

FACULTY PROFILE

1. Name: Dr. Swapnaja Mukund Deshpande
2. Designation: Assistant Professor
3. Department: Department of Botany
4. Address: Survey No. 378/9/2, Plot no. 14,
Shiv Parvati Nagar, Ambedare Road,
Shahupuri, Satara
5. Date of Birth: 14/06/1985
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8. Qualification: M. Sc. Ph. D.

Sr. No.	Exam/ Degree	Board / University	Subjects / Topics	Year of Passing
1.	Ph. D	Shivaji University, Kolhapur	Botany	2015
2.	NET/SET	Nil	Nil	Nil
3.	M. Sc.	Shivaji University, Kolhapur	Botany	2007
4.	B. Sc.	Shivaji University, Kolhapur	Botany	2005
5.	HSC	Pune Board, Pune	Biology, Physics, Chemistry	2002
6.	SSC	Pune Board, Pune	All Compulsory	2000

9. Teaching Experience:

Sr. No.	Institution	Duration	Classes Taught	Total Years
1.	Atpadi Education Society's Atpadi College, Atpadi	2008-2009	UG	01
2.	Rayat Shikshan Sanstha's R. C. Shahu College, Kolhapur	2012-2014	UG	02
3.	Rayat Shikshan Sanstha's Y. C. Institute of Science, Satara	2017-2020	UG & PG	03
4.	Rayat Shikshan Sanstha's Y. C. Institute of Science, Satara	2020-2021	UG	01
5.	Rayat Shikshan Sanstha's D. P. Bhosale College, Koregaon	2021- till date	UG	7 months

10. Research Experience: 12 years

11. Research Guidance: Nil

(UG & PG Students Guided): 14

Sr. No.	Title of the Project	University / Institute	Name of students awarded	No. of student working
1.	Phytochemical evaluation of <i>Erinocarpus nimmonii</i> Grah. (Tiliaceae): a monotypic Endemic genus from Western Ghats	Y. C. Institute of Science, Satara	Otari P. S., Jadhav A. A.	02
2.	Phytochemical investigation of <i>Dolichandrone falcata</i> : a rare medicinal plant	Y. C. Institute of Science, Satara	Aiwale V.S, Patil D. R	02
3.	Investigation of antioxidant activity and total phenolic content in Red Raspberry	Y. C. Institute of Science, Satara	Mahadik R. J., Shinde R. L.,	02
4.	Phytochemical analysis and antioxidant activity of <i>Fragaria ananassa</i> Duch.	Y. C. Institute of Science, Satara	Khade V.M., Asabe K.D.,	02
5.	Antioxidant activity and Phytochemical investigation in <i>Ziziphus mauritiana</i> : An underutilized wild food resource	Y. C. Institute of Science, Satara	Pawar M.A., Panari P.M.,	02
6.	Preliminary survey of Medicinal plants at Medha and adjoining region	A. S. S. M., Medha	Dhanawade D. K., Aglave A. V., Deshmukh C. R. and Pawar N. S.	04

12. Research Projects:

Sr. No.	Title	Govt. & Non-Govt. Funding Agency	Duration	Grant Received
1.	Study of Floral Diversity of Sacred groves of Satara District	RAC, YCIS, Satara	01 year	20,000/-
2.	Flora of Satara District	Department of Forests, Satara Division	03 years	13.50 lakhs
3.	Floristic Account of Meruling Hill With Special Emphasis On Endemic And Wild Plants Of	D. P. Bhosale College, Koregaon	01 year	90, 000/-

	Ornamental Potential			
4.	Documentation and digitization of Ethno Medico - botanical data from Satara District, (MS) India	Shivaji University, Kolhapur	02 years	3,00,000/- (submitted)

13. Patents:

Sr. No.	Name of the Inventor	Title of Invention with application no.	Date of Filing	Date of Publications	Status
1.	S. M. Deshpande, N. N. Bendre, P. A. Pawar, V. Y. Deshpande	POLYHERBAL COMPOSITION	Date of Filing (29.5.2021)	-	Filed

