


CURRICULUM VITAE

Name	:	Dr. SATISH S BHANDE , Ph.D	
Designation	:	Assistant Professor	
Department	:	Zoology	
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Area of Specialization	:	Zoology	
Research Area	:	Reproduction, Animal behavior	
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ACADEMIC QUALIFICATION

Exam Passed	Board/University	Subject/Specialization	Year	Division/Grade Merit etc.
Basic Qualification				
Ph. D. (Life science)	University of Rajasthan, Jaipur	Life science	August, 2004	I
M. Sc. (Zoology)	RTM Nagpur University, Nagpur	Mammalian Reproductive Physiology	April-2000	I
B. Sc.	RTM Nagpur University, Nagpur	Chemistry, Zoology, Microbiology	April-1998	II
Additional Qualification				
MS-CIT	MSBTE, Mumbai	Computer	September, 2018	I

ACADEMIC AND RESEARCH PROFILE

- Google Scholar: <https://scholar.google.co.in/citations?hl=en&user=BU7dkosAAAAJ>
- ORCID: <https://orcid.org/0000-0002-4228-8722>
- Web of Science Researcher ID: AAR-7357-2020
- Research Gate: <https://www.researchgate.net/profile/Satish-Bhande>

Citation Profile (Google Scholar)

	All	Since 2017
Citations	539	156
h-Index	10	07
i10-Index	10	05

Research Experience and Training

Research Stage		Title of Thesis/ No. of Students Working	University
Recognized Ph. D. Guide in Zoology Subject		Working: 01 Completed: 00	KBC NMU, Jalgaon
Ph. D. (August, 2004)		Contraceptive evaluation and toxicological screening of the isolated compounds of the seeds of <i>Carica papaya</i> in langur monkey – A preclinical study	University of Rajasthan, Jaipur
Research Associate (2007 - 2009)		Hamster sperm maturation proteomics	CCMB, Hyderabad
Post-Doctoral Fellow (2005 - 2006)		Immunocontraception, Proteomics	Dept. of Ob/Gyn, Health Science Centre, West Virginia University, WV, USA
Professional Training			
Sr. No.	Training program	Date	Place
1	104th Orientation Program	05th June to 02 nd July, 2012	DAVV, Indore
2	Refresher Course	18 th May to 07th June, 2017	GJUS & T, Hisar
3	Refresher Course	28 th Oct to 10 th Nov, 2020	DAVV, Indore
4	Online FDP on Skill Development for Online Teaching	5 th May to 7 th May 2020	Bhavan’s College, Andheri(W). Mumbai
5	Online FDP on Jmole application	8 th to 14 th May, 2020	Bajaj College of Science, Wardha
6	Online FDP on Managing Online Classes & Co- creating MOOCS 2.0	18 th May- 03 rd June, 2020	PMMMNMTT, Teaching Learning Centre, Ramanujan College University of Delhi
7	Short term course on “ Virtual Learning Environment”	08 th to 24 th May 2020	A.P.A.College of Arts and Culture, Palani
8	Online FDP on Advanced concepts for developing MOOCs	02 nd to 17 th July, 2020	PMMMNMTT, Teaching Learning Centre, Ramanujan College University of Delhi
9	Online FDP on Mathematics for biological science (Zoology)	15 th to 20 June, 2020	UGC-HRDC, PMMMNMTT, Savitribai Phule, Pune University

Publications

➤ Research Article:

1. A Review on Management of Invasive Insect Pest Fall Armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae): Patel Sagarbhai B., Bhande Satish S. and Wasu Yogesh H.* *International Journal of Zoological Investigations Vol. 7, No. 2, 723-732 (2021) ISSN: 2454-3055.* <https://doi.org/10.33745/ijzi.2021.v07i02.056>
2. Histological changes in the testis of albino rat treated with aqueous extract of *Amaranthus spinosus*. S. S. Bhande and Y. H. Wasu. CIBTech Journal of Zoology ISSN: 2319–3883 2021 Vol.10, pp.52-57.

