

FACULTY PROFILE
OF
DR. ARCHANA S. SAWARKAR



1	Name	: Dr. Archana S. Sawarkar (Amaley)
2	Designation	: Associate Professor
3	Department	: Zoology
4	Phone No. / Cell No.	: 9850141186
5	E-mail address	: assawarkar@yahoo.com
6	Date of birth	: 02 /07/1970
7	Date of Joining	: 03/04/2007
8	Area of specialization:	: Animal Physiology, Toxicology, Arachnology.

9. Academic qualification: M.Sc., B. Ed, M. Phil., Ph.D.

10. Teaching Experience: 15 Years

Courses Taught UG/ PG	Name of the University/ College/ Institution	Duration
UG	Shri R.L.T. College of Science, Akola	15 Years

11. Membership of Academic Organizations:

1. The Indian Science Congress Association, Kolkata (L-15984).
2. Wild life and Environment Conservation Society, Amravati (L-186).
3. Indian Society of Arachnology

12. Research, Publications and Academic Contributions:

A. Number of Published Papers in Journals: 18

Sr. No.	Title with page nos.	Journal	ISSN/ ISBN No.	Whether peer reviewed Impact Factor, if any	No. of co-authors	Whether you are the Main author
1	<i>Nephila pilipes</i> : An Excellent Architect pp 55-59	Trends in Life sciences. Vol.25, No.2, 2010	ISSN: 0970-2504	Yes	01	Yes
2	Role of Spider in Agro ecosystem pp- 47-50	The Ecosphere Vol.2, No.1, 2011	ISSN: 0976-1578	Yes	02	Yes
3	Study of Silk Glands and Silk Secreting Apparatus in <i>N. pilipes</i> PP-156-162	Indian Journal of Arachnology Vol.1, No.1, 2012	ISSN 2278-1587	Yes	---	Yes
4	Origin and properties of dragline silk of <i>Nephila pilipes</i> . pp-45-47	Journal of Biological and Physical Sciences (Nov. 2012), Vol. IV	ISSN: 2319-636X	Yes	02	Yes
5	Biochemical analysis of major ampullate silk of <i>Nephila pilipes</i> with FTIR spectroscopy, 66-68	Asiatic Journal of Biotechnology Resources, Spl 11 Vol.4(4), Jan. 2014 (International)	2249-2399; eISSN 0976-4992	Yes	02	Yes
6	Antibacterial nature of dragline silk of <i>Nephila pilipes</i> (Fabricius, 1793), pp 8-11.	Indian Journal of Arachnology, Vol. 3 No. 1, 2014	ISSN: 2278-1587	Yes	02	Yes
7	Microscale Topography of Dragline Silk of <i>Nephila pilipes</i> (Fabricius, 1793),18-21	Indian Journal of Arachnology, Vol. 4(1), July 2015	2278-1587 Online	Yes, Impact Factor : 4.527 (2015)	02	Yes