14. Research Publication: (Research papers published in the Journals notified on UGC website):

International

Sr. No	Title of paper	Name of the authors	Name of Journal	Year of publication	ISSN number	Whether Indexed/ peer reviewed?	Impact factor if any.	Link to the recognition in UGC enlistment of the Journal
1.	Karyomorphological Analysis of <i>Arisaema sahyadricum</i> (Section: Tortuosa): an Endemic Aroid from Western Ghats of India.	K. V. C. Gosavi, S. M. Deshpande and S. R. Yadav	Aroideana	2012	0197-4033	Peer Reviewed		
2.	Karyomorphology of two species of the genus <i>Tricholepis</i>	S. M. Deshpande , K. V. C. Gosavi and S.	Cytologia	2014	-	Peer Reviewed	0.913	

	endemic to India.	R. Yadav.						
3.	Exploration and documentation of wild food plants from Satara district, Maharashtra (India).	S. M. Deshpande* , U. S. Pawar and R. R. Kumbhar.	International Journal of Food Science and Nutrition.	2019	2455-4898	Index Copernicus, Google Scholar		
4.	Reinstatement of <i>Pimpinella katrajensis</i> R. S. Rao & Hemadri (Apiaceae), an endemic species to Maharashtra with notes on its taxonomy and distribution.	S. M. Deshpande* , S. D. Kulkarni, R.B. More & K.V.C. Gosavi	Journal of Threatened Taxa	2020	0974-7907	UGC, Peer Reviewed	0.50	
5.	Assessment of halophyte species diversity at different coastal habitats along the southwest part of Gujarat Coast, India.	U. S. Pawar, S. D. Talekar, S. M. Deshpande- , N. A. Gohel and A. J. Joshi.	International Journal of Recent Scientific Research.	2020	2250-3153	Peer Reviewed		
6.	Floristic study of Kalbhairavnath sacred grove, Bharsakale, Satara, Maharashtra.	S. M. Deshpande* , U. S. Pawar, S. H. Bhoite and J. J. Chavan	Species	2019	2319-5754	Peer reviewed		
7.	Lectotypification of <i>Moringa</i>	S. M. Deshpande,	Rheedeia	2014	0971-2313	UGC, WoS,		

	<i>concanensis</i> (Moringaceae)	A. R. Gholave, S. S. Kamble, S. R. Yadav				Scopus		
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National:

Sr. No	Title of paper	Name of the authors	Name of Journal	Year of publication	ISSN number	Whether Indexed/ peer reviewed?	Impact factor if any.	Link to the recognition in UGC enlistment of the Journal
1.	Nursery techniques of some rare tree taxa of Northern Western Ghats.	S. M. Deshpande* and S. R. Yadav	Indian Forester	2020	0019-4816	UGC, Peer Reviewed	0.66	
2.	Assessment of floral diversity around a historical lake Swatantrapur, Sangli (Maharashtra, India).	D. N. Lohar, P. M. Hasabe, P. E. Jadhav, J. J. Chavan and S. M. Deshpande*	Indian Journal of Plant Sciences.	2020		Peer Reviewed		
3.	Role of Botanical Gardens in conservation of rare plants: A case study of Lead Botanic Gardens of Shivaji University.	S. M. Deshpande* and S. R. Yadav.	Indian Forester	2017	0019-4816	UGC, Peer Reviewed	0.66	
4.	Identification of winged fruits of some woody species from	S. M. Deshpande* and S. R. Yadav	Indian Journal of Plant Sciences	2017	2319-3824			

Northern Western Ghats.							
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15. Research Citations:

Sr. No.	Source	Citation	H- Index	i-10 Index
1	Scopus			
2	Publons/ Web of Science			
3	Google Scholar	07	02	Nil
4	Research Gate	06	02	Nil
5	ORCID	https://orcid.org/0000-0002-4763-4399		
6	Vidwan			
7	LinkedIn			

16. Books, Book chapters and papers published in conference proceedings :

International Conferences proceedings /webinar/ Workshops/ Seminars (Before 2017 & After 2017)								
Sr. No	Title of the book	Title of the paper	Title of the proceedings /Poster/ Oral Presentation	Name of the conference	Year of publication	ISBN/ ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1.	Biodiversity of Kas	-	-	-	2019	-	Y. C. I. S. Satara	Forest Division, Satara and Kas Executive Committee
2.	Lead Botanical Garden: Enumeration of Plant Wealth	-	-	-	2016	-	Shivaji University Kolhapur	Shivaji University Press

National Conferences proceedings /webinar / Workshops/ Seminars (Before 2017 & After 2017)

Sr. No	Title of the book/ chapters published	Title of the paper	Title of the proceedings /Poster/ Oral Presentation	Name of the conference	Year of publication	ISBN/ ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
	-	-	-	-	-	-	-	-