3. Ant diversity according to disturbance gradient in PSGVPM's campus, Shahada (MS): (2019) Bhande SS, Gawande DM and Wasu YH, 'Research Journey' International E- Research Journal, Special Issue 182 (G): 27-30 ISSN 2348-7143
4. Effect of aqueous extract of *Amaranthus spinosus* on biochemical parameters of Wistar albino rats. Bhande Satish S and Wasu Yogesh H. Life Sciences Leaflets, May 2016 Volume No. 75 (2016) Page No. 01 to 09 ISSN 2277-4297 (Print) 0976–1098 (Online)
5. Effect of aqueous extract of *Amaranthus spinosus* on hematological parameters of Wistar albino rats. Bhande Satish S and Wasu Yogesh H. Journal of Experimental Biology and Agricultural Sciences, February - 2016; Volume - 4 (1) ISSN No. 2320 - 8694.DOI: [http://dx.doi.org/10.18006/2016.4\(1\).116.120](http://dx.doi.org/10.18006/2016.4(1).116.120)
6. Role of glycerol-3-phosphate dehydrogenase 2 in mouse sperm capacitation. Kota V, Rai P, Weitzel JM, Middendorff R, Bhande SS, Shivaji S. Mol Reprod Dev. 2010 Sep;77(9):773-83. PMID: 20602492
7. Glucose-regulated protein precursor (GRP78) and tumor rejection antigen (GP96) are unique to hamster caput epididymal spermatozoa. Kameshwari DB, Bhande S, Sundaram CS, Kota V, Siva AB, Shivaji S. Asian J Androl. 2010 May; 12(3):344-55. Epub 2010 Apr 19. PMID: 20400973
8. Molecular identities of human sperm proteins reactive with antibodies in sera of immunoinfertile women. Bhande S, Naz RK. Mol Reprod Dev. 2007 Mar; 74(3):332-40. PMID: 16998854
9. Perspectives of contraceptive choices for men. Lohiya NK, Manivannan B, Bhande SS, Panneerdoss S, Garg S. Indian J Exp Biol. 2005 Nov; 43(11):1042-7. Review PMID: 16313067
10. Safety evaluation of long-term vas occlusion with styrene maleic anhydride and its non-invasive reversal on accessory reproductive organs in langurs. Manivannan B, Bhande SS, Panneerdoss S, Sriram S, Lohiya NK. Asian J Androl. 2005 Jun; 7(2):195-204. PMID: 15897977
11. Efficacy trial on the purified compounds of the seeds of *Carica papaya* for male contraception in albino rat. Lohiya NK, Mishra PK, Pathak N, Manivannan B, Bhande SS, Panneerdoss S, Sriram S. Reprod Toxicol. 2005 May-Jun; 20(1):135-48. PMID: 15808797
12. Preclinical evaluation for noninvasive reversal following long-term vas occlusion with styrene maleic anhydride in langur monkeys. Lohiya NK, Manivannan B, Mishra PK, Sriram S, Bhande SS, Panneerdoss S. Contraception. 2005 Mar; 71(3):214-26. PMID: 15722073
13. Ultrastructural changes in the testis and epididymis of rats following treatment with the benzene chromatographic fraction of the chloroform extract of the seeds of *Carica papaya*. Manivannan B, Mishra PK, Pathak N, Sriram S, Bhande SS, Panneerdoss S, Lohiya NK. Phytother Res. 2004 Apr; 18(4):285-9. PMID: 15162362
14. Status of spermatogenesis and sperm parameters in langur monkeys following long-term vas occlusion with styrene maleic anhydride. Mishra PK, Manivannan B, Pathak N, Sriram S, Bhande SS, Panneerdoss S, Lohiya NK. J Androl. 2003 Jul-Aug; 24(4):501-9. PMID: 12826690

