

*** B I O - D A T A ***



1.	NAME	:	Dr. Smt. Desai Mrunal Subhashrao
2.	BIRTH DATE	:	27-03-1981
3.	DESIGNATION	:	Assistant professor
4.	DEPARTMENT	:	Botany
5.	RES. ADDRESS	:	Sai Colony ,Gargoti.Tal.Bhudargad,Dist.Kolhapur
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8. EDUCATIONAL QUALIFICATIONS :

Exam	Board/University	Year of Passing	Percentage	Class Obtained
Ph. D.	Shivaji University,Kolhapur	2012	-	-
B.Ed.	Shivaji University,Kolhapur	2005	62.71%	First class
M. Sc.	Shivaji University,Kolhapur	2004	65.04%	First class
B. Sc.	Shivaji University,Kolhapur	2001	60.36%	First class
H.S.C.	Kolhapur	1998	55.20%	Second class
S.S.C.	Kolhapur	1996	53.20%	Second class
Title of M. Phil Dissertation:				
Title of Ph. D. Thesis: Studies on Management of Panama Wilt of Banana				

9. LIST OF PUBLICATIONS:

Research Publications at International, National journals and Book Chapter:-

01	M. S. Desai, A. A. Jagtap and S. S. Kamble.(2012) ‘Effect of different media on the growth of <i>Fusarium oxysporium</i> f. sp. <i>cubense</i> causing panama wilt of Banana <i>Geobios</i> 39 (1): 55-56. (ISSN No. 0251-1223).
02	A. A. Jagtap, M. S. Desai, K.W. Pawar and S. S. Kamble. (2013) ‘Cultural and Physiological variation between <i>Sclerotium rolfsii</i> and <i>Macrophomina phaseolina</i> .’ <i>Geobios</i> 40(4):193-197. (ISSN No. 0251-1223).
03	A. A. Jagtap, M. S. Desai, S. G. Parte and S. S. Kamble. (2014) ‘Effect of passage on the development of carbendazim resistance in <i>Sclerotium rolfsii</i> causing rhizome rot of turmeric. <i>IJPAE Science</i> . 4(4):253-255. (ISSN No. 2231-4490).
04	A. A. Jagtap, M. S. Desai, S. G. Parte A. K. Mohite, S. B. Nande and S. S. Kamble. (2015) Bioefficacy of Plant extracts for management of rhizome rot of turmeric Proceeding of National Conference, LBS College, Satara. (ISBN No. 978-81-8498-412-6 Pp.284-286).
05	M. S. Desai, A. A. Jagtap and S. S. Kamble. (2015) ‘Survey of fungal diseases of banana in Western Maharashtra and Northern Karnataka <i>Ecology and Fisheries</i> 8 (1): 115-117. (ISSN No.0974-6323).
06	M. S. Desai, A. A. Jagtap and S. S. Kamble. (2015) Efficacy of Benomyl against <i>Fusarium cubense</i> . <i>Flora and Fauna</i> vol.20. (2) Pp 296-297. (ISSN No.0971-6920).
07	A. A. Jagtap, M. S. Desai, S. G. Parte, S. B. Nande, A. U. Rokade, A. K. Mohite and S. S. Kamble (2015) Evaluation of natural plant extracts for combating rhizome rot of turmeric caused by <i>Sclerotium rolfsii</i> <i>Bionanofrontier</i> , vol. 8 (3) Pp 116-118. (ISSN No.0974-0678).
08	M. S. Desai, A. A. Jagtap and S. S. Kamble. (2015) Influence of some growth factors on

	In-Vitro Growth of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> causing Panama Wilt of Banana. ETBAS vol. 1 :84-88 (ISSN No. 978-81-931247-0-3)
09	M. S. Desai (2016) Screening of some plant extract against <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> causing Panama Wilt of Banana. Research frontiers in science (1):209-213 (ISBN: 978-81-931247-1-0)
10	M. S. Desai, A. A. Jagtap and S. S. Kamble.(2018) Biochemical changes in Banana (<i>Musa spp.</i>) Plant infected with benomyl sensitive (FOC - 4) and resistant (EMS- FOC -9) isolates of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> (1)80-82 ISBN: 978-81-931247-7-2
11	M. S. Desai, A. A. Jagtap and S. S. Kamble.(2018) Effect of Carbon and Nitrogen Sources on the Growth of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> causing Panama wilt of banana. ISSN 2278-5655.
12	Desai M. S., Chatage V.S., Jagtap A. A and Kamble S. S (2019) Effect of passage on the development of benomyl resistance in <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> causing panama wilt of banana. Vol. 10, Issue, 09(G), pp. 35036-35038
13	M. S. Desai, C. P. Bhagat , and S. S. Kamble (2020) Effect of different phosphate sources on the growth of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> causing Panama wilt of banana. Our Heritage, ISSN: 0474-9030 Vol-68-Issue-34 pg. 73-77
14	C. P. Bhagat , V. A. Jagtap, M. S. Desai and S. A. Vhanalakar (2021) Comparison of protein content in raw (dry) and sprouted Seeds of selected pulses. Our Heritage, ISSN: 0474-9030 Vol-68-Issue- 34 pg. 43-47
15	M. S. Desai, A. A. Jagtap, C. P. Bhagat and S. S. Kamble (2021) Effect of different sulphate sources on the growth of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> causing Panama wilt of banana. BIOINFOLET. ISSN- 0973-1431 I SSN- 0976-4755 Vol.18 No.1B,pg.204-205