17. Participation in International / National conferences, Webinar, Seminars, Workshops:

Sr. No.	Name of conference/ Webinar, Seminars and Workshop	International/National / State/University	Date	Place
1.	Active participation in JAL – JEEVAN AMRUT programme organized by Ministry of Environment & Forests, Govt. Of India and BAIF.	State	26/07/2004	Atpadi College, Atpadi Dist.- Sangli
2.	XVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on “Changing Scenario in Angiosperm Systematics” .	International	19-21/11/2007	Shivaji University, Kolhapur
3.	Five days training on “Protocols & Methodologies for Weed Survey and Surveillance” under “National Invasive Weed Surveillance Programme”	National	28 th July to 1 st August 2008	National Research Centre for Weed Science, Maharajpur, Jabalpur (M. P.).
4.	Participation in National workshop on “Ex – situ plant conservation in Maharashtra” .	National	25/08/2009	Shivaji University, Kolhapur
5.	XIX Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Angiosperm Systematics & Phylogeny; Retrospect &	International	12 th to 14 th Nov. 2009	National Botanical Research Institute, Lucknow, India (CSIR)

	Prospects			
6.	Participation in the National conference on “ Biodiversity conservation in India: Status and Approaches ”.	National	8 th to 10 th January, 2010	Indian Women Scientists Association & Gopal Krishna Gokhale College, Kolhapur.
7.	Participation in National Conference on “ Plant Biodiversity ”.	National	23 rd to 25 th April 2010	Department of Botany, Y. C. Institute of Science, Satara (Maharashtra).
8.	Participation in XXI Annual Conference of Indian Association for Angiosperm Taxonomy & National Seminar on “ Biodiversity Conservation and Climate Change. ”	National	2 nd to 4 th December 2011	Environment & Sustainability Department Institute of Minerals and Materials Technology Council of Scientific & Industrial Research, Bhubaneswar, Odisha, India.
9.	Participation in one day workshop on “ Research writing, Ethics, Plagiarism and Publishability ”	University	28 th March 2012	The New College, Kolhapur
10.	Participation in the workshop on “ Tools and techniques in Molecular Systematics/ Phylogenetics. ”	University	10 th November 2012	Department of Botany, Shivaji University, Kolhapur
11.	Participation in One Day Seminar on “ Plant Diversity Conservation ”	State	25 th June, 2013	Department of Botany, Shivaji University, Kolhapur
12.	Participation in UGC sponsored National Conference on “ Recent Trends in Plant Sciences, its Future Prospects and Biodiversity Conservation ”.	National	29 th – 30 th Nov. 2013	Department of Botany, Y. C. College of Science, Karad
13.	Participation in XII Conference of Society of Cytologists and Geneticists	National	22 nd – 24 th Dec. 2014	Department of Botany, Shivaji University, Kolhapur

	and National Symposium on Challenges for Biologists in 21st Century			
14.	Participation in One Day National Seminar on “Biodiversity and Climate change” .	National	31 st January, 2015	Department of Botany, Shivaji University, Kolhapur
15.	Participation in National Conference on Mangroves of Konkan Coast	National	2-3 Feb. 2015	R. P. Gogate College of Arts and Science and R. V. Jogalekar College of Commerce Ratnagiri
16.	Participation in Workshop on “Technical Writing in Plant Taxonomy” .	National	26 th – 28 th Feb. 2015	Department of Botany, Goa University, Goa and Indian Association for Angiosperm Taxonomy
17.	Participation in One Day National Conference on “Recent Trends in Botany”	National	30 th December 2017	Department of Botany, Janata Shikshan Sanstha’s Kisan Veer Mahavidyalaya, Wai
18.	National conference on “Multidisciplinary Approaches in Life Sciences: Research Application for Sustainable Development (NCMALS 2018)”	National	5 th & 6 th January 2018	Department of Botany, Biotechnology & IQAC. Y. C. Institute of Science, Satara (Maharashtra).
19.	Participation in International Conference on “Recent advances in Renewable Energy and Hygiene Devices (RAREHD- 2018)”	International	5 th & 6 th March 2018	Y. C. Institute of Science, Satara (Maharashtra).
20.	One day workshop on “Innovative Research and Patenting Methodology”	National	10 th Feb. 2018	Y. C. Institute of Science, Satara (Maharashtra). Internal Quality Assurance Cell
21.	“Hands on Training in Plant Taxonomy” under Faculty Development Programme	State	29 th December 2018	Y. C. Institute of Science, Satara (Maharashtra) and Naoroji Godrej Centre Plant Research

