



Name: Dr. Avinash Kadu Sonawane

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Google Scholar ID :

<https://scholar.google.com/citations?user=7C24EX8AAAAJ&hl=en>

Research gate ID :

Orchid ID :

Designation	Associate Professor
Name of the department	Zoology
Qualification	MSc, PhD CSIR NET

Year	Research Paper International Journal	Research Paper National Journal	Book Publish / Chapter	Patent Publish / IPR	Resource Person	Conferences/Seminars / Workshop organized / attended
2014		--	--	--	--	
2015	01	--	--	--	--	02
2016	02	--	--	--	--	03
2017	01	--	--	--	--	02
2018	01	--	--	--	--	03
2019	01	--	01	--	--	04
2020	01	01	01		--	7
2021	--	--	01	02	--	--
2022	--	--		--	1	--
2023	--	--		01	--	01

Orientation / Refresher / Short Term course / Faculty Development Programme (FDP):	Numbers-06
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Administrative Experience
 a). As head Department of Zoology
 b) BOS member: SPPU pune

Representation on Academic / Administrative bodies / Member of organizational bodies.
 Member BoS in Zoology S.P.P Univ .Pune. : From 29 July 2021- 31 August 2022

Teaching Experience- 30 year

Awards / Recognitions

Recognition	Name of the Faculty Member	Subject	University	Reference No.	Date
PG Teacher Recognition	Dr.A.k.Sonawane	Zoology	Savitribai Phule Pune University, Pune	BOD/Sci & Tech/10/571, dated 24.08.2017	From 21.07.2017 to age of superannuation
Ph. D. Guide Recognition	Dr.A.k.Sonawane	Zoology	Savitribai Phule Pune University, Pune	BOD/Sci & Tech/01/02, dated 02.01.2018	From 31.11.2017 to 29.11.2025

Patent:

- 1) Snail tracking agriculture machine – Design no-340026-001, date 2/3/2021 cbr no.201154
- 2) Animal bell to identify health and emotions – Design no. 339955-001, date-01/03/2021 Cbr no.201114
- 3) Title of the invention : A NEW SOURCE OF CHITIN FROM RICE WEEVIL, SITOPHILUS ORYZAE L ((21) Application No.202321003276 A Date of filing of Application :17/01/2023) Publication Date : 27/01/2023
The Patent Office Journal No. 04/2023 Dated 27/01/2023 6357

Research Guidance for M.Phil./Ph.D./Project

Research Guidance for M.Phil./Ph.D./Project: 3 students registered. Co-guide to 1 student.

Ph.D. Students: 05 students registered

1. **Mr. Hitesh Kondaji Pawar:** “Impact of Voliam Targo on fresh water fish *Channa gachua*”
2. **Miss. Ankita Vishwas Bhamare:** Study of Some Toxicological Effects of Pesticide Fenos Quick on Local Freshwater Fish, *Channa gachua*
3. **Miss. Aishwarya Zope: Miss. Aishwarya Zope:** “ETHNOZOOLOGICAL STUDIES OF FAUNA IN RELATION TO TRIBES FROM NORTHERN-WESTERN GHATS OF NASHIK DISTRICT (MAHARASHTRA)”.

Reviewer of Journals

A research paper published / presented

- 1) Lipid content of ovary during annual reproductive cycle in *Macrobrachium rosenbergii*. Scholars world vol. 3 special issue 73-75,2015 Print ISSN:2319-5789,Online ISSN:2320-3145
- 2) Study of acute toxicity of Lara pesticide (Chloropyriphose50% (EC) and its effects on serum protein of fresh water fish *Channa gachua* Research journey, International Multidisciplinary E-Research journal Special Issue I 197-203 February 2016,Online ISSN:2348-7143

- 3) Study of Zooplankton in Girna River at Malegaon city Maharashtra, India. Research journey International Multidisciplinary E- Research Journal Special Issue I 197-203 February 2016, Online ISSN:2348-
- 4) On a new species of the genus Ascometra (Cestoda: Dilepididae) from an edible bird Gallus domesticus from Maharashtra, India. Research journey International Multidisciplinary international research journal February 2017, Special Issue 12 ,
- 5) Protein content of ovary and hepatopancreas during annual reproductive annual reproductive cycle in fresh water female prawn Macrobrachium rosenbergii in International Refereed social sciences journal Researchers World Volume IX special issue 183-185 January 2018
- 6) Study of reproductive biology of the freshwater female prawn Macrobrachium rosenbergii. in relation to variations in the Gonadosomatic and hepatosomatic indices. An international multidisciplinary half yearly research Journal Galaxy link ISBN no. 2319-8108 volume VII issue I-22-29 peer reviewed referred on UGC listed Journal (Journal no. 47023
- 7) Biochemical changes in ovary and hepatopancreas during annual reproductive cycle of freshwater female prawn Macrobrachium rosenbergii. Journal Purkala ISBN no. 0971-2143 vol.31 issue 16 April 2020 indexed peer reviewed and listed in UGC care
- 8) Study of Ovarian maturation of freshwater of freshwater female prawn Macrobrachium rosenbergii with reference to histological and visual changes. in International conference on Innovations in applied sciences for sustainable development –IASSD-2023 at LVH college Nashik on 13/03/2023 to 14/03 /2023

Books published / chapter in a book:

