

Contact Details

Email:

drsnehasdesai@gmail.com;

Languages Known: Marathi, English, and Hindi

Area of interest:- Teaching & Research.

Individual Skill-

- Excellent verbal and written communication skill
- Good Public Relation
- Confident about work
- Learning attitude with good grasping power
- Hardworking nature
- Scientific attitude

Dr. Sneha Sampatrao Desai M.Sc. Ph. D. SET

Career Objective

- To obtain a challenging career and excel as a quality professional in a highly challenging and stimulating environment where I can use my skills and expand my knowledge with the institution.

Educational Qualification

Field of Study : Doctor of Philosophy (Ph.D)
: Master of Science (Zoology-Cell biology specialization)
: Bachelor of Science(Zoology)

Name of Examination	Name of Institution	Class/ Grade
PGDS	Shivaji University, Kolhapur	Distinction
SET	Savitribai Phule University, Pune	----
Ph. D	Shivaji University, KolhapuR	----
M.Sc.	Shivaji University, Kolhapur	A+
B.Sc.	Rajaram College, Kolhapur	Distinction
H.S.C	Kamala College, Kolhapur	First
S.S.C	Usharaje Highschool, Kolhapur	Distinction

Title of Thesis

Comparative Study on Antidiabetic Activity of Fenugreek, Tulsi, Garden cress and Cardamom Seeds in Type 2 Diabetic Mice.

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 (Autonomous)	2022	On going

Position held

Designation	From	To	Name of the institution
Lecturer	July 2014	December 2015	Rajaram College, Kolhapur
Teacher assistant (TA)	August 2016	2018	Department of Zoology, Shivaji University, Kolhapur
Assistant Professor	June 2019	Till Date	Vivekanand College, Kolhapur
Assistant Professor (CMLT & DMLT)	June 2019	Till Date	Vivekanand College, Kolhapur
Lecturer Environmental Science	June 2021	Till Date	YCMOU, Vivekanand College Kolhapur (Autonomous)

Fellowship

Golden Jubilee Research Fellowship (GJRF) for the year 2017-2019 in the Department Zoology, Shivaji University Kolhapur.

Award

Award from **Gajendra Pratishthan** Kolhapur (**Rs:25000/-**) 22 June 2019

Orientation / Refresher / FDP/ Short Term Courses

Title of the FDP/STC	Name of Institute Organizing FDP/STC	Day and date of the program	Online / offline
NEP Orientation & Sensitization	GAD-MMTTC, Sri Guru Tegh Bahadur Khalsa College, New Delhi	03/03/2025 to 12/03/2025	Online
Faculty Induction Programme	UGC Malaviya Mission Teacher Training Centre, University of Mumbai	05/05/2025 to 31/05/2025	Online

Book Published/ Chapter in Book

Title of the Book published	Title of the Chapter published	Year and month of publication	ISBN of the Book / Conference Proceeding	Name of the Publisher
Microplastics: Impacts and Implications	Vulnerable Populations: Effects on Sensitive Groups	February 2025	ISBN 978-81-986001-1-0	Olympick Publisher India

Research interest

Phytomedicine, Diabetology, Endocrinology, Toxicology

Research Paper Publication:17

Sr. No	Name of Authors	Year	Title of paper	Journal	Volume & issue	Page no
1	Deshmukh P.S., Chougale A.K., Shahasane S.S., Desai S.S and Gaikwad S.G.	2012	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	1(3)	46-48
2	V. M. Deshmukh, M. V. Walvekar and S.S. Desai	2015	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	19(1)	34-39
3	Walvekar M. V., Potphode N. D., Desai S. S. , Deshmukh V. M.	2016	Histological studies on islets of langerhans of pancreas in diabetic mice after curcumin administration.	International journal of pharmaceutical and clinical research	8(9)	1314 - 1318
4	Desai S. S. , Walvekar M. V., Shaikh N. H.	April 2017	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	9(4)	0975 - 4873
5	Nilofar Shaikh, Madhuri Walvekar, Sneha Desai	July 2017	Glycowithanolides enhances lactate dehydrogenase activity in reproductive organs of mice during oxidative stress.	International journal of pharmaceutical sciences review and research	45(2)	01-05
	S.P. Khairmode, S.S. Desai , M.	January 2018	Salivary epidermal growth factor in mice modulates the	International journal for research in		470-477

6	V. Walvekar		differentiation of cd4 cells in thymus.	applied science & engineering technology	6(1)	
7	Sneha S. Desai , Madhuri V. Walvekar , Jitesh A.Daunde	January 2018	Biomarkers of diabetes associated oxidative stress in liver and pancreas of diabetic mice after administration of lepidium sativum seed extract	International journal for research in applied science & engineering technology	6(1)	2786-2791
8	Matwal S. R., Desai S. S. , Bhopale L. P. and Walvekar M. V.	January 2018	Role of egf secreted by submandibular gland in acetaminophen Induced acute liver failure	International journal of life sciences	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	February 2018	Nano-scaling of trigonelline improves antioxidative status of hfd-stz induced diabetic mice	International journal for research in applied science & engineering technology	6(2)	2547-2552
10	S.S. Desai , S. P. Khairmode M.V.Walvekar	March 2018	Free radical scavenging activity of lepidium sativum seed extract in hfd/stz induced diabetic mice	International journal of pharma and bio sciences	9(2) (b)	127-132
11	N. D. Potphode, J. A. Daunde, S. S. Desai and M. V. Walvekar	2018	Nano-curcumin: a potent enhancer of body Antioxidant system in diabetic mice	International journal of phytomedicine	10(3)	162-167
12	S. P. Khairmode , S. S. Desai and M. V. Walvekar	December 2018	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	22(2)	37-41
13	S.S. Desai , J. A. Daunde, N.D. Potphode and M.V. Walvekar	2021	GC-MS Analysis of <i>Ocimum Sanctum</i> Seeds.	Bioinfolet	18(1B)	163-164

