistry	View
6	SYBSc	III	ZOO-303	Practicals	View
7	SYBSc	III	ZOO-304	Apiculture	View
8	FYBSc	II	ZOO-201	Vertebrate Zoology	View
9	FYBSc	II	ZOO-202	Frog: The Chordate	View
10	FYBSc	II	ZOO-203	Practical Zoology	View
11	SYBSc	IV	ZOO-401	Genetics	View
12	SYBSc	IV	ZOO-402	Evolutionary Biology	View
13	SYBSc	IV	ZOO-403	Practicals	View

14	SYBSc	IV	ZOO-404	Medical diagnostics	View
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B.Sc. Zoology Programme Specific Outcome:

Sr. No.	After Studying the program the students will be able to do the following jobs or farms
1	He may set up his own Wormery unit at very low budgets with effective productivity.
2	He may set up his own Apiary Center at very low budgets with effective productivity.
3	After graduation, he may have several job opportunities like: MR,Teacher, UPSC/MPSC

Certificate Courses in Zoology :

Sr. No.	Classes	Duration	No. of times offered in year	Course Name
1	FY/SY/TY	30 hours	Once	Honey bee keeping

Syllabi of Certificate Course:

Unit:1: Biology of bee

Unit-2: Rearing of bee

Unit-3: Diseases and Enemies of bees and Control Measures

Unit-4: Bee Economy

Unit-5: Enterpreunership.

Link:

Project: MAJOR RESEARCH PROJECT : 01 Completed

Sr. No.	Title of Project	Name of Sponsoring Agency	Period	Grant /Amount in Lakhs
1	Molecular approach in understanding the genetic diversity of mosquitoes from the Maharashtra by using COI gene I	University Grants Commission	5 years	8.4 Lakhs

Authorized Books / Papers:

A) BOOKS : 08 published(Chapters edited in text books)

Sr. No	Title of the Book	Name of the Publisher	Chapter in edited book
1	Applied Zoology FYBSc-I Sem-II	Prashant Publications	National level: ISBN 978-93-85019-78-4
2	Nonchordates-II, SY Zoo-231	Prashant Publications	National level: ISBN 978-93-81546-33-8
3	Nonchordates-II, SY Zoo-231	Vrinda publications	National level: ISBN: 978-93-85028-64-9
3	Chordates-II	Prashant Publications	National level: ISBN 978-93-82414-53-7
4	Practical Zoology	Prashant Publications	National level: ISBN 978-93-81546-72-7
5	Medical Zoology SYBSc Sem – iii ZOO-232	Prashant Publications	National level: ISBN 978-93-81546-35-2
6	SYBSc-III,ZOO-301 Physiology	Academic Publications	National level: ISBN: 978-93-89493-07-8
7	SYBSc-IV,ZOO-404 Medical Diagnostgics	Academic Publications	National level: ISBN:978-93-89493-07-8
8	FYBSc-I Sem-I ZOO 101-102	Academic Publication	National level: ISBN:978-93-93727-06-0
9	FYBSc-I Sem-II ZOO-201	Academic Publication	National level: ISBN:
10	FYBSc-I Sem-II ZOO – 202:	Prashant Publication	National level: ISBN:978-93-95227-64-3

Frog: THE CHORDATE		
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B) RESEARCH PUBLICATIONS: 34 Research & Review papers are published:

Sr. No.	Details of Publication/ Title of research papers	Publication/ Journal	Author (s) / Editor (s)	Level and year of Publication	ISSN/ISBN
1	Study of ant diversity and function indisturbed and changing habitats	Airo intertnational journal	S. N. Patil	International	ISSN 2320-3714
2	Study on schematic structure of radionuclide transfer from industries and power plats Atmosphere ; in air, soil, and water	Research review journals	S. N. Patil	International	2455-3085 (online)
3	Studies on biochemical content of <i>Stilesia sp.</i> (Cestoda: Anaplocephalidea) in <i>Capra hircus</i> (L) from Nasik region.	International journal of science and research (IJSR0	S. N. Patil	International	ISSN: 2319-7064
1	Effect of sevin on Protein and amino acid content of the snail, <i>Thiara lineata</i> .	J. Adv. Sci. and Tech.7(I&II) , pp20-24.	Ahirrao K. D. and R. P. Borale	National 2004	ISSN:0971-9563 7 (I and II) indexed
2	Effect of sevin on lipid and cholesterol content of the snail, <i>Thiara lineata</i> .	Bioinfolet 2(2) : 2005 pp126-129	Ahirrao K. D. and A. B. Kulkarni	National IF=0.6 2005	ISSN 0973 - 1431 Pear-reviewed IF=0.6
3	A Check list of local birds of Parola, district	Indian streams of research	Ahirrao Kiran	International IF= 4.16	ISSN 2230-7850