8	Spider silk-an ancient material of the future, 236-240	International Journal of Pure & Applied Research in Engineering and Technology, Vol.5(2), Sept 2016	2319-507X	Yes, Impact Factor : 4.226 (2016)	01	Yes
9	Medicinal prospects for major ampullate silk of giant wood spider, <i>Nephila Pilipes</i> ; pp 163-165	International Journal of Researches in Biosciences, Agriculture and Technology; July 2017, Special issue (2), Vol.-V	ISSN: 2347-517X - online	Yes Impact Factor- 5.060	1	Yes
10	Zinc induced histopathological and biochemical anomalies in the liver of fish <i>Ophiocephalus punctatus</i> ; pp 147-150	International Journal of Life Sciences; Sept. 2017, Special Issue, A8	ISSN: 2320-7817, eISS N:2320-964X	Yes Impact Factor- 4.369	---	Yes
11	X- ray diffraction study of dragline silk of <i>Nephila pilipes</i> (Araneae: Araneidae) pp 66-69	Inter. Jour. of Pure and Applied Research in Engineering and Technology; Sept. 2017, Vol.6 (2),	ISSN: 2319-507X	Yes Impact Factor- 4.226	1	Yes
12	AFM study of egg sac silk fibers of the giant wood spider, <i>Nephila pilipes</i> (Araneae: Araneidae), pp 97-100	International Journal of Current Engineering and Scientific Research; Jan. 2019, vol.6, Issue 1	ISSN: Print: 2393-8374, Online: 2394-0697	Yes Impact Factor - 6.263	01	Yes
13	Orb web features of giant wood spider <i>Nephila pilipes</i> ”, 145-149	Research Journey International E Research Journal (Feb. 2019), Special issue vol. 110 (G)-Zoology	ISSN: 2348 7143	Yes Impact Factor - 6.261	01	Yes
14	Impact of Zinc sulphate on gills of fish <i>Ophiocephalus punctatus</i> pp 103-105	Bioscience Biotechnology Research Communications Spl Vol.12 No. 4 , Aug. 2019	ISSN: Print: 0974-6455, Online: 2321-4007	Yes Impact Factor - 4.186	--	Yes

15	Effect of Zinc toxicity on some haematological parameters of fish <i>Ophiocephalus punctatus</i> pp 196-198	Aayushi International Interdisciplinary Research Journal Spl. No. 70, 24 Jan. 2020	ISSN: 2349-638x	Yes Impact Factor - F:6.293	---	Yes
16	Biochemical Study of Pyriform Silk of Spider <i>Nephila pilipes</i>	Int. Res. J. of Science & Engineering, Special Issue A11, August, 2021	ISSN: 2322-0015	SJIF Impact Factor- 6.70	---	Yes
17	Cylindrical Glands and Egg Sac Silk of Giant Wood Spider, <i>Nephila pilipes</i> pp 06-10	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Vol. 12, Issue 4, December, 2021	ISSN (Online) 2581-9429	Impact Factor: 5.731	---	Yes
18	Significance of Spiders in Agricultural Sustainability pp 262-264	'Vidyavarta' A Peer-Reviewed international Journal SPL-March, 2022	ISSN: 2319-9318	IJIF Impact Factor: 8.14	---	Yes

B. Publications other than journal articles (books, chapters in books): 02

Sr. No.	Title with page no./Chapters with page no.	Book Title, editor & publisher	Publication: International/ National/ Local	ISSN/ ISBN No.	Whether approved by University	No. of co-authors	Whether you are the main author
1	Chapter I: Concept of Genes Page Nos :1-31	A Text Book of Zoology; B.Sc. II Sem. IV; Editor: Dr. S.R. Akarte & Dr. S.O. Qureshi Publisher: Nabh Prakashan, Amravati	National	ISBN: 978-81-905776-102-5	Yes	5	No

2	A Multifunctional Biomaterial: Spider silk, pp 547-550	Current Updates in Life Sciences, (December 2020)	National	ISBN: 978-81-92361-82	Yes	--	No
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C. Full Papers in Conference Proceedings: 09

Sr. No.	Title with page nos.	Details of Conference publication	ISSN/ ISBN No.	No. of co-authors	Whether you are the Main author
1	Improving laboratory instructions, 146-149	State Level Seminar on "Recent Trends in Teaching Basic and Applied Sciences." 03 Jan., 2009, Phulsing Naik MV, Pusad	--	4	Yes
2	Proposal to save environment, 39-41	Interdisciplinary State Level Symposium on "Women's Role in Conservation of Environment." 30 Dec., 2009, S.S.S.K.R. Innani MV, Karanja Lad	--	1	Yes
3	Fireworks: One of the most unusual sources of pollution, 96-99	National Conference on "Climate Change & Its Consequences." 12 -13 Jan., 2010, Bhartiya Mahavidyalaya, Amravati	--	2	Yes
4	Effects of idol immersion on some water quality parameters of Morna river, 54-56	National Level Seminar on "Water, Energy, Environment & Society." 30 Jan., 2010, Phulsing Naik Mahavidyalaya, Pusad	--	3	Yes
5	Restoration of forest ecosystem in Katepurna wildlife sanctuary, Akola, 62-65	National Level Seminar on "Water, Energy, Environment & Society." 30 Jan., 2010, Phulsing Naik Mahavidyalaya, Pusad	--	2	No
6	Projection of Women Through Economic Empowerment, 201-202	International Interdisciplinary Conference on "Women Empowerment." 25-26 Nov, 2011, Ramkrushna Mahavidyalaya, Darapur	978-81-92241-4-0-1	-	Yes
7	Dr. Ambedkar and Buddha's path to equality, 82	Interdisciplinary International Conference on "Dr. Ambedkar's Buddhism and its Emancipatory	978-81-92241	2	Yes

