

PERSONAL PROFILE

1. **Name** : **DR. SNEHA SAMPATRAO DESAI**
2. **University/College** : Vivekanand College, Kolhapur (Empowered Autonomous)
3. **Designation** : Assistant Professor (Zoology)
4. **Permanent Address** : Plot No.4 “Aai-Ji Niwas”, Subhadra-Arjun Residency,
Ingale Nagar, Kolhapur.
5. **Email** : drsnehasdesai@gmail.com
6. **Office Address & Phone Number** : Assistant Professor, Vivekanand College, 2130, E,
Tarabai Park, Kolhapur-416003.
Tel-(0231)2658840

7. Educational Qualification

Name of Examination	Name of Institution	Year	Marks Obtained	Class/ Grade
SET	Savitribai Phule University, Pune	2023	----	----
Ph. D	Shivaji University, Kolhapur	2019	----	----
M.Sc.	Shivaji University, Kolhapur	2014	71.41%	A+
B.Sc.	Rajaram College, Kolhapur	2012	73.00%	Distinction

8. Service details:

Sr. No.	Working Center	Post Held	Period	
			From	Up to
1	Rajaram College Kolhapur	Lecture	July 2014	December 2015
2	Vivekanand College Kolhapur (Empowered Autonomous)	Assistant Professor (CHB)	July 2019	Till date

9. Fellowship and Awards:

Sr. No.	Fellowship/Awards
1	Golden Jubilee Research Fellowship (GJRF) for the year 2017-2019 in the Department Zoology, Shivaji University.
2	Award from Gajendra Pratishthan Kolhapur (Rs:25000/-)– 22 June 2019

10. Research Interest: Phytomedicine, Diabetology, Endocrinology, Toxicology

11. Conferences/Workshops/ Seminars attended or paper presented

Sr. No.	Title	Organizer	National/International	Year
Conference attended				
1.	Frontiers in Agrochemicals and Pest Management	Dept. of AGPM, Shivaji University Kolhapur	National	30-31 January 2015
2.	Contemporary Research in Chemical and Life Sciences	Sadguru Gadage Maharaj College, Karad	International	22-23 April 2015
3.	Emerging Trends & Challenges in chemical Sciences	Department of Chemistry, Baburaoji Adaskar Mahavidyalaya Kaij, Beed (MS)	International e- Conference	10 th March 2021
4.	1st International Web Conference on Advances in Materials Science and Applied Biology (ICAMSAB-22)	Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)	International e- Conference	27 th - 28 th January 2022.
Paper presented in Conferences				
5.	Pioneers In Zoology	Arts ,Commerce & Science College, Palus	National	20 August 2015
6.	Convergence of Stem cells and Medical Nanotechnology	D.Y. Patil University, Kolhapur	National	2- 3September 2015
7.	Biodiversity and Bioresource Management	Department of Zoology, Shivaji University, Kolhapur	National	15-16 January 2016
8.	Challenges and opportunities before 21 st century India in the field of Social Science, Science, Management and Technology	Rajashri Chhatrapati Shahu College, Kolhapur	International	6-7 February 2016
9.	Emerging Trends and Classics in Life Sciences (ETC-LS 2017)	Department of Botany and Zoology, Yashwantrao Chavan Warana Mahavidyalaya, Warananagar	National	8 January 2017
10.	Innovative Research in Science and Technology	Gopal Krishna Gokhale College, Kolhapur	International	7-8 November 2017.
11.	Cancer Biology: Basic Science to translational Research (CBTR)	Department of Stem cell and Regenerative Medicine	International	17 -18 January 2020
12.	Emerging Trends in Zoology and Biotechnology	Department of Zoology and Biotechnology, SGM College Karad	National	7 March 2020
13.	Conservation of Wild taxa: Present Scenario	Department of Botany, Shri. Yashwantrao Patil	International e- Conference	5 th February 2021