16	A. A. Jagtap, A. B. Mamlayya, V. V. Kamble and M. S. Desai (2021) Effect of sulphate and phosphate sources on growth of <i>Sclerotium rolfsii</i> causing rhizome rot of turmeric. BIOINFOLET 18 (2) : 246 - 247
17	A. A. Jagtap and M. S. Desai (2023) Effect of presowing treatment on seed Germination and seedling growth of a popular Folk medicine <i>Terminalia chebula</i> . Research Trends in Plant Science ISBN: 978-93-88901-68-0,pg 40-41
18	Chandrashekhar R. Patil, S. M. Patil, U. B. Chougale, M. S. Desai, V. A. Jagtap, C. P. Bhagat, P. R. Kharade. Sanchita. M. Dhumal, Shital M. Kamble and D. N. Zambare (2023) Photo degradation of dyes using bio-waste material: A Brief review. Emerging Trends in Basic and Applied Sciences ,Volume II,ISBN: 978-93-88901-24-6,pg.25-27
19	M. S. Desai and A. A. Jagtap (2023) In vitro antifungal activity of <i>Parthenium hysterophorus</i> against <i>Fusarium oxysporum</i> f. Sp. <i>Cubense</i> causing panama wilt of banana. Research Trends in Microbiology ISBN: 978-93-88901-69-7 pg. 29-31
20	S. S .Kambale, M. S. Desai and A. A. Jagtap (2024) Survey on <i>Fusarium</i> root Rot of pea from Satara District ISSN:0972-8945, Vol-22, issue -1, pg. 258-260
21	C. P. Bhagat, V. A. Jagtap and M. S. Desai (2024) Rainwater harvesting in india: a journey from tradition to modernity. Sustainable Water Management ISBN: 978-93-95847-75-9,pg.98-105
22.	S.D. Sorate, S.S. Kamble, M.S. Desai, A.A. Jagtap (2024) Survey of Charcoal Rot Disease of Strawberry in Maharashtra. Agricultural Science Digest ISSN 0976-0547,pg. D-6247 -1-5
23.	A. A. Jagtap, C. P. Bhagat and M. S. Desai (2025) Synergistic effect of different micronutrients on the growth of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> causing Panama Wilt of Banana The Bioscan ISSN: 0973-7049(P) pg7-9

24	A. A. Jagtap, C. P. Bhagat and M. S. Desai (2025) Effect of Different salts on the growth of of Fusarium oxysporum f.sp. cubense causing Panama Wilt of Banana. Amigo International Publishing,ISBN:978-983860-5-2,P.p.37-40
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10. BOOKS EDITED:

Sr. No.	Name of the Book	Editors	Publishing Agency	Edition Year	ISBN Number
01	Emerging Trends in Basic and Applied Sciences Volume II	Dr. Sagar A. Vhanalakar Dr. Sharadrao A. Vanalakar Mr. Chetan P. Bhagat	Bhumi Publishing	2023	978-93-88901-24-6

11. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES/WORKSHOPS:

Sr. No	Name of Conference	Level of Conference	Year	Organizer	Date
1.	Integrated Pest Management and Bioremediation	National Conference	2012	Lal Bahadur Shastri Mahavidyalaya, Satara.	13 th & 14 th Aug.
2.	Changing Phases in Women Empowerment	National	2014	Shree Vijaysinha Yadav, Arts & Science College, Pethvadgaon, Tal- Hatkanagale.	13 th -14 th Oct.
3	Life Sciences	National	2014	Dahiwadi College, Dahiwadi.	12 th -13 th Sept.
4	Environmental Biotechnology	National	2014	LBS College, Satara.	29-30 Dec.
5	Biodiversity and its	National	2015	Karmveer Mamasahab	30-31