15. Chloroform extract of *Carica papaya* seeds induces long-term reversible azoospermia in langur monkey. Lohiya NK, Manivannan B, Mishra PK, Pathak N, Sriram S, Bhande SS, Panneerdoss S. Asian J Androl. 2002 Mar; 4(1):17-26. PMID: 11907624.
16. Manivannan, B, P. K. Mishra, N. Pathak, S. Sriram, S. S. Bhande, S. Panneerdoss and N. K. Lohiya: Current advances in male contraception. In: Reproductive Biology and Comparative Endocrinology. M. Akbarsha (ed.). SRBCE, Chennai & BU, Tiruchirappalli (India); pp 23-24; Jan, 7-9, 2002

Paper Presentation

Sr. No.	Title of Paper	Level	Place	Period
1	Symposium - [Recent trends in Environmental Protection: Concerns and Challenges (RTEPC)]	National	BSSPM's ASC College, Songir, Dist. Dhule	5 Oct, 2015
2	Conference - [Advances in Bioscience and Environmental science: Present and Future (ABES-2015)]	National	CES's ASC College, Chalisgaon, Dist. Jalgaon	22-23 Sept, 2015
3	National Conference on "Recent Advances in Environmental Sciences"	National	SSVPS College, Dhule	19-20 Jan, 2014
4	International Congress on "Bio-immunoregulatory mechanisms associated with Reproductive Organs: Relevance in Fertility and in sexually transmitted infections"	International	National Institute of Immunology, New Delhi.	February 9-13, 2009
5	International Conference on 'Germ cell development-function and ISSRF 19th Annual Meeting"	International	Indian Institute of Science, Bangalore.	January 22-24, 2009

Research Project Carried Out

Sr. No.	Funding Agency	Project Title	Project Period and Amount	Present Status
1	University Grant Commission	Scientific evaluation of antifertility effect of <i>Amaranthus spinosus</i> in albino rat	2 yrs. Rs. 1,75,000	Completed

Conference / Symposium / Workshop Organized:

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
1	Conference – [Animal Biodiveristy and Recent Trends in Zoological Research]	National	PSGVPM Arts, Science and Commerce College Shahada	6-7 Dec, 2013
2	Bal Vigyan Mela for Tribal Children	University	PSGVPM Arts, Science and Commerce College Shahada	23-24 Sept, 2019
3	National workshop on microscopy	National	Online	23 rd July, 2021

4	Good Laboratory Practices and Maintenance of Museum Specimens	National	Online	30 th July, 2021
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Conference / Symposium / Workshop Attended:

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
1	Workshop on 'FYBSc (Sem-I and II) syllabus restructuring	University	RPSPM's Arts, Science and Commerce College, Raver	25 Feb, 2022
2	National Level Webinar on "Best Practices in Life Sciences"	National	MGV's Arts, Science & Commerce college, Nashik	25 Jan, 2022
3	National Webinar on Sericulture and Biomimetics- The New Era	National	SSVPS, Science College, Dhule	22 Oct, 2021
4	National conference on 'Animal diversity: A conservational approach'	National	CE Societies, Arts, Science and Commerce College, Chalisgaon	10-11 Aug, 2021
5	"One Day Multidisciplinary International e-Conference"	International	Arts, Science and Commerce College, Pimpalner	22 July, 2021
6	International (Web) Conference On "New Vistas in Aquatic & Terrestrial Biology and Environment during Current Pandemic" (ATBE-2021)	International	RSSPM's Arts, Science and Commerce College, Chalisgaon	26-27 March, 2021
7	National workshop on 'Recent trends and applied Zoology'	National	Balwant college, Sangli	2 Feb, 2021
8	Online learning: Live classroom teaching platforms	University	KBCNMU, Jalgaon	20-23 July, 2020
9	workshop on e-content development	University	PSGVPM Arts, Science and Commerce College Shahada	13 July, 2020
10	Introducing skill-oriented courses in Universities and Colleges	National	APSCHE and Akkineni Nageswara Rao College	9 July, 2020
11	National webinar on 'RUSA web-based software application'	National	SVPKM's Arts, Science and college of Commerce, University of Mumbai	8 July, 2020
12	State level virtual workshop on 'Apiculture'	State	CES's, Arts, Commerce and Science College, Chalisgaon	8 June, 2020
13	International Webinar on 'Taxonomy and Forensic Entomology'	International	Dept. of Zoology and IQAC Sant Gadge Baba Amravati University	31 May, 2020
14	Women in higher education: Issues and challenges during corona pandemic	National	GAD-TLC MHRD, University of Delhi	27 May, 2020
15	National Workshop on "Role of IQAC in Assessment and Accreditation Process"	National	PSGVPM Arts, Science and Commerce College Shahada	22 May, 2020