22.	International conference on “Chemistry, Environment and Energy (ICCEE- 2019)”	International	16 th to 18 th February 2019.	Y. C. Institute of Science, Satara (Maharashtra). And Chha. Shivaji College, Satara
23.	National Conference on “Conservation and Biodiversity Banking”	National	17 th January 2020	Arts Science and Commerce College – Ramanandnagar (Burli), Sangli
24.	A Webinar on “Costa Rica: A Biodiversity Hotspot”	International	25 th May 2020	R. D. & S. H. National College and S. W. A. Science, College, Mumbai
25.	National Webinar on “Biodiversity and Man”	National	5 th June 2020	Dayal Singh College, University of Delhi,
26.	National e-Seminar on “Biodiversity of India: An Overview”	National	20 th July 2020	D. P. Bhosale College, Koregaon
27.	Webinar on “Biodiversity and Public Health”	National	19 th May 2020	ECO Club, Shivaji College, University of Delhi in Collaboration with SERNRM
28.	National Faculty Orientation Workshop on “Revised Guidelines of NAAC”	National	27 th April – 2 nd May 2020	Y. C. Institute of Science, Satara
29.	Webinar on “Intellectual Property Rights”	National	14 th May 2020	SECAB Institute of Engineering and Technology, Karnataka (Approved by AICTE, New Delhi),
30.	National Multilingual Conference on “Problems and Opportunities in Agriculture: In and after Covid -19”	National	25 th June 2020	Jaysingpur College, Jaysingpur,
31.	Online International	International	24 th April,	Shri Pancham Khemraj

	Conference on “Climate Change, Mangroves and Sustainable Management”		2020 (Poster presentation)	Mahavidyalaya, Sawantwadi, MSI & Sahyadri Botanical Club, Kolhapur
32.	Webinar on “New Opportunities in Medicinal Plants Sector for Farmers and Entrepreneurs”	National	24 th May 2020	Man Sarovar Global University, Sehore
33.	Webinar on “Molecular Taxonomy and DNA Barcoding: Concepts, Method and Applications”	National	20 th May 2020	R. D. & S. H. National College and S. W. A. Science, College, Mumbai
34.	National Online Workshop on “Research Ethics and Plagiarism Control”	National	15 th May 2020	ALCCE, SJS College of BMS, DLLE, University of Mumbai
35.	Webinar on “Mangroves and Mangrove Associates-Great Strugglers in Nature”	National	22 nd May 2020	K J Somaiya College of Science and Commerce,
36.	National Webinar on “Biodiversity Informatics and Documentation through citizen Science on the India Biodiversity Portal”	National	22 nd May 2020	St. Xavier’s College for Women, Aluva,
37.	Webinar on “Rayat Innovation Challenge”	National	20 -25 th May 2020	Y. C. Institute of Science, Satara,
38.	Faculty Development Program on “Academic and Professional Development”	State	19 -24 th Oct. 2020	Y. C. Institute of Science, Satara,
39.	State Level Online Workshop on “e-Content Development and e- Assessment”	State		SNDT Women’s University Mumbai
40.	Legal Awareness Program on “Women and Indian Constitution”	State	11 th January 2020	Ismail Saheb Mulla Law College, Satara
41.	One Day Workshop on “Intellectual Property Rights”	National	14 th March 2020	Y. C. I. S. CIII,

	for Academy and Industry for Technology Collaboration and Transfer			
42.	One Day State Level Workshop on “NET /SET Exam and Career Guidance”	State	16 th March 2019	Y. C. Institute of Science, Satara
43.	Faculty Development Program on “Recent Advances in UG Program”	State	11-17 June 2019	Y. C. Institute of Science, Satara
44.	Webinar on “How to Read Scientific Literature?”	National		MANAV Human Atlas Initiative
45.	One Day Online Workshop on “A Qualitative Research Approach”	State	22 nd May 2021	Y. C. Institute of Science, Satara
46.	One Day Online Workshop On “Blooms Taxonomy”	State	19 th May 2021	Y. C. Institute of Science, Satara
47.	One Day Online Workshop On “Strengthening Extension Training”	State	7 th May 2021	Y. C. Institute of Science, Satara
48.	One Day Online Workshop On “Infrastructure Quality Measures”	State	28 th May 2021	Y. C. Institute of Science, Satara
49.	One Day State Level Workshop On “Understanding NAAC Manual”	State	2 nd June 2021	Y. C. Institute of Science, Satara
50.	Two Days Workshop On “Project Design Develop Demonstrate Patent Prototype Presentation Publication (PD3P4)”	State	19-20 April 2021	Y. C. Institute of Science, Satara
51.	One Day Webinar under Lead College Activity on “Plant Intelligence”	University	20 th January 2022	Sharadchandra Mahavidyalaya, Lonand
52.	National Webinar On “Libraries role in NAAC”	National	21 st January	D. P. Bhosale College, Koregaon

	process”		2022	
53.	Two Days National Workshop on “Plant Identification and Herbarium Methodology	National	29 th Oct – 1 Nov. 2021	Botanical Survey of India, Central National Herbarium, Howarah in association Bareilly College, Bareilly UP