	Conservation in India.			Jagdale Mahavidyalay, Washi, Usmanabad	Jan
6	Emerging trends and classical in life sciences,	National	2017	Yashwantrao Chavan Warana Mahavidyalay, Warananagar	28th Jan.
7	Materials and Environmental Science.	National	2017	Shri Yshvantrao Patil Science ,College,Solankur	15th Feb.
8	“Emerging trends in Basic and Applied Sciences”,	International Conference	2015	K.H.College,Gargoti	5 th Mar.
9	Biodiversity and Sustainability: Present problems and future prospects a national level silver jubilee symposium,	National Symposia	2012	Department of applied botany, Kuvempu University, Shimoga, Karnataka.	5 th and 6 th Mar.
10	Symposium on “Blending conventional and Plant Pathology for Sustainable Agriculture”	National Symposia	2012	Indian Institute of Horticultural research, Bangalore.	4th-6th, Dec.
11	Seminar on “Recent Advances in Agricultural Botany”	National Seminar	2012	Denchand College, Arjun Nagar, Tal-Kagal, Dist:-Kolhapur	27 th -28 th Sept.

12	Recent Advances in Agrochemicals	National Workshop	2012	Department of Agrochemicals and Pest Management, Shivaji University, Kolhapur	28 th Feb.
13	Teacher's workshop on B.Sc. II revised syllabus change	University	2014	Krishna Mahavidyalay, Rethare Bk.	27 Dec.
14	Interdisciplinary Approaches in Life Sciences",.	State level	2016	Maharaja Jivajirao Shinde Mahavidyalay, Shrigonda, Dist. Ahmadnagr	12 th and 13 th Feb.
15	Biofertilizers and Modern Agricultural Trends.	University	2017	" Shri Yshvantrao Patil Science ,College, Solankur	4 th Oct.
16	National conference on Multidisciplinary approaches in life sciences	National	2018	Yashawantrao Chavan Institute of Science , Satara.	5 th and 6 th Jan. 2018
17	National Conference on Innovative Research in Physical, Chemical & Life Sciences"	National	2018	M.H. Shinde Mahavidyalaya, Tisangi	24 feb 2018
18	Multidisciplinary Approaches in Life Science.	National	2018	Y. C. I. S. Satara	2018
19	Biodiversity and its conse	College Level	2018	Bhogawati Mahavidyalay Kurukali, Dist - Kolhapur	2018
20	Recent challenges and opportunities in	National	2018	Dept. of Mycology and Plant pathology	2018

	sustainable plants			BHU, Varanasi	
21	Biodiversity and its Conservation	National	2020	Raje Ramrao Mahavidyalay Jath	22 May 2020
22	NAACS new Framework	National	2020	Y. C.S. S. ,Satara	8 th July 2020
23	Plant Diversity and its Conservation	National	2021	D.P. Mahavidyalay Karjat	1 st March 2021
24	Mazi Vasundhara	State	2021	Maharashtra state	8 Jan 2021
25	Emerging trends on Plant Sciences, Biodiversity Conservation and Environment Sustainability	International	2022	D. P. Bhosale College, Koregaon (District-Satara)	9 th and 10 th Nov.2022
26	“Sustainable agriculture”	National	2024	Department of agrochemicals and pest management, Devchand College, Arjunnagar	28th September, 2024
27	Bridging Gaps: Collaboration in Innovation in Sciences, B Humanities	International	2025	Padmashri Dr. G. G. Jadhav Mahavidyalay ,Gaganbawada	5 th Oct. 2024
28	Advancement and Emerging trends in science (ICAETS-2025)	International	2025	Dahiwadi College, Dahiwadi Tal-Man, Dist - Satara,	8-10 Jan 2025
29	Advances in Plant Sciences, Climate change Biodiversity Conservation	National	2025	Raja Shriptrao. Bhagvantrao Mahavidyalay,Aundh (Satara)	28 Feb.2025

12. INVITED LECTURES / TALKS ETC:

01	A guest lecture on “Women’s Harassment and Role of Parents” organized by Castle view Academy Gargoti.(16th Feb. 2013)
02	Invited as a recourse person for one day Workshop on Botany, Organized by Sadashivrao Mandalik Mahavidyalay , Murgud.(1st April 2015)
03	Invited Talk on Conservation of Natural Recourses at One day National workshop on Sericulture and Apiculture organized by Shikshan Maharshi Dnyandeo Mohekar Mahavidyalay,Kalamb Dist. Osmanabad (2019)
04	Invited talk on Health and Educational Difficulties occurs in girls during teenage at New English School Pal , Tal. Bhudargad (28 th Dec.2024)
05	Resource Person on the topic of “Effect of Mobile and Social Media occurs in primary school” at Vidya Mandir Akurde , Tal. Bhudargad,(1 st Jan 2025)

Signature