		Science College, Solankur		
14.	Stem cell & regenerative medicine-Academic & industrial outlooks	Department of stem cell & regenerative medicine	International Conference	19 th -20 th march 2021
Workshops				
15.	National Bee Keeping Workshop	Department of Zoology, Shivaji University Kolhapur	Regional	17-19 December 2016
16.	Foundation Lecture in biology	Department of Zoology, Shivaji University Kolhapur	Regional	16-18 August 2017
17.	Biodiversity ,Conservation and awareness	Department of Zoology, Shivaji University Kolhapur	Regional	4 October 2017
18.	Awareness programme on Honey Bee Keeping	Department of Zoology, Shivaji University Kolhapur	Regional	5 October 2018
19.	Ornamental Fish Breeding, Rearing and its Management	Department of Zoology, Shivaji University Kolhapur and in collaboration with College of Fisheries, Shirgaon, Ratnagiri	Regional	23 -28 July 2018
20.	Women Empowerment through Digital Literacy	Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur and Maharashtra State Commissions for Women	Regional	28 September 2018
21.	Women and Social media	Shrimati. Shardabai Govindarao Pawar Adhyasan, Shivaji University, Kolhapur	Regional	12 December 2018
22.	Rusa Sponsored one day Workshop on Use of Modern Technology in Teaching Pedagogy	Internal Quality Assurance Cell and Department of Electronics, Vivekanand College, Kolhapur	Regional	15 December 2019
23.	Rusa Sponsored one day Workshop on Understanding IPR & Writing Research Paper	Research Development & Promotion Cell Vivekanand College, Kolhapur (Autonomous)	Regional	22 December 2019
24.	Rusa Sponsored one day Workshop on Research Articles: Preparation & Publication	Research Development & Promotion Cell Vivekanand College, Kolhapur (Autonomous)	Regional	29 December 2019

25.	Rusa Sponsored one day Workshop on writing Research Paper and Review of Literature	Research Development & Promotion Cell Vivekanand College, Kolhapur (Autonomous)	Regional	05 January 2020
26.	National Workshop on Recent Trends in Applied Zoology	Balwant College, Vita, Sangli	Regional	1 st February 2021
27.	National Workshop on Agro-business Opportunities in Biosciences	SGM college Karad	Regional	1 st -5 th February 2021
28.	National Online workshop on Laboratory Safety	Department of Chemistry, Ramkrishna Paramhansa Mahavidyalaya, Osmanabad	Regional	24 th February 2021
29.	One day Workshop on “ Pearl Farming”	Department of Zoology, Vivekanand College, Kolhapur (Autonomous)	Regional	16 th March 2022
30.	One day Workshop on “ Sanctiny and Confidentiality of Examination”	Examination Department, Vivekanand College, Kolhapur (Autonomous)	Regional	5 th December 2022
Hands on Training Workshop				
31.	Explore and Understand DNA	BioEra’s R&D Center and Training Facility, Pune.	-	1 st -2 nd September 2018
32.	Molecular Techniques in Biological Research	Department of Zoology, Shivaji University Kolhapur	Sponsored by UGC-STRIDE	23 rd to 26 th March 2022
Webinar				
33.	One day National Webinar on “Be Aware of Your Heart”	Department of Zoology & IQAC, The New College, Kolhapur	National	29 th September 2020
34.	One day National Webinar on Astronomy	Department of Physics & IQAC, Shikshanmahashi Dr. Bapuji Salunkhe College, Miraj	National	22 nd February 2021
35.	One day Webinar on “ Future Enlightening Competence for Science Graduates”	Department of Zoology & IQAC Shikshanmahashi Dr. Bapuji Salunkhe College,	National	18 th February 2021
36.	One day National Webinar on “Advances in Mushroom Cultivation”	Department of Botany Shankarrao Mohite Mahavidyalaya, Akulj	National	30 th March 2021
37.	One day online Webinar on “ Indian Biodiversity”	Department of Botany Smt. Meenalben Mehta College, Panchgani	National	22 nd May 2021

12. Research papers published:17

Sr. No	Name of Authors	Title of paper
1	Deshmukh P.S, Chougale A.K., Shahasane S.S., Desai S.S and Gaikwad S.G.	Studies on biology of hadda beetle, <i>epilachna vigintioctopunctata</i> (coleptera, coccinillidae): a serious pest of wild beeter gourd, <i>momordica dioica</i> . Trends in life sciences.2012, 1(3):46-48.
2	V. M. Deshmukh, M. V. Walvekar and S.S. Desai	Effect of <i>trigonella foenum graecum</i> (fenugreek) loaded PLGA nanoparticles on non specific esterase enzyme activity in salivary glands of aging accelerated male mice. Journal of endocrinology and reproduction. 2015, 19(1): 34-39.
3	Walvekar M. V., Potphode N. D., Desai S. S. , Deshmukh V. M.	Histological studies on islets of langerhans of pancreas in diabetic mice after curcumin administration. International journal of pharmaceutical and clinical research. 2016, 8(9): 1314-1318.
4	Desai S. S. , Walvekar M. V., Shaikh N. H.	Cytoprotective effects of <i>lepidium sativum</i> seed extract on liver and pancreas of hfd/stz induced type 2 diabetic mice. International journal of pharmacognosy and phytochemical research. 2017, 9(4): 0975
5	Nilofar Shaikh, , Madhuri Walvekar, Sneha Desai	Glycowithanolides enhances lactate dehydrogenase activity in reproductive organs of mice during oxidative stress. International journal of pharmaceutical sciences review and research. 2017, 45(2): 01-05
6	S.P. Khairmode, S.S. Desai , M. V. Walvekar	Salivary epidermal growth factor in mice modulates the differentiation of cd4 cells in thymus. International journal for research in applied science & engineering technology. 2018, 6(1): 470-477.
7	Sneha S. Desai , Madhuri V. Walvekar , Jitesh A.Daunde	Biomarkers of diabetes associated oxidative stress in liver and pancreas of diabetic mice after administration of <i>Lepidium sativum</i> seed extract. International journal for research in applied science & engineering technology.2018, 6(1): 2786-2791
8	Matwal S. R., Desai S. S. , Bhopale L. P. and Walvekar M. V.	Role of EGF secreted by submandibular gland in acetaminophen Induced acute liver failure. International journal of life sciences. 2018, A9:67-72
9	J. A. Daunde, S. S. Desai , P. J. Desai, P. S. Kamble, A. V. Bhoi, P. R. Gaikwad, M. V. Walvekar	Nano-scaling of trigonelline improves antioxidative status of hfd-stz induced diabetic mice. International journal for research in applied science & engineering technology. 2018, 6(2): 2547-2552