		Potential.” 28 Jan. 2011, Shri Shivaji College of Arts, Commerce & Science, Akola	4-5-6		
8	Spider silk: A gift of nature. pp 48-49	National Symposium Cum Workshop on “Diversity of Spiders with Special Reference to Taxonomy and Molecular Systematics”, 26-29 Nov. 2014, S. K. College, Akola,	ISBN: 978-81-929160-5-7	--	Yes
9	Participation of Women in Environmental conservation, pp 16-18.	National Conference on ‘Indian Women: Past, Present and Future (An Interdisciplinary Approach)’ 24/12/2016 ,S. A. College, Akola	ISBN: 978-93-83587-68-1	--	Yes

D. Research Projects and Consultancies: 01

S.No.	Title	Agency	Period	Grant/Amount mobilized (Rs. lakh)
1.	Study of Web Architecture, Silk, Silk Glands and Spinnerets of Giant Wood Spider, <i>Nephila pilipes</i> .	UGC	Two Years (2013-2015)	1.35

E. Papers presented in Conferences, Seminars, Workshops, Symposia: 42

(State level = 07; National level = 25; International level = 10)

Sr. No.	Title of the Paper presented	Title of Conference / Seminar	Organized by	Whether international /national / state /regional / or university level
1	Improving laboratory instructions	Recent Trends in Teaching Basic and Applied Sciences	Phulsing Naik MV, Pusad (03/01/2009)	State level
2	Biometric supported ATM banking	Information Technology Enabled Services	Shri Shivaji College of Arts,Comm. & Sci., Akola. (11/04/2009)	National level
3	Proposal to save environment	Women’s Role in Conservation of Environment	S.S.S.K.R.InnaniMahavidyalaya, Karanja-Lad (30/12/ 2009)	State Level
4	The Impact of Mathematics on Biology	Expanding Wings of Mathematics in the Field of Science & Social Sciences	Shri R.L.T.College of Science, Akola (04/01/2010)	State level

5	Role of Mathematics in Genetic Analysis through Pedigree Charts	Expanding Wings of Mathematics in the Field of Science & Social Sciences	Shri R.L.T.College of Science, Akola (04/01/2010)	State level
6	Application of Mathematics in Medical Science	Expanding Wings of Mathematics in the Field of Science & Social Sciences	Shri R.L.T.College of Science, Akola (04/01/2010)	State level
7	Fireworks: One of the most unusual sources of pollution	Climate Change & Its Consequences	Bhartiya Mahavidyalaya, Amravati (12 -13/01/2010)	National level
8	Effects of idol immersion on some water quality parameters of Morna river	Water, Energy, Environment & Society	Phulsing Naik Mahavidyalaya, Pusad (30 /01/2010)	National level
9	Restoration of forest ecosystem in katepurna wildlife sanctuary, Akola	Water, Energy, Environment & Society	Phulsing Naik Mahavidyalaya, Pusad (30/01/2010)	National level
10	Effect of Zinc sulphate on gills of fish <i>Ophiocephalus punctatus</i>	Biotechnology for better tomorrow	Shri Shivaji College of Arts, Comm. & Science, Akola (06-07/02/2010)	National level
11	Environmental education for motivating sustainable development	Education for Sustainable Development	Govt. College of Education, Akola (20-21/10/2010)	State level
12	<i>Nephila pilipes</i> : An Excellent Architect	Symposium Cum Workshop on Arachnology	J.D. Patil Sangludkar Mahavidyalaya, Daryapur	National level
13	Biodiversity of Snakes in Akola District	Biodiversity and its Conservation: Need of the Day	Shri Shivaji College, Akot	National level
14	Biodiversity of Lemon Butterfly – A Quantitative Approach	Biodiversity and its Conservation: Need of the Day	Shri Shivaji College, Akot	National level
15	Role of Spider in Agroecosystem	Advances in Life Sciences for Sustainable Rural Development	Shankarlal Khandelwal College, Akola (11-12/10/2011)	National level
16	Study of Silk Glands and Silk Secreting Apparatus in <i>Nephila pilipes</i>	Arachnology with Reference to Spider: Ecology, Biology and Taxonomy”	Walchand College of Arts and Science, Solapur (13-15/10/2011)	National level
17	Projection of Women Through Economic Empowerment	Women Empowerment	Ramkrushna Mahavidyalaya, Darapur.Dist Amravati, (25-26 /11/2011)	International level