	Jalgoan (MS) India”	journal Feb 2011 PP 1-6		Feb 2011	Pear- reviewed
4	“Paradox LC ₅₀ due to Physico-chemical parameters in a fresh water snail, <i>T. lineata</i> ”.	Indian streams of research journal Feb 2011 PP 1-6	Ahirrao Kiran	International Feb 2011	ISSN 2230- 7850 Pear- reviewed
5	Variations in LC ₅₀ of some pesticides due to some physio-chemical parameters and impact of neurosecretory cells of fresh water snail, <i>Thiara lineata</i> .	Journal of research in biology Ficus Publication Vol 2No.1 2012 PP 050-056	Ahirrao K.D. and G.D.Khedkar	International IC Value=5.09 2012	ISSN - Print: 2231 -6280; Online:2231 - 6299
6	Icthyodiversity of the Rangawali dam, Navapur, Dist- Nandurbar. PP 241-245	J. of res. in bio.Ficus Publicati Vol:2 No.3, 2012	Jaiswal and K.D.Ahirrao	International IC Value=5.09 2012	ISSN Print: 2231 -6280; Online:2231 -6299.
7	Fluctuations trends in HIV outbreaks in Parola(MS).	Shodhankan Issue 1, Vol-2 PP 15-18	Ahirrao K. D.	International IF=0.421 Jan. 2012	ISSN 2250 – 0383
8	Studies on develop-ment of <i>L. acuminata</i> with respect to age and length relationship and relative condition factor(Kn)	Journal of Research in Animal Science Vol- 1/No.2:2013 pp055-059	Borale R.P. And K.D.Ahirrao	Inter-National -[21-02-2013] IC Value=5.09	ISSN - Print: 2319 - 1589; Online: 2319 - 1597
9	An outbreak of Honour killing	Shodhankan Vol:2Iss:2 PP49-53	K. D. Ahirrao	International journal IF=0.4 21 April 2013	ISSN- 2250- 0383
10	Article: Jahiratit Sriyanchi Bhumika PP 44-48	Loknaya International Jour OCT-	K.D. Ahirrao	International Journal Yawatmal	ISSN 2278 – 4284

		2013 VOL.VII,			
11	Effect of sevin on the glycogen content of fresh water snail, <i>Thiara lineata</i> .	Sch Res.Journal . VOL. II/IX, PP708-716	K.D. Ahirrao and R.P.Borale	International IF=4.1 NOV-DEC, 2013	ISSN 2278 - 8808
12	Toxicity of pyrethroid, Cypermethrin on neurosecretory activity in FW snail, <i>Lymnea acuminata(L)</i>	Scholarly Res Jor for Int. Studies VOL. II/IX, PP 697-707	Borale R.P. And K.D.Ahirrao	International IF=4.1 DEC, 2013.	ISSN 2278 - 8808
13	Body indices of the fresh water snail, <i>Thiara lineata</i> .	Scholarly Res Jor for IS VOL. II/XI, PP- 1163-1172	K.D.Ahirrao	International IF=4.1 MAR-APR, 2014	ISSN 2278 - 8808
14	Fish diversity of the Bori river dam at Tamaswadi, Parola, District Jalgaon, Maharashtra State”.	Golden research thoughts Vol-3/Is-12/, PP 01-05	K. D. Ahirrao	International IF=2.2052 June-2014	ISSN 2231-5063
15	Study of zooplankton population in a fresh water Rangawali dam, Navapur, district – Nandurbar (MS) INDIA”	Scholarly Research Journal for IS, VOL. II/XII, PP-1355-1365	K.D.Ahirrao , D.P.Jaiswal and K.B.Shejule	International IF=4.1 May-June, 2014	ISSN 2278 – 8808
16	Studies on habitat selection, behavior and breeding of <i>Chrysocoris purpuresus</i> (Insecta:Hemiptera: Penatatomidae)	Golden research thoughts Vol-3/Iss-12 PP 1-3	Magare S. R., Kiran D. Ahirrao and P.B.Bagul	International IF=2.2052 July-2014	ISSN 2231-5063
17	Effect of sevin on the Uric acid content of fresh water snail, <i>Thiara lineata</i> .	Golden Res thout Vol-4/Iss-1/ PP 1-4	, Kiran D. Ahirrao and Magare S.R	International IF=2.2052 July-2014	ISSN 2231-5063