10	S.S. Desai , S. P. Khairmode M.V.Walvekar	Free radical scavenging activity of lepidium sativum seed extract in hfd/stz induced diabetic mice. International journal of pharma and bio sciences. 2018, 9(2) (b): 127-132
11	N. D. Potphode, J. A. Daunde, S. S. Desai and M. V. Walvekar	Nano-curcumin: a potent enhancer of body Antioxidant system in diabetic mice. International journal of phytomedicine. 2018, 10(3):162-167.
12	S. P. Khairmode , S. S. Desai and M. V. Walvekar	Flow Cytometric Analysis of Peripheral T Cell Subsets in the Sialoadenectomised and Salivariadenectomised Male Mice (<i>Mus Musculus</i> Linn.) Journal of endocrinology and reproduction.2018, 22(2): 37-41
13	S.S. Desai , J. A. Daunde, N.D. Potphode and M.V. Walvekar	GC-MS Analysis of <i>Ocimum Sanctum</i> Seeds. Bioinfolet 2021, 18(1B): 163-164
14	N.D. Potphode, J. A. Daunde, S.S. Desai , and M.V. Walvekar	Effect of Nanocurcumin on lipofuscinogenesis in the pancreas of alloxan induced diabetic mice. Bioinfolet.2021, 18(2): 215-217
15	N.D. Potphode, N. A. Jadhav, S.S. Desai , P. B. Teli and M.V. Walvekar	Modulatory Effect of Curcumin Nanoparticles on Islets of Langerhans of Alloxan Induced Diabetic Mice. International Journal of Research and Analytical Reviews (IJRAR).2022,9(1):87-92
16	S.S. Desai , S. P. Khairmode, N.D. Potphode, N. A. Jadhav, and M.V. Walvekar	Hypoglycemic and Hepatoprotective Activity of <i>Elettaria Cardamomum</i> extract in Hfd/Stz induced Diabetic Mice. International Journal of Research and Analytical Reviews (IJRAR).2022,9(1):155-160
17	N. A. Jadhav, S.R. Matwal, J. A. Daunde, S.S. Desai and M.V. Walvekar	Nanoformulations of curcumin for the the treatment of diabetes mellitus and associated complications. Journal of Shivaji University: Science and Technology. 2022,48(2):1-17

13. Research Project:-

Title of Project / Scheme	Funding Agency	Date of Starting	Date of Completion
Analysis of the biochemical and histopathological impact of insecticide Flubendiamide on <i>Labeo rohita</i> (Seed Money Scheme for Research)	Vivekanand College Kolhapur (Empowered Autonomous)	2022	On going

14. Other activities:

- Participated in **Avishkar** 2011-12 & 2016-2017
- Worked as Junior supervisor for theory & practical examination in the Department of Zoology, Shivaji University Kolhapur for M.Sc. I and M.Sc. II (2016-2018)
- Working as a paper setter in the Department of Zoology, Vivekanand College, Kolhapur (Empowered Autonomous) for B.Sc I, II & III from September 2019 till now.
- Working as BOS member in the Department of Zoology, Vivekanand College Kolhapur from 16/10/2019 to till date.
- Working as a Examiner for theory paper assessment in the Department of Zoology, Vivekanand College, Kolhapur (Autonomous) for B.Sc I, II & III from September 2019 till now.
- Worked as paper setter & examiner for M.Sc. I & II at YCMOU, Nashik from November 2021 till now.

Declaration: I hereby declare that the above mentioned is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned truly.

(Dr. Sneha S. Desai)

Place: Kolhapur

Date: 30 / 09 /2023