18	Dr. Ambedkar and Buddha's path to equality	Dr. Ambedkar's Buddhism and its Emancipatory Potential	Shri Shivaji College of Arts, Commerce & Science, Akola (28 /01/ 2011)	International level
19	The Form and Function of Orb Web of Spider, <i>Nephila pilipes</i>	Innovative Research Trends in Biological Sciences	Shri Shivaji College Akola.(8-9/09/2012)	National level
20	Impact of Climate Change on Agriculture	Impact of Climate Change on Agriculture Production in India	Shri Shivaji College Akola. (6 /10/2012)	National level
21	Mahatma Gandhi's Vision of Rural Development	Relevance of Dr. Babasaheb Ambedkar, Mahatma Gandhi and Pandit Nehru's Ideology in the Present Scenario	Shri. Shivaji College of Arts, Commerce & Science, Akola. (29-30/10/2012)	International level
22	Origin and properties of dragline silk of <i>Nephila pilipes</i>	Global Change: Impact on Biodiversity, Culture & Technology",	Sevadal Mahila Mahavidyalaya, Nagpur. (3-5/11/2012)	International level
23	Geometrical Architecture of <i>Nephila pilipes</i> web	Spiders from Agro-Ecosystems	S.G.B. Amravati University, Amravati. (1-4 /12/2012)	National level
24	Spider Silk: A Novel Biopolymer	Advances in Life Sciences: Present and Future",	Vidya Bharati Mahavidyalaya, Amravati. (11-12 /01/2013)	National level
25	Biochemical analysis of major ampullate silk of <i>Nephilapilipes</i> with FTIR spectroscopy	Exploration of Biochemistry and Molecular Biology for Betterment of Human Life	Arts and Science College, Pulgaon (Wardha) (29 /01/2014.)	State level
26	X- ray diffraction study of egg sac silk of <i>Nephilapilipes</i> (Araneae: Nephilidae)	Recent Trends in Mathematics, physics & Their Applications	Shankarlal Khandelwal College, Akola (19 /03/2014)	National level
27	AFM study of dragline silk of <i>Nephilapilipes</i> (Araneae: Nephilidae)	Diversity of Spiders With Special Reference to Taxonomy and Molecular Systematics	Shankarlal Khandelwal College, Akola (26-29 /11/2014)	National level
28	Dragline silk of giant wood spider, <i>Nephila pilipes</i> (Araneae:Nephilidae)	3 rd Conference of Asian Society of Arachnology	Indian Society of Arachnology and J. D. Patil Sangludkar College, Daryapur (16-19 /11/ 2015)	International level
29	Conserve the spiders for beautiful nature and bright future	Recent Trends in Conservation of Biodiversity	S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (Washim) (12 /03/2016)	National level