18	Epidemiology of acute encephalitis syndrome /J. E. a mosquito-borne disease in Gorakhpur district.	Scholarly Res Jor for Int S Vol-II/XIV PP 2072-2080	Ahirrao K. D. , Sanjay Kumar and S. R. Magare	International IF=4.1 OCT- 2014	ISSN 2278 – 8808
19	Review on health status by clinical analysis of blood and urine of some rural peoples of Pimpalner region, Dist-Dhule (M.S.)	Journal of Research and development. Vol 4, Issue-6 pp18 To 25	Patole S. S. and K. D. Ahirrao	Referred International- [30-09-2014]	ISSN-2230-9578
20	Studies of physico-chemical parameters of water of Rangawali dam, Navapur district Nandurbar.	Journal of research in biology Ficus Publication Vol 5 No.2, 2015 PP 1648 To 1658	Jaiswal Dipak, K. B. Shejule and Kiran Ahirrao	International – [18-03-2015] IC Value=5.09	ISSN - Print: 2231-6280; Online:2231-6299
21	Comparative study of behavioral response due to acute exposure of Malathion and Cypermethrin on fish, <i>Lepidocephalichthys guntea</i> (H).	Golden research thoughts Vol-4/Issue-10 PP 1-6	K. D. Ahirrao , Patil M. U. and S. S. Patole	International [April-2015] IF=3.4052 (UI F)	ISSN 2231-5063
22	Article: Hindi ke Vikas me Bhartiya cinema ka Yogadan	Review of res jor Vol-5/Is-3, Dec2015	K.D. Ahirrao	International [Dec-2015] IF=3.1	ISSN 2249-894X
23	Studies on population dynamics of a fish, <i>Nemachelius sinuatus</i> of Tapi river, MS, India.	Golden research thoughts Vol-5/Iss-9, PP1-4	Magare S. R., P. N. Girase and K. D. Ahirrao	International [March 2016] IF=3.4052 (UI F)	ISSN 2231-5063

24	Malacofaunal distribution, abundance and diversity of the Nakana Lake, Dhule(MS)	Journal of Res in biology Ficus Pub, Vol-5 No.2, 2016 PP 1977 to 1983	M. U. Patil, S.S.Bhoi, S.S.Patole and K. D. Ahirrao	International [05/05/2016] IC Value=5.09	ISSN - Print: 2231-6280; Online:2231-6299
25	Diversity of Gastropods in the Bori river dam, at Tamaswadi, Tal-Parola, Dist-Jalgaon(MS), India	Golden research thoughts Vol-6/Issue-6 Dec 2016 PP 1-5	K.D.Ahirrao And S.S. Patole	International [Dec 2016] IF= 4.6	ISSN 2231-5063
26	Impact of pesticides on Behavior of the fresh water snail, <i>Thiara lineata</i> .	World Journal of Pharmacy Vol 6, Iss 4, pp958-964	K.D. Ahirrao; G.P.Borse DN.Suryawanshi & M. U. Patil	International [March 2017] IF= 7.523	ISSN 2277-7105
27	“Excess Properties of Binary Mixtures of Ethanolamine with water at different higher temperatures”	World Journal of Pharmacy Volume 6, Issue 6, pp597-604	GP. Borse ^{1*} , DN. Suryawanshi ² , Kiran D. Ahirrao ³	International [March 2017] IF= 7.523	ISSN 2277-7105
28	Synthesis and characterization of pure and modified Cr ₂ O ₃ thick films as a LPG sensor.	World Journal of Pharmacy Volume 6, Issue 12, pp654-663	DN. Suryawanshi ¹ , I. G. Pathan, G. P.Borse, K. D. Ahirrao and L. A. Patil*	International [March 2017] IF= 7.523	ISSN 2277-7105
29	Faunal diversity of fish species from Nakana lake, district Dhule(MS) India .	World Journal of Pharmacy Vol-6, Iss14, pp575-583	Manisha U. Patil* ¹ , M. G. Rangunathan ² and K. D.Ahirrao ³	International [Oct- 2017] IF= 7.523	ISSN 2277-7105
30	Study of species Richness, Abundance, Seasonal variations, various Biological & Diversity Indices of	Scholars Middle East Publishers Vol-3, Issue3, Pp284-290	K.D.Ahirrao* , M. U. Patil, & M G. Rangunathan	International [March 2018] Index Copernicus ICV 58.58;	ISSN 2415-623X (Print) ISSN 2415-6221 (Online)

	Malacofauna around Parola city D-Jalgaon MS India.			Impact Factor 0.36	
31	Curative role of ascorbic acid on cadmium toxicity induced in gills of the freshwater catfish, <i>H. fossilis</i> (B).	World Journal of Pharmacy Vol-7, Issue-05 , Pp 1971-1979	Shruti Kumari and K. D. Ahirrao	International [March 2018] IF= 8.084	ISSN 2277-7105
32	Avifaunal diversity of Parola, Dist-Jalgaon (MS) India .	World Jor of Pharm Vol-7(7),Pp 2252-2261	Ahirrao K. D.1, Suryawanshi D. N.2* and G. P. Borse3	International [April 2018] IF= 8.084	ISSN 2277-7105
33	Zink recover histological structure on Cadmium toxicity induced in intestine of the freshwater catfish, <i>Heteropnuestes fossilis</i> (B)	World Journal of Pharmacy Volume 7, Issue9, pp1979-7105.	Shruti Kumari and K. D. Ahirrao	International [March 2018] IF= 8.084	ISSN 2277-7105
34	DNA-based identification and control of disease spreading mosquito species: A review pp. 124-134,	Journal of Applied Biology & Biotechnology Vol. 9(1), Jan-Feb, 2021	Rajesh Dhakane1, Kiran Ahirrao2* , Anant Shinde3, Janardhan Kotule4	International January 17, 2021	DOI: 10.7324/JAB B.2021.9116

Activities:

1.Vermiompost Unit: has been setup in the college premises since 2022-23.