14	N.D. Potphode, J. A. Daunde, S.S. Desai , and M.V. Walvekar	2021	Effect of Nanocurcumin on lipofuscinogenesis in the pancreas of alloxan induced diabetic mice	Bioinfolet	18(2)	215-217
15	Nitin D. Potphode, Namrata A. Jadhav, Sneha S. Desai , Parashuram B. Teli and Madhuri V. Walvekar	2022	Modulatory Effect of Curcumin Nanoparticles on Islets of Langerhans of Alloxan Induced Diabetic Mice	International Journal of Research and Analytical Reviews (IJRAR)	9(1)	87-92
16	Sneha S. Desai , Shilpa P. Khairmode, Nitin D. Potphode, Namrata A. Jadhav and Madhuri V. Walvekar*	2022	Hypoglycemic and Hepatoprotective Activity of <i>Elettaria Cardamomum</i> extract in Hfd/Stz induced Diabetic Mice.	International Journal of Research and Analytical Reviews (IJRAR)	9(1)	155-160
17	N. A. Jadhav, S. R. Matwal, J. A. Daunde, S. S. Desai and M. V. Walvekar	2022	Nanoformulations of curcumin for the treatment of diabetes mellitus and associated complications.	Journal of Shivaji University: Science and Technology	48(2)	1-17

Conference/ Workshop/ 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 Science College, Solankur	International e-Conference	5 February 2021
14.	Stem cell & regenerative medicine-Academic & industrial outlooks	Department of stem cell & regenerative medicine	International Conference	19-20 march 2021
15.	Applied Research in life Sciences.	Balwant College Vita	National	5 March 2025

16.	Innovative Research & Education in Chemical and Life Sciences (IRECLS-2025)	Babasaheb Desai College, Patan	National	21 March 2025
Workshops				
17.	National Bee Keeping Workshop	Department of Zoology, Shivaji University Kolhapur	Regional	17-19 December 2016
18.	Foundation Lecture in biology	Department of Zoology, Shivaji University Kolhapur	Regional	16-18 August 2017
19.	Biodiversity ,Conservation and awareness	Department of Zoology, Shivaji University Kolhapur	Regional	4 October 2017
20.	Awareness programme on Honey Bee Keeping	Department of Zoology, Shivaji University Kolhapur	Regional	5 October 2018
21.	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
22.	Women Empowerment through Digital Literacy	Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur and Maharashtra State Commissions for Women	Regional	28 September 2018
23.	Women and Social media	Shrimati. Shardabai Govindarao Pawar Adhyasan, Shivaji University, Kolhapur	Regional	12 December 2018
24.	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

25.	Rusa Sponsored one day Workshop on Understanding IPR & Writing Research Paper	Research Development & Promotion Cell Vivekanand College, Kolhapur (Autonomous)	Regional	22 December 2019
26.	Rusa Sponsored one day Workshop on Research Articles: Preparation & Publication	Research Development & Promotion Cell Vivekanand College, Kolhapur (Autonomous)	Regional	29 December 2019
27.	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
28.	National Workshop on Recent Trends in Applied Zoology	Balwant College, Vita, Sangli	Regional	1 st February 2021
29.	National Workshop on Agro-business Opportunities in Biosciences	SGM college Karad	Regional	1 st -5 th February 2021
30.	National Online workshop on Laboratory Safety	Department of Chemistry, Ramkrishna Paramhansa Mahavidyalaya, Osmanabad	Regional	24 th February 2021
31.	One day Workshop on “Pearl Farming”	Department of Zoology, Vivekanand College, Kolhapur (Autonomous)	Regional	16 th March 2022
32.	One day Workshop on “Sanctiny and Confidentiality of Examination”	Examination Department, Vivekanand College, Kolhapur (Autonomous)	Regional	5 th December 2022
Hands on Training Workshop				
33.	Explore and Understand DNA	BioEra's R&D Center and Training Facility, Pune.	-	1 st -2 nd September 2018
34.	Molecular Techniques in	Department of	Sponsored by	23 rd to 26 th

	Biological Research	Zoology, Shivaji University Kolhapur	UGC- STRIDE	March 2022
Webinar				
35.	One day National Webinar on “Be Aware of Your Heart”	Department of Zoology & IQAC, The New College, Kolhapur	National	29 th September 2020
36.	One day National Webinar on Astronomy	Department of Physics & IQAC, Shikshanmahashi Dr. Bapuji Salunkhe College, Miraj	National	22 nd February 2021
37.	One day Webinar on “Future Enlightening Competence for Science Graduates”	Department of Zoology & IQAC Shikshanmahashi Dr. Bapuji Salunkhe College,	National	18 th February 2021
38.	One day National Webinar on “Advances in Mushroom Cultivation”	Department of Botany Shankarrao Mohite Mahavidyalaya, Akulj	National	30 th March 2021
39.	One day online Webinar on “Indian Biodiversity”	Department of Botany Smt. Meenalben Mehta College, Panchgani	National	22 nd May 2021

Resource person/ Invited talk/ Guest Lecture

Sr. No.	College/ Institute Name	Topic of Lecture	Date
1	Krishi Vigyan Kendra, D. Y. Patil Education Society	Exploring Apiculture: Profitable Ventures in Beekeeping	06/09/2024
2	Shri. Shahaji Chhatrapati Mahavidyalaya, Kolhapur	Human Heart Physiology & Cardiac arrest	14/08/2025

Other activity

- 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 (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 here by 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: 23 / 08 /2025