30	Spider silk-an ancient material of the future	Innovations in Science & Technology: Opportunities and Challenges	College of Engineering and Technology, Akola (23-24 /09/ 2016)	International level
31	Medicinal prospects for major ampullate silk of giant wood spider, <i>Nephila Pilipes</i>	Recent Trends in Science and Technology: Sustainable Development Through Scientific Approach	Shri Shivaji Education Society's Science College, Nagpur (12-14/07/2017)	International
32	Zinc induced histopathological and biochemical anomalies in the liver of fish <i>O. punctatus</i>	Recent Trends in Biotechnology and Biodiversity	Shri Shivaji Science College, Amravati (22-23/09/2017)	National
33	X- ray diffraction study of dragline silk of <i>Nephila pilipes</i> (Araneae: Araneidae)	Advances in Science, Technology and Management	College of Engineering and Technology, Akola (10/10/2017)	International
34	Biochemical analysis of egg sac silk of <i>Nephila pilipes</i> with FTIR spectroscopy	Science and Technology for Sustainable Wildlife Management, Biodiversity and Ecosystems in India	J. D. Patil Sangludkar Mahavidyalaya, Daryapur (03-05/12/2017)	National
35	AFM study of egg sac silk fibers of the giant wood spider <i>Nephila pilipes</i>	Multifunctional Advanced Materials	Kamla Nehru Mahavidyalaya & Dharampeth M.P. Deo Memorial Sci. College, Nagpur (5-7/10/2018)	International
36	Impact of Zinc sulphate on gills of fish <i>O. punctatus</i>	Recent Trends in Life Sciences for Sustainable Development	SGB Amravati University Amravati (22-23/01/2019)	National
37	Orb web features of giant wood spider <i>Nephila pilipes</i>	Emerging Trends in Sciences	Vidya Bharati Mahavidyalaya, Amravati (1-2/02/2019)	National
38	Structural Analysis of Pyriform silk of <i>Nephila pilipes</i> with FTIR Spectroscopy	Recent Advances in Physical and Mathematical Sciences	Shri Shivaji College Akola (18/01/2020)	National
39	Effect of of Zinc toxicity on some haematological parameters of fish <i>Ophiocephalus punctatus</i>	Recent Trends in Life Sciences for Sustainable Development	Shri R.L.T. College Akola (24/01/2020)	National
40	A Multifunctional Biomaterial: Spider silk	Innovative Recent Trends in Life Sciences	Shri Shivaji College Akola (3-5/12/2020)	International

41	Biochemical Study of Pyriform Silk of Spider <i>Nephila pilipes</i>	Emerging Trends in Science and Technology (NCETST-2021)	Arvindbabu Deshmukh Mahavidyalaya, Bharsingi, Dist-Nagpur, (10/06/2021)	National
42	Study of cylindrical glands and egg sac silk of spider, <i>Nephila pilipes</i>	Animal Diversity: A Conservational Approach (ADCA-2021)	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon, Dist. Jalgaon (10- 11/08/2021)	National

F. Resource person in Conferences, Seminars, Workshops, Symposia

Sr. No.	Title of Lecture/ Academic Session	Title of Conference/Seminar/ Webinar etc.	Organized by	Level
1	Antimicrobial activity of spider silk	Diversity of Spiders with Special Reference to Taxonomy and Molecular Systematics	Shankarlal Khandelwal College, Akola (26-29 /11/2014)	National level
2	Living World	Vidnyan Manch Students Enrichment Camp	State Institute of Education, Nagpur & Shri Shivaji College, Akola (22 /12/2014)	State level
3	<i>Nephila</i> and its Silk producing behaviour	Spider Taxonomy	Rajarshee Shahu Science College, Chandur Rly, Dist.-Amravati (10 /03/ 2016)	State level
4	Gender equality today, for a sustainable tomorrow	Webinar On "Gender equality today, for a sustainable tomorrow"	Arts and Science College, Pulgaon, Dist. Nagpur (08/03/2022)	State level