1. Every year Department has arranged the annual study tour or an excursion for the students of zoology

Awards/Rewards:

Sr. No.	Name of the Award / Fellowship	Name of the Academic body / Society / Association	Level/Status
1	Fellowship award	Zoological Society of India, Gaya, : Felicitad at University of Kalyani, WB Nov 2013	National Level
2	Best paper Award	Research Journal, Shodhankan	International
3	Best paper Award	International Journal Laxmi book publications	International

23. ABROAD:

Sr. No.	Title of the paper Presented	Title of Conference / Seminar	Organized by	International / National level	DATE
1	Mosquito surveillance using DNA barcoding can help in vector born disease control	6 th Barcode of life	University of Guelph, Ontario, Canada	International	18-21 st August 2015

Curriculum Vitae



1. Name of the Faculty :- **DR. AHIRRAO KIRAN DHANAJI**
2. Name of College :- Rani Laxmibai College, Parola, Dist-Jalgaon
3. Department :- **Zoology**
4. Current Designation & Grade Pay :- **Professor(Academic level-14 AGP-10,000/-)**
5. Date of last Promotion :- 14/10/2020
6. Address (With Pin Code) :- Dept. of Zoology, Rani Laxmibai College,
Parola, D.Jalgaon. 425 111.
- 7.Telephone/Mobile No. :- 9422784578
- 8.Email :- drkiranahirrao@gmail.com
9. Research Degree(s) : **Ph. D.**

Degrees	Title	University	Date of award
Ph.D.	Effects of sevin on some ecophysiological aspects of a Melanoid snail, <i>M. Scabra</i>	Dr. BAMU, Aurangabad	05/04/2015

10. Teaching Experience:

Sr. No	Classes	Name of Institute/College	Date of		Total Experience
			Joining	Leaving	
1.	UG (FY & SYBSc)	S.S.P.Mandal's Rani Laxmibai College, Parola	01 st Sep 1992	Till today	30 years
2	PG (M.Sc.)	SSVPS's Dr. P. R. Ghogre, Science College, Dhule	1998	2002	5 years

11. Appointments held :

Sr. No	Designation	Name of Institute/College	Date of		Reason of leaving, if any
			Joining	Leaving	
1	Lecturer	S.S.P.Mandal's Rani Laxmibai College, Parola	1/09/1992	24/01/1996	NA (Not-approved)
1.	Assistant Professor	S.S.P.Mandal's Rani Laxmibai College, Parola	25/01/1996	05/04/2015	N.A.
2	Associate Professor	--''--	05/04/2015	13/10/2020	N.A.
3	Professor	-- ''--	14/10/2020	Till working	N.A.

12.Orientation / Refresher/ Short Term/ Faculty Development Course/ MOOCs course :

Sr. No	Name of the Course	Place	Duration	Sponsoring Agency
1	Orientation Course	Shimla	6/4/1998 to 2/5/1998 (28 days)	UGC, ASC, H.P. Uni, Shimla
2	Refresher Course in Zoology	Shimla	29/11/1999 to 18/12/1999 (21 days)	UGC, ASC, H.P. Uni, Shimla
3	Refresher Course Life Sciences(ID)	Chennai	4/2/2010 to 24/2/2010 (21 days)	UGC, ASC, University of Madras Chennai
4	Refresher Course in Environmental Science(MD)	Gorakhpur	5/1/2014 to 14/02/2014 (21 Days)	ASC, DDU Gorakhpur University, Gorakhpur
5	Faculty Development Programme: Global Business Foundation Skills	Pune	5/1/2016 to 13/1/2016 (9 days)	INFOSIS, Pune
6	Short term Course: Gender Sensitization	Kerala	19/1/2018 to 25/1/2018 (7 days)	HRDC, UGC, ASC, University of Kerala, Kerala
7	Faculty Development Programme: Advanced concepts for developing MOOCs	Online	02 to 17 July 2020 (16 days)	HRDC Ramanujan college, Uni of Delhi
8	Short term Course: Value based Education	Online	04 to 10 Aug 2022 (7 days)	HRDC Aligarh Muslim Uni , Aligarh

12. Life Membership:

Sr. No	Type of Membership	Agencies	Venue of Agency	Membership Number & Date
1	Life member	Indian Science Congress Association,	Kolkatta	L19189, 03 rd Feb 2012
2	Life member	Zoological Society of India	Bodh Gaya	A-102 02 nd Feb 2011

13. E-Content (E-Books/courses under UG-(pathshala/animated):

Sr. No.	Title of the e-Content (s) : For S.Y.B.Sc. Zoology	Link
1	Types of Fish Migration: Diadromous: Anadromous, Catadromous,	https://youtu.be/mt9zKw2swM4
2	Unit-3 Respiration:	• https://youtu.be/ms7rseSb_IU
3	Breathing mechanism:	• https://youtu.be/n3QUavnb1KA
4	Respiratory Volumes and capacities	• https://youtu.be/j7FGKtm3Jow
5	Respiration Animated	• https://youtu.be/IRK3XCm5cmM
6	Bophr Effect/ O ₂ Dissociation Curve	• https://youtu.be/zEfNkLQkHgs
7	Chloride Shift / Hamburger Phenomenon /Lineaus Phenomenon	• https://youtu.be/ie7qkQJo_wA

