



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara (Autonomous)
Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ **General information**

Name : Dr. Ashwini Venkatrao Mohite
Designation : Assistant Professor
Department : Botany
Educational Qualification : M. Sc., Ph. D.
Date of Appointment : 17/12/2022
Teaching Experience : UG: 3 years
PG: 6 years
Research Experience : 10 years
Research Area : Plant Breeding, Molecular, Phytochemical, Tissue culture
E-mail : ashwinisu10@gmail.com



❖ **Educational Qualification Details (undergraduate onwards)**

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	Department of Botany, Shivaji University, Kolhapur	Ph.D.	Botany	2021	-----
2	Department of Botany, Shivaji University, Kolhapur.	M. Sc.	Botany	2013	63.00 %
3	Ajara Mahavidyalaya Ajara.	B. Sc.	Botany	2011	61.20 %

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
1	Member	Staff Academy Committee YCIS, Satara	August 2022
2	Member	YC Times YCIS, Satara	August 2022

❖ **Awards/Honors/Recognitions/Scholarship etc.:**

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	Junior Research Fellow	Department of Environmental Science, Shivaji University, Kolhapur. (DAE-BRNS)	2014-17

❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1	Life Member	Society of Cytologists and Geneticists (India).	December 2014

❖ **Details of Research Publications**

A) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1	Phytochemical and Nutritional Studies in the Genus <i>Abelmoschus</i> Medik. (Book Name: Bioactive Compounds).	Intech Open.	2020 Chapter No.- 3	978-1-83880-888-4	Reference

B) Research papers:

Sr. No	Title of paper	Journal/proceeding details (Name, volume, page no, year of publication etc.)	ISSN No	Listed in Scopus/Web of Science/UGC Care	Impact factor (If any)
1	Plant regeneration through direct and indirect organogenesis, phyto-molecular profiles, antioxidant properties and swertiamarin production in elicited cell suspension cultures of <i>Swertia minor</i> (Griseb.) Knobl.	Plant Cell, Tissue and Organ Culture. 144 (2): 383-396; 2021	0167-6857	Scopus	2.859
2	Induced mutation using Gamma rays in Okra (<i>Abelmoschus esculentus</i> (L.) Moench.).	Journal of Applied Horticulture. 21(3): 205-208; 2019	0972-1045	Scopus	-----
3	Nutraceutical and antioxidant evaluation of <i>Abelmoschus</i> taxa.	International Journal of Vegetable Science.	Print ISSN: 1931-5260 Online ISSN:	Scopus	-----

		25(6): 1-9; 2019	1931-5279		
4	Bioprospecting of <i>Thuja orientalis</i> L.	Electronic International Interdisciplinary Research Journal Volume VII, Special Issue XIII. 2018.	2277-8721	UGC Care	-----

C) Paper Presentation in Conference /Seminar/ Symposia:

Sr. No	Title of paper	Name of the Conference /Seminar/ Symposia Details (Title, Date, Page No etc.)	Level (Intl/Natl/State /Uni etc.)	Organizing institute
1	Total Phenolic and flavonoid content and antioxidant activity in two species and one forma of <i>Abelmoschus Medik.</i>	Conference of Society of Cytologists and Geneticists and National Symposium on Challenges for Biologists in 21 st Century. 22 nd - 24 th December 2014	National	Department of Botany, Shivaji