- 1) F.Y.BSc Zoology paper I-Animal Diversity I- success publications. ISBN no-978-93-89066-50-0 PT-3510- 2019
- 2) F.Y.BSc Zoology Paper I-Animal Diversity II- Success publication. ISBN no.-978-93-89739-82-4 PT-3522- 2020
- 3) Reproductive Physiology of Mammals-International Publications Publishers and Distributers 6A/540, Avas,Vikas,HanspuramKanpur-208021-ISBN- 978-93-90775-78-01-----2021

Orientation / Refresher / Short Term course / Faculty Development Program me (FDP):

Sr. No.	Course	Title	Organizer	Duration	Dates
1	Refresher	Refresher in Zoology	Dr. Babasaheb Ambedkar Marathwada University Aurangabad	28 Days	from 04/12/2000 to 30/12/2000
2	Refresher	Refresher in zoology	Academic Staff College Goa University	23 Days	from 29 th August to 20 th Sept. 2002
3	Refresher	Refresher in life science	at –Dr. Babasaheb Ambedkar Marathwada University Aurangabad	21 Days	from 02-02-2005.to 22-02-2005

4	Orientation course	Orientation course	Dr. Babasaheb Ambedkar Marathwada University Aurangabad	28 Days	from-01/02/2007 to 28/02/2007
5	faculty development programme	Effective ways to develop E-Content for Teaching – Learning	Maratha vidya Prasarak Samaj KRT arts BH commerce and AM science (KTHM) college Nashik in association with Human resource development center (UGC – HRDC) SPPU Pune	10 Days	from 21may 2020 to 30 may 2020
6	One week online short term course	Drug developments in advanced drug delivery system and drug discovery to treat life threatening diseases	UGC Human resource Development Centre Jawaharlal Nehru Technological University Hyderabad Kukat pally Hyderabad T.S	One week	from 22 nd June to 27 th June 2020

Conference / Seminars / Workshop organized / attended

Sr. No.	Level	Title of the conference	Organizer	Year
	National	Eco-Restoration, Environmental Conservation and Management	M.S.G. college Malegaon camp Malegaon	2015
	State Level	One Day workshop on Poultry diseases and management	A.S.C college Deola Dist.Nashik.	2015
	International	Emerging trends and issues in Research & Development (ETIRD 2016)	M.S.G. College Malegaon,	2016
	International	International conference on pure and applied sciences	M.S.G College Malegaon	2016
	National	Water Resource Management for Agricultural India.	M.S.G. college Malegaon camp Malegaon	2016
	National	XXIX Statutory conference and National seminar on Reforms in Higher Education challenges and opportunities	Organized by the Savitribai Phule Pune University and SPPUCTO	2017
	state level	One day state level seminar on Role of environmental chemistry in our life	At Smt. Pushpatai Hiray Arts, Science and Commerce Mahila	2017

			Mahavidyalaya. Malegaon Camp	
	state level	One day state level Workshop on Identification of Angiospermic Taxa	M.S.G.College, Malegaon	2017
	International	International conference on Innovations in Nanomaterials and their applications	Loknete Vyankatrao hiray college Nashik	2018
	state level	Two days state level seminar on Recent trends in Drug discovery and Drug development	Samajshri Prashantdada Hiray College of pharmacy Malegaon	2018
	State Level	Biodiversity Importance and Conservation	ASC College Surgana	2018
	State level	“Waste management strategies: Reduce, Reuse and recycle” on 17 and 18 January 2019.organised by Department of botany sponsored by BCUD Savitribai Phule Pune University, Pune		2019
	State level	workshop on “ Sericulture”	Arts Science and Commerce College Manmad	2019
	state level	Two days state level seminar on “Recent trends in Spectroscopy and Chromatography ‘held	Samjshri Prashantdada Hiray college of pharmacy at Malegaon	2019
	state level	Two Days state level Workshop on E-Content development on higher education ”.	At M.S.G College Malegaon	2019
	International	International conference on climate change and its effect on biodiversity, commerce and economics	Arts ,commerce and Science College Sonai Tal. Newasa, Dist Ahmadnagar	2020
	International	International web conference on science engineering and technology (IWCSET)	organized by Society for technologically advanced materials of India (STAM)	2020
	International	International E- conference on Multifunctional advanced materials	Mahatma Gandhi Arts Science and late Commerce College Armori Cist. Gadchiroli	2020

	National	One Day National e-Conference on Vicious Circle of Contagious Diseases: COVID-19	Smt. Radhabai Sarada Arts, Commerce & Science College Anjangaon Surji, Dist- Amravati	2020
	National	Three days National E. Workshop on advanced educational techniques in sciences and humanities	Vasantrao Naik Arts Science and Commerce College Shahada Dist. Nandurbar	2020
	National	National level Workshop on Intellectual property rights management	Karmveer Bhausaheb hiray dental college Nashik and Arts science and commerce college Manmad	2020
	state level	Two Days state level conference on Chemical pesticides and impact on Environment and human health: The Urgent need for exploration in Agriculture	Arts Sci. and Commerce College Manmad	2020
	International	International conference on Innovations in applied sciences for sustainable development –IASSD-	Departments of science, at LVH college Nashik	2023

Experience as Resource Person for: 02

Ph.D. Course work: MSG College: 02

E-content developed link

E-content developed

1. YouTube link: <https://www.youtube.com/channel/UCzfLD9rohCRICoLVogSXRHW>

Social Media links

Research gate

Research Scholar	https://scholar.google.com/citations?user=7C24EX8AAAAJ&hl=en
Orchid Id	