14. MAJOR RESEARCH PROJECT**: 01 Completed**

Sr. No.	Title of Project	Name of Sponsoring Agency	Period	Grant /Amount in Lakhs
1	Molecular approach in understanding the genetic diversity of mosquitoes from the Maharashtra by using COI gene I	University Grants Commission	5 years	8.4 Lakhs

15. RESEARCH PUBLICATIONS :34 Research & Review papers are published:

Sr. No.	Details of Publication/ Title of research papers	Publication/ Journal	Author (s) / Editor (s)	Level and year of Publication	ISSN/ISBN
1	Effect of sevin on Protein and amino acid content of the snail, <i>Thiara lineata</i> .	J. Adv. Sci. and Tech.7(I&II), pp20-24.	Ahirrao K. D. and R. P. Borale	National 2004	ISSN:0971-9563 7 (I and II) indexed
2	Effect of sevin on lipid and cholesterol content of the snail, <i>Thiara lineata</i> .	Bioinfolet 2(2) : 2005 pp126-129	Ahirrao K. D. and A. B. Kulkarni	National IF=0.6 2005	ISSN 0973 - 1431 Pear-reviewed IF=0.6
3	A Check list of local birds of Parola, district Jalgoan (MS) India”	Indian streams of research journal Feb 2011 PP 1-6	Ahirrao Kiran	International IF= 4.16 Feb 2011	ISSN 2230-7850 Pear-reviewed
4	“Paradox LC ₅₀ due to Physico-chemical parameters in a fresh water snail, <i>T. lineata</i> ”.	Indian streams of research journal Feb 2011 PP 1-6	Ahirrao Kiran	International Feb 2011	ISSN 2230-7850 Pear-reviewed
5	Variations in LC ₅₀ of some pesticides due to some physio-chemical parameters and impact of neurosecretory cells of fresh water snail, <i>Thiara lineata</i> .	Journal of research in biology Ficus Publication Vol 2No.1 2012 PP 050-056	Ahirrao K.D. and G.D.Khedkar	International IC Value=5.09 2012	ISSN - Print: 2231 -6280; Online:2231 - 6299
6	Icthyodiversity of the Rangawali dam, Navapur, Dist-Nandurbar. PP 241-245	J. of res. in bio.Ficus Publicati Vol:2 No.3, 2012	Jaiswal and K.D.Ahirrao	International IC Value=5.09 2012	ISSN Print: 2231 -6280; Online:2231 -6299.
7	Fluctuations trends in HIV outbreaks in Parola(MS).	Shodhankan Issue 1, Vol-2 PP 15-18	Ahirrao K. D.	International IF=0.421 Jan. 2012	ISSN 2250 - 0383
8	Studies on develop-	Journal of	Borale R.P.	Inter-National	ISSN -

	ment of <i>L. acuminata</i> with respect to age and length relationship and relative condition factor(Kn)	Research in Animal Science Vol-1/No.2:2013 pp055-059	And K.D.Ahirrao	-[21-02-2013] IC Value=5.09	Print: 2319 - 1589; Online: 2319 - 1597
9	An outbreak of Honour killing	Shodhankan Vol:2Iss:2 PP49-53	K. D. Ahirrao	International journal IF=0.421 April 2013	ISSN- 2250-0383
10	Article: Jahiratit Sriyanchi Bhumika PP 44-48	Loknayak International Jour OCT-2013 VOL.VII,	K.D. Ahirrao	International Journal Yawatmal	ISSN 2278 – 4284
11	Effect of sevin on the glycogen content of fresh water snail, <i>Thiara lineata</i> .	Sch Res.Journal . VOL. II/IX, PP708-716	K.D. Ahirrao and R.P.Borale	International IF=4.1 NOV-DEC, 2013	ISSN 2278 - 8808
12	Toxicity of pyrethroid, Cypermethrin on neurosecretory activity in FW snail, <i>Lymnea acuminata(L)</i>	Scholarly Res Jor for Int. Studies VOL. II/IX, PP 697-707	Borale R.P. And K.D.Ahirrao	International IF=4.1 DEC, 2013.	ISSN 2278 - 8808
13	Body indices of the fresh water snail, <i>Thiara lineata</i> .	Scholarly Res Jor for IS VOL. II/XI, PP- 1163-1172	K.D.Ahirrao	International IF=4.1 MAR-APR, 2014	ISSN 2278 - 8808
14	Fish diversity of the Bori river dam at Tamaswadi, Parola, District Jalgaon, Maharashtra State”.	Golden research thoughts Vol-3/Is-12/, PP 01-05	K. D. Ahirrao	International IF=2.2052 June-2014	ISSN 2231-5063
15	Study of zooplankton population in a fresh water Rangawali dam, Navapur, district – Nandurbar (MS) INDIA”	Scholarly Research Journal for IS, VOL. II/XII, PP-1355-1365	K.D.Ahirrao , D.P.Jaiswal and K.B.Shejule	International IF=4.1 May-June, 2014	ISSN 2278 – 8808