18. Resource Person/Chairperson in National/International/Sate/University Level conferences, Webinars, Seminars, Workshops:

Sr. No.	Name of conference, Webinar, Seminars and Workshop	Role Resource Person/ Chairperson	Level International/ National/ State/ University	Date	Place
1.	Rayat Inspire Research Project Program	Resource Person	University	7 th July 2021	Y. C. I. S. Satara
2.	Wild Vegetables Exhibition	Resource Person	University	28 th July 2020	A. S. S. M. Medha
3.	Online Wild Vegetable Exhibition	Resource Person	University	16 th Oct. 2021	A. S. S. M. Medha
4.	Environmental Education Program	Resource Person	District	25 th May 2019	Consortium of Nature Conservators Society (CONAC)

19. Awards / Fellowship:

Sr. No.	Level (International, National, State, University, Other)	Awards /Fellowship	Awarding Agency / Institute	Year / Duration
1.	National	Senior Surveillance Inspector (SSI)- Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli	All India Coordinated Research Project on Weed Control (AICRP-WC)- National Invasive Weed Surveillance Program (NIWSP)-	01 yr.

			ICAR, New Delhi	
2.	National	Junior Research Fellow (JRF) - Department of Botany, Shivaji University, Kolhapur	Ministry of Environment Forests and Climate Change	04 yrs
3.	College	Best Reader Award	Yashavantrao Chavan Institute of Science, Satara	-
4.	College	Best Teacher Award	Inner Wheel Club Koregaon	-

20. Participation in Academic Events: Orientation /Refresher Courses/FDP/MOOCs/Swayam courses etc.

Sr. No.	Organizing Institute	Event	Duration	Year	Grade Achieved
1.	TLC, Ramanujan College, University of Delhi Under MHRD, PMMMMNMTT	Faculty Development Program On Research Methodology	2 Weeks	2020	A+
2.	TLC, Ramanujan College, University of Delhi Under MHRD, PMMMMNMTT	Faculty Orientation / Induction Program for Faculty in University/ Colleges/ Higher Education Institutes	4 Weeks	2021	A
3.	TLC, Ramanujan College, in collaboration with Miranda House, University of Delhi Under MHRD, PMMMMNMTT	Refresher Course in Life Sciences	2 Weeks	2021	A+
4.	Rani Channama University, Belgavi Govt. First Grade	One Week Online Multidisciplinary Faculty Development	1 week	2020	'A' grade

	College, Hungund	Program on MOOC's, e- content development and OER			
5.	Swayam NPTEL, Human Resource Development	NPTEL Online Course on “Patent Writing for Beginners”	4 Weeks	2021	Successfully Completed

21. Organizational Experience:

Sr. No.	Event/program	Title	Level	Role	Date
1	Workshop	Hands On Training in Plant Taxonomy	University	Organizing Secretary	29 th Dec. 2018
2	Seminar	-			
3	Conference	-			
4	Avishkar	-			
5	Webinar	-			
6	Other	-			

22. Any other information

1. Member of Board of Studies in Botany, Y. C. Institute of Science, Satara
2. Examiner for Rayat Idea Presentation Workshop 2020 at Y. C. Institute of Science, Satara
3. Plant Identification expert at Savitribai Phule Mahila Mahavidyalaya, Satara
4. Biodiversity Expert at Sahyadri Tiger Reserve, Bamnoli, Wildlife Bamnoli
5. Participation in Kas Swachhta Abhiyan
6. Plant Identification Expert at Kuraneshwar Trust Satara
7. Member of DRONGO
8. Examiner for Bio-resonance Activity, Dept. of Biotechnology, Y. C. I. S. Satara
9. Examiner for Dolphin group, Dept. of Microbiology, Y. C. I. S. Satara
10. Organizing Committee Member for Clay Modelling Event, Karmveer Jayanti 2019, Y. C. I. S. Satara
11. External Examiner for B. Sc. II Practical Examination of Shivaji University, Kolhapur at Kisan Veer Mahavidyalaya, Wai
12. Paper setter, Junior Supervisor for various exams of UG and PG
13. MS- CIT, Maharashtra State Board of Technical Education, Mumbai
14. Guest lecture on various topics in Botany to UG students