G. Some Invited/Popular talks

Sr. No.	Title of Lecture/Academic Session	Event/Place	Organized by	Date
1	Wonderful World of Spiders	Workshop EUREKA for School Students and Teachers of Akola District	Department of Education, Z.P. Akola & Shri R.L.T. College of Science, Akola	25/11/2017
2	Scientific Model presentation	Model Upgradation workshop for 43 rd State level Science Exhibition,	State Institute of Science, Nagpur, Dept. of Education, Akola at New English High school and Jr. College, Akola.	17/03/2018
3	Steps for Successful Project	Workshop EUREKA for School Students and Teachers of Akola District	Department of Education, Z.P. Akola & Shri R.L.T. College of Science, Akola	13/03/2019

4	Fresh Water Fishes'	Skill Development Programme on 'Fresh Water Aqua Culture'	Dept. of Fisheries, Govt. of Maharashtra & Shri RLT College, Akola	02/01/2020
5	Biological Control with Spider Community	Guest Lecture on Science Day	Radhabai Sarda College, Anjangaon Surji	28/02/2020

H. Some prominent Events organized

Sr. No	Event	Date	Responsibility
1	One day Workshop 'EUREKA' for School Students and Teachers of Akola District organized by Department of Education, Z.P. Akola & Shri R.L.T. College of Science, Akola	25/11/2017	Coordinator
2	Workshop on 'Self Employment through Fisheries' organized by Dept. of Fisheries, Govt. of Maharashtra & RLT College, Akola	19/12/2018	Coordinator
3	Workshop 'EUREKA' for School Students and Teachers of Akola District organized by Department of Education, Z.P. Akola & Shri R.L.T. College of Science, Akola	13/03/2019	Coordinator
4	Three Days Skill Development Programme on 'Fresh Water Aqua Culture' organized by Dept. of Fisheries, Govt. of Maharashtra & Shri RLT College of Science, Akola	2-4/01/2020	Organizing Secretary
5	State level online Workshop on Environment and Biodiversity Conservation	05/06/2020	Organizing Secretary
6	Three Days National Level E- Workshop on Disaster Management Preparedness organized by Dept. of Life Long Learning & Education, SGB Amravati University; Akola District Disaster Management Unit and Shri RLT College of Science, Akola	27-29/06/2020	Joint Organizing Secretary
7	National level online Workshop on Organic Farming for sustainable Agriculture organized by Indian Science Congress Association, Amravati Chapter and Shri RLT College of Science, Akola	24/03/2021	Organizing Secretary
8	online Workshop on "E-Waste Management: Reduce, Repair, Refurbish, Recycle & Reuse"	11-08-2021	Convener

I. I) Development of e-learning delivery process/material:

Sr. No.	Year	Title of Document/ Module	Whether module is Web based or offline	Beneficiary
1	2017-18	Digital Gallery of Museum Specimens: Non-Chordates	Web based & offline (http://rltsc.edu.in/e-pathshala/#zoo)	B.Sc. I Students
2	2017-18	Digital Gallery of Museum Specimens: Chordates	Web based & offline (http://rltsc.edu.in/e-pathshala/#zoo)	B.Sc. II Students
3	2019-20	Diagrammatic manual of Chordates morphology	Web based & offline (http://rltsc.edu.in/e-pathshala/#zoo)	B.Sc. II Students
4	2019-20	Diagrammatic manual of Histology and Anatomy of Invertebrates	Web based & offline (http://rltsc.edu.in/e-pathshala/#zoo)	B.Sc. I Students

II) Google Classrooms:

Sr. No.	Year	Class	Class code	Class invite Link
1	2019-20	B.Sc. II	k7x53mg	https://classroom.google.com/c/NDE0Njk2Mjc1MzNa?cjc=k7x53mg
2	2020-21	B.Sc. II	zbwhd5j	https://classroom.google.com/c/MTIyODE0OTE2NzMy?cjc=zbwhd5j
3	2021-22	B.Sc. II	nhflf5h	https://classroom.google.com/c/NDAzODM5NTMyNTAx?cjc=nhflf5h