16	Studies on habitat selection, behavior and breeding of <i>Chrysocoris purpureus</i> (Insecta:Hemiptera: Penatatomidae)	Golden research thoughts Vol-3/Iss-12 PP 1-3	Magare S. R., Kiran D. Ahirrao and P.B.Bagul	International IF=2.2052 July-2014	ISSN 2231-5063
17	Effect of sevin on the Uric acid content of fresh water snail, <i>Thiara lineata</i> .	Golden Res thout Vol-4/Iss-1/ PP 1-4	, Kiran D. Ahirrao and Magare S.R	International IF=2.2052 July-2014	ISSN 2231-5063
18	Epidemiology of acute encephalitis syndrome /J. E. a mosquito-borne disease in Gorakhpur district.	Scholarly Res Jor for Int S Vol-II/XIV PP 2072-2080	Ahirrao K. D. , Sanjay Kumar and S. R. Magare	International IF=4.1 OCT- 2014	ISSN 2278 – 8808
19	Review on health status by clinical analysis of blood and urine of some rural peoples of Pimpalner region, Dist-Dhule (M.S.)	Journal of Research and development. Vol 4, Issue-6 pp18 To 25	Patole S. S. and K. D. Ahirrao	Referred International- [30-09-2014]	ISSN-2230-9578
20	Studies of physico-chemical parameters of water of Rangawali dam, Navapur district Nandurbar.	Journal of research in biology Ficus Publication Vol 5 No.2, 2015 PP 1648 To 1658	Jaiswal Dipak, K. B. Shejule and Kiran Ahirrao	International – [18-03-2015] IC Value=5.09	ISSN - Print: 2231 –6280; Online:2231 - 6299
21	Comparative study of behavioral response due to acute exposure of Malathion and Cypermethrin on fish, <i>Lepidocephalichthys guntea</i> (H).	Golden research thoughts Vol-4/Issue-10 PP 1-6	K. D. Ahirrao , Patil M. U. and S. S. Patole	International [April-2015] IF=3.4052 (UI F)	ISSN 2231-5063

22	Article: Hindi ke Vikas me Bhartiya cinema ka Yogadan	Review of res jor Vol-5/Is-3, Dec2015	K.D. Ahirrao	International [Dec-2015] IF=3.1	ISSN 2249- 894X
23	Studies on population dynamics of a fish, <i>Nemachelius sinuatus</i> of Tapi river, MS, India.	Golden research thoughts Vol-5/Iss-9,PP1-4	Magare S. R., P. N. Giraseand K. D. Ahirrao	International [March 2016] IF=3.4052(UI F)	ISSN 2231- 5063
24	Malacofaunal distribution, abundance and diversity of the Nakana Lake, Dhule(MS)	Journal of Res in biology Ficus Pub, Vol-5 No.2, 2016 PP 1977 to 1983	M. U. Patil, S.S.Bhoi, S.S.Patoleand K. D. Ahirrao	International [05/05/2016] IC Value=5.09	ISSN - Print: 2231 -6280; Online:2231 - 6299
25	Diversity of Gastropods in the Bori river dam, at Tamaswadi, Tal-Parola, Dist-Jalgaon(MS), India	Golden research thoughts Vol-6/Issue-6 Dec 2016 PP 1-5	K.D.Ahirrao And S.S. Patole	International [Dec 2016] IF= 4.6	ISSN 2231- 5063
26	Impact of pesticides on Behavior of the fresh water snail, <i>Thiara lineata</i> .	World Journal of Pharmacy Vol 6, Iss 4, pp958-964	K.D. Ahirrao; G.P.Borse DN.Suryawanshi & M. U. Patil	International [March 2017] IF= 7.523	ISSN 2277- 7105
27	“Excess Properties of Binary Mixtures of Ethanolamine with water at different higher temperatures”	World Journal of Pharmacy Volume 6, Issue 6, pp597-604	GP. Borse ^{1*} ,DN. Suryawanshi ² , Kiran D. Ahirrao³	International [March 2017] IF= 7.523	ISSN 2277- 7105
28	Synthesis and characterization of pure and modified Cr ₂ O ₃ thick films as a LPG sensor.	World J of Pharm Volume 6, Issue 12, pp654-663	DN.Suryawanshi I. G. Pathan, G. P.Borse, K. D. Ahirrao and L. A. Patil*	International [March 2017] IF= 7.523	ISSN 2277- 7105