16	National Webinar on Potential and Applications of Indigenous Bio-Resources	National	Late Karmaveer Dr. P. R. Ghogrey Science College, Dhule	14-15 May, 2020
17	“Empowering teacher with Moodle LMS”	National	N.Y.N.C. College, Chalisgaon	11 May, 2020
18	National Level Webinar on ‘Birds Connect Our World’	National	Puna College of Arts, Science and Commerce, Pune	9 May, 2020
19	Challenges and opportunities in higher education in Indian for the 21 st century	National	GAD-TLC MHRD, University of Delhi	8 May, 2020
20	Corona pandemic and economic challenges in India	National	GAD-TLC MHRD, University of Delhi	4 May, 2020
21	Challenges and opportunities before Indian higher education due to COVID-19	National	GAD-TLC MHRD, University of Delhi	2 May, 2020
22	Workshop - [Workshop for research guides]	University	KVPS’S Arts, Science and Commerce College, Shirpur	7th Feb, 2020
23	Bal Vigyan Mela for Tribal Children	University	PSGVPM Arts, Science and Commerce College Shahada	23-24 Sept, 2019
24	Workshop - [M.Sc. I & II Practical workshop of Zoology]	University	PSGVPM Arts, Science and Commerce College Shahada	29 Nov, 2018
25	Workshop - [workshop on Capacity building: A new mantra for Higher Education]	University	PSGVPM Arts, Science and Commerce College Shahada	29 Oct, 2018
26	Symposium - [Neutraceuticals: A new era of Medicines]	National	PSGVPMs College of Pharmacy Shahada	05 Oct, 2018
27	Workshop - [? Innovation, Invention and Patents]	National	PSGVPMs DN Patel College of Engineering Shahada	14-16 Sept, 2018
28	Workshop - [FY BSc. Zoology (Theory and Practical)]	University	SSMM ASC College, Pachora, Dist. Jalgaon	03 August, 2018
29	Workshop - [Workshop on MSc. II (Sem- II and IV) syllabus framing]	University	MJ College, Jalgaon	21 May, 2018
30	Workshop - [FY BSc. Zoology Syllabus framing]	University	SG Patil ASC College, Sakri, Dist. Dhule	21 April, 2018
31	Symposium - [Current Scenario in Clinical Pharmacology]	National	PSGVPMs College of Pharmacy Shahada	7 Oct, 2017
32	Conference - [Recent Emerging Trends in Plant Sciences (RETPS -2017)]	National	PSGVPM Arts, Science And Commerce College Shahada	23 Sept, 2017
33	Workshop - [TY BSc. practical workshop in Zoology]	University	PES ASC College, Pimpalner, Dist. Dhule	07 July, 2017
34	Workshop - [Syllabus Framing Workshop of T.Y. B.Sc. Zoology]	University	JET’s ZB Patil College, Dhule	23 Feb, 2017
35	Workshop - [On Screen Evaluation]	University	PSGVPM Arts, Science And Commerce College	29 Sept, 2016