III) E-Content Channel: <https://www.youtube.com/channel/UCF8BIN0J5p6xOggcpjiXPFw/>

Sr. No.	Class	Topic	YouTube link	Date of Publication
1	B.Sc. II	External Features of Amphioxus	https://youtu.be/YURgQ0--qaQ	23/ 08/2020
2		Digestive System of Amphioxus	https://youtu.be/uOyYPZsgFhk	06/10/2020
3		Amphioxus: Physiology of Digestion	https://youtu.be/NRmFEUv7x8A	11/10/2020
4		Excretory organs of Amphioxus	https://youtu.be/JRqkXEgoOFk	21/10/2020
5		External features of Scoliodon	https://youtu.be/H5sYRZrCd-g	09/12/2020
6		Digestive system of Scoliodon	https://youtu.be/eQ8R49RKbqc	14/12/2020
7		Respiratory system of Scoliodon	https://youtu.be/aU16nlzgnZg	04/01/2021

8		Genetic Material and Griffith's Experiment	https://youtu.be/o9bUW6tBbjc	08/07/2021
9	B.Sc. III	Respiratory organ: Gills	https://youtu.be/Y97F-gmMalw	26/09/2020
10		Respiratory organ - Lungs	https://youtu.be/sbGAtcPUzVU	19/10/2020
11		Composition and Functions of Blood	https://youtu.be/M_E9mokZIfY	17/12/2020
12		Structure of Human Heart	https://youtu.be/fNZPhUtBlfs	07/01/2021

**J. Contribution to management of the department and institution through participation in academic and administrative committees and responsibilities
(Last five years: 2017-18 to 21-22)**

Sr. No.	Responsibilities	Session
1	Coordinator of Achievements Committee	2017-18
2	Member of Achievements and Prize distribution Committee	From 2018-19 to till date
3	Coordinator of Parent Teacher Association	From 2017-18 to till date
4	Coordinator for Criterion VII of IQAC	From 2017-18 to till date
5	Coordinator of Internal Green and Environment Audit Committee (IGEAC)	2017-18, 18-19, 2021-22
6	Member of Internal Green and Environment Audit Committee (IGEAC)	2019-20, 20-21
7	Member of Internal Energy Audit Committee	2019-20, 20-21, 21-22
8	Member of Internal Gender Audit Committee	From 2017-18 to 21-22
9	Guardian Teacher of B.Sc. II, (B5: Sr. no. 01-60) Students	From 2017-18 to till date
10	Member of Environment Cell	From 2017-18 to till date
11	Member of Admission Committee	2017-18 to till date
12	Member of Sky Observation Club	From 2017-18 to till date
13	Member of College Annual Magazine 'Pratibimb'	From 2018-19 to till date
14	Member of API Committee	From 2017-18 to till date
15	In charge of ZEBRA (Zoology Education By Research Activities) Association	From 2017-18 to till date

K. Awards:

Sr. No	Year	Fellowship/ Award	Award Conferring Organization	Event Organized by	Whether International National/ State/ Regional/ college or university level
1.	Oct. 2011	Best research paper presentation award	Indian society of Arachnology	Walchand College of Arts and Science, Solapur	National
2	Nov. 2014	Best research paper presentation (1 st Prize)	Indian society of Arachnology & Shankarlal Khandelwal College, Akola	Shankarlal Khandelwal College, Akola	National
3	March, 2016	Best research paper presentation (1 st Prize)	S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (Washim)	S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (Washim)	National
4	Oct. 2018	Best Poster paper Presentation (2 nd Prize)	Indian Association of Solid-state Chemists and Allied Scientists (ISCAS), Jammu	Kamla Nehru Mahavidyalaya & Dharampeth M.P. Deo Memorial Sci. College, Nagpur	International
5	March 2022	AATBI Enroll and Educate Award	EFEC (Environment & Forest Education Centre) Akola	EFEC & N.G. Law College, Akola	Regional