29	Faunal diversity of fish species from Nakana lake, district Dhule(MS) India .	World J. of Pharma Vol-6, Iss14,pp575-583	Manisha U. Patil*1, M. G. Rangunathan2 and K. D.Ahirrao3	International [Oct- 2017] IF= 7.523	ISSN 2277-7105
30	Study of species Richness, Abundance, Seasonal variations, various Biological & Diversity Indices of Malacofauna around Parola city D-Jalgaon MS India.	Scholars Middle East Publishers Vol-3, Issue3, Pp284-290	K.D.Ahirrao* , M. U. Patil, & M G. Rangunathan	International [March 2018] Index Copernicus ICV 58.58; Impact Factor 0.36	ISSN 2415-623X (Print) ISSN 2415-6221 (Online)
31	Curative role of ascorbic acid on cadmium toxicity induced in gills of the freshwater catfish, <i>H. fossilis</i> (B).	World Journal of Pharmacy Vol-7, Issue-05 , Pp 1971-1979	Shruti Kumari and K. D. Ahirrao	International [March 2018] IF= 8.084	ISSN 2277-7105
32	Avifaunal diversity of Parola, Dist-Jalgaon (MS) India .	World Jor of Pharm Vol-7(7),Pp 2252-2261	Ahirrao K. D.1 , Suryawanshi D. N.2* and G. P. Borse3	International [April 2018] IF= 8.084	ISSN 2277-7105
33	Zink recover histological structure on Cadmium toxicity induced in intestine of the freshwater catfish, <i>Heteropnuestes fossilis</i> (B)	World Journal of Pharmacy Volume 7, Issue9, pp1979-7105.	Shruti Kumari and K. D. Ahirrao	International [March 2018] IF= 8.084	ISSN 2277-7105
34	DNA-based identification and control of disease spreading mosquito species: A review pp. 124-134,	Journal of Applied Biology & Biotechnology Vol. 9(1), Jan-Feb, 2021	Rajesh Dhakane1, Kiran Ahirrao2* , Anant Shinde3, Janardhan Kotule4	International January 17, 2021	DOI: 10.7324/JA.BB.2021.9116

16. BOOKS : 08 published(Chapters edited in text books)

Sr. No	Title of the Book	Name of the Publisher	Chapter in edited book
1	Applied Zoology FYBSc-I Sem-II	Prashant Publications	National level: ISBN 978-93-85019-78-4
2	Nonchordates-II, SY Zoo-231	Prashant Publications	National level: ISBN 978-93-81546-33-8
3	Nonchordates-II, SY Zoo-231	Vrinda publications	National level: ISBN: 978-93-85028-64-9
3	Chordates-II	Prashant Publications	National level: ISBN 978-93-82414-53-7
4	Practical Zoology	Prashant Publications	National level: ISBN 978-93-81546-72-7
5	Medical Zoology SYBSc Sem – iii ZOO-232	Prashant Publications	National level: ISBN 978-93-81546-35-2
6	SYBSc-III,ZOO-301 Physiology	Academic Publications	National level: ISBN: 978-93-89493-07-8
7	SYBSc-IV,ZOO-404 Medical Diagnostgics	Academic Publications	National level: ISBN:978-93-89493-07-8
8	FYBSc-I Sem-I ZOO 101-102	Academic Publication	National level: ISBN:978-93-93727-06-0
9	FYBSc-I Sem-II ZOO-201	Academic Publication	National level: ISBN:
10	FYBSc-I Sem-II ZOO – 202: Frog: THE CHORDATE	Prashant Publication	National level: ISBN:978-93-95227-64-3

17. RESEARCH PAPERS PRESENTED: in conferences, Seminars, Workshops, Symposia:

Sr. No.	Title of the paper Presented	Title of Conference / Seminar	Organized by	International / National level
1.	Effect of Sevin on the Uric acid content of freshwater snail, <i>T. lineata</i>	Biodiversity and Environmental impact	UGC., DST & NMU Jalgaon ACS college, Navapur	National
2	Effect of Sevin on the glycogen content of freshwater snail, <i>Thiara lineata</i> .	100 th Indian Science Congress, Kolkata. Paper Presented	Calcutta University, Kolkata	Inter-national level

3	Study of zooplankton population in a freshwater Rangawali dam, Navapur, district Nandurbar	Biodiversity and its Management for food and environmental security NOV2013	Kolkatta	National
4	Phytochemical screening & anti microbial studies of some ind. plants.	Animal Biodiversity and Recent Trends in Zoological Research	Shahada Dist-Nandurbar Dec-2013	National
5	Paper presented: Body Proportions of freshwater snail, <i>Thiara lineata</i> .	102 nd ISCA, Mumbai	Mumbai Uni, Mumbai,(MS) India	International
6	Paper Presented: Hindi aur Web Patrakarita	National Seminar on Social Media and responsibility	North Maharashtra University, Jalgaon	National
7	Paper: Faunastic diversity of fish species from Nakana lake D-Dhule(MS)India.	Avishkar	R.C.Patel, Shirpur & NMU, Jalgaon	University
8	Common birds from the Parola	Pahile Uttar Maharashtra Pakshi-mitra Sammelan	North Maharashtra Regional	State
9	Mosquito surveillance using DNA barcoding can help in vector born disease control	6 th Barcode of life	University of Guelph, Canada	International
10	Study of Ophidian – fauna from wetland of Nakana lake, D-Dhule	National conference on environmental protection and sustainability	Sir Theararaya college , Chennai	National
11	Paper presentation on Seasonal variations of Malacofauna around the Parola city, district Jalgaon(MS) India	104 th Indian Science Congress Association	S. U. University, Tirupati.	National
12	Paper: Check list of birds in and around the Parola, dist-Jalgaon		D. N. College, Faizpur	International

18. INVITED LECTURES / RESOURCES PERSON:

Sr. No.	Title of lecture / academic session	Title of Conference / seminar etc	Organized by	Whether international / national
1	Lead Lecture on Toxicology (03 to 05 Oct 2012)	Conservation and management of faunal resources for sustainability	Guru Nanak College, Chennai	National
2	Chairperson for Oral Session Ist (03 to 05 Oct 2012)	Conservation and management of faunal resources for sustainability	Guru Nanak College, Chennai	National
3	Chair-person	Biodiversity and its management for food, livelihood & environ. security	University of Kalyani, WB	National
4	Chaired Session VI at National conf. on environmental protection and sustainability	National conference on environmental protection and sustainability	Sir Theararaya college, Chennai	National
5	Invited lecture on Mosquito:	National conference on environmental protection and sustainability	Sir Theararaya college, Chennai	National
6	Chaired Session: for poster session	104 th Indian Science Congress Association	S. U. University, Tirupati.	National

19. ADJUNCTAE PH.D. THESIS: 04

Sr. No	Title of the research Work	Thesis submitted to	Date of submission
1	Antimicrobial activity and Antimicrobial potentiating properties of certain medicinal plants and extracts	University of Madras, Chennai Tamilnadu	March 2013
2	Antibacterial and antioxidants properties of <i>Ricinus communis</i> (Linn) leaf extract in a <i>Aeromonas hydrophila</i> infected freshwater crab, <i>Oziotelphusa senex senes</i>	Department of Advanced Zoology Guru nanak College, Chennai	June 2013
3	Effect of Mikania glomerata extract on H292 human lung cancer, A549 human lung cancer & MCF7 human breast cancer cell lines	PG and Research Department of Zoology, Sir Theagaraya College, Chennai	Jan 2014

4	Breeding biology and the population dynamics of the Anomuran crab, <i>Emerita asiatica</i> . (H. Mline Edwards, 1837) In the Kovalum beach.	Department of Advanced Zoology Guru nanak College, Chennai	August 2014
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20. Worked as Committee member for Ph. D. Viva-voce:

Sr. No	Nature of Committee for Ph. D. Viva-voce	Name of Research Guide	Name of the Student	Venue	Date
1.	Chairperson, Ph. D. Viva-voce KBC NMU Jalgaon	Prof. Dr. A. T. Kalse	Mrs. Kaul Satinderjit Sushil	KBC NMU, Jalgaon	22/12/2014
2	Member, Ph. D. Viva-voce KBC NMU Jalgaon	Prof. S.S. Patole	Mrs. Manisha Patil	KBC NMU, Jalgaon	26 th Aug 2021

21. Administrative and Other Activities:

Sr. No	Administrative and Other Activity	1 st	2 nd	3 rd
1	Head, Dept. of Zoology, R.L.College, Parola, D-Jalgaon	01/08/2009 to 2014	1/03/2010 to 2015	2022 to Till working
2	Treasurer, NMUCTO, Local Unit, R.L.College, Parola, D-Jalgaon	2 years		
2	President, NMUCTO, Local Unit, R.L.College, Parola, D-Jalgaon	2 years		
2	Coordinator, Soft Skill Development R.L.College, Parola, D-Jalgaon	2015-2016 to 2017-2018		
3	Coordinator , Vivek Vahini, R.L.College, Parola, D-Jalgaon	2010 to 2013		
4	Arranged Blood Donation Camp R. L. College, Parola	27/12/2011		
5	Elected as a member of the Sectional Committee of the Section of Animal, Veterinary and Fishery Sciences in The Indian Sci. Congress Association, Kolkatta	2015-2016		
6	Career Counsellor, R.L.College, Parola, D-Jalgaon	2015-16 to 2017-2018		

7	Chairman , Cultural Committee: Dance and Singing, R.L.College, Parola, D-Jalgaon	1992 to till today		
8	PG Teacher Recognition KBC NMU Jalgaon Ref.Nmu/11/PGR/Zoo/2311	12th Nov 2013		
9	Member of Reviewer Committee, International Journal Shodhankan	2010 to 2015		

22.AWARDS:

Sr. No.	Name of the Award / Fellowship	Name of the Academic body / Society / Association	Level/Status
1	Fellowship award	Zoological Society of India, Gaya, : Felicitad at University of Kalyani, WB Nov 2013	National Level
2	Best paper Award	Research Journal, Shodhankan	International
3	Best paper Award	International Journal Laxmi book publications	International

23. ABROAD:

Sr. No.	Title of the paper Presented	Title of Conference / Seminar	Organized by	International / National level	DATE
1	Mosquito surveillance using DNA barcoding can help in vector born disease control	6 th Barcode of life	University of Guelph, Ontario, Canada	International	18-21 st August 2015

Prof. K. D. Ahirrao
Designation Professor