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36	Symposium - [Recent Advances in Novel Drug Carrier System]	National	PSGVPMs College of Pharmacy Shahada	5 Oct, 2016
37	Symposium - [Recent trends in Environmental Protection: Concerns and Challenges (RTEPC)]	National	BSSPM ASC College, Songir	5 Oct, 2015
38	Conference - [Advances in Bioscience and Environmental science: Present and Future (ABES-2015)]	National	CES ASC College, Chalisgaon	22-23 Sept, 2015
39	Workshop - [One day syllabus framing workshop of MSc II (Sem. III & IV) Zoology]	University	PSGVPM Arts, Science and Commerce College Shahada	05 Dec, 2014
40	Symposium - [Role of Pharma Clinic in Health Care Profession of Indian Rural Area]	National	PSGVPMs College of Pharmacy Shahada	17-18 Oct, 2014
41	Workshop - [Mutual Learning in TYBSc Zoology practical workshop]	University	SSVPS College, Dhule	22 Aug, 2014
42	Symposium - [Chromatography: An effective tool for herbal drug standardization]	National	PSGVPM College of Pharmacy, Shahada	12 April, 2014
43	Conference - [Recent advances in Environmental Sciences]	National	SSVPS College, Dhule	19-20 Jan, 2014
44	Conference - [Animal Biodiversity and Recent Trends in Zoological Research]	National	PSGVPM Arts, Science And Commerce College Shahada	6-7 Dec, 2013
45	Conference - [Recent Emerging Trends in Plant Sciences (REPTS -2013)]	National	PSGVPM Arts, Science And Commerce College Shahada	6-7 Sept, 2013
46	Workshop - [Preparation of syllabus for the subject Zoology at SYBSc level]	University	SSMM ASC College, Pachora, Dist. Jalgaon	12 Jan, 2013
47	Workshop - [Mutual learning in practical workshop for FYBSc Zoology]	University	SG Patil ASC College, Sakri, Dist. Dhule	21 July, 2012
48	Symposium - [Ganghi thought: The only solution for corruption and terrorism]	National	PSGVPM Arts, Science And Commerce College Shahada	23-24 Dec, 2011
49	Conference - [Bio-inoculants for sustainable agriculture (BSA-2010)]	National	PSGVPM Arts, Science and Commerce College Shahada	16 Feb, 2010
50	Workshop - [Practical workshop for MSc I (Sem I and II) Zoology]	University	MJ College, Jalgaon	4 Dec, 2010
51	Workshop - [Practical workshop for TYBSc zoology]	University	SG Patil ASC College, Sakri, Dist. Dhule	23 Dec, 2009
52	Conference - [International congress on Bio-immunoregulatory mechanisms associated with reproductive organs:]	International	National Institute of Immunology, New Delhi	9-13, Feb, 2009
53	Conference - [International conference on germ cell development-function and 19th Annual meeting of ISSRF]	International	IISc, Bangalore	22-24, Jan, 2009

54	Scientific meet on “Current trends in proteomics and brain storming discussion on plasma proteomics”	International	Centre for Cellular and Molecular Biology, Hyderabad.	Feb, 17-18, 2008
55	National conference on recent advances in reproductive health	National	Department of Zoology, University of Rajasthan, Jaipur.	Feb, 6-8, 2003
56	XIX National Symposium of the Society for Reproductive Biology and Comparative Endocrinology & UGC- DSA Conference	National	M.S. University of Baroda, Vadodara, Gujarat	17 th to 19 th Jan, 2001

Teaching Experience

Sr. No.	Name of Employer	Designation	Nature of Post	Duration	Pay Scale	Reason for Leaving
1	PSGVP Mandal's Arts, Science and Commerce College, Shahada	ASSISTANT PROFESSOR	Permanent	24/07/2009 - Till Date	15600-6000-39100	-
2	Dept. of Zoology, RTM Nagpur University, Nagpur	Visiting lecturer to MSc. and M.Phil	Temporary	2006-2007	-	Joined CCMB as RA

Any other information

➤ Membership of Professional Bodies

1. Life member of Society for Reproductive Biology and Comparative Endocrinology (SRBCE), Chennai, India.
2. Life member of Indian Society for the Study of Reproduction and Fertility (ISSRF), Mumbai, India.
3. Life member of Society for environment and sustainable development (SESD), New Delhi, India

Date: June 15, 2022

Place: Shahada

(Dr. Satish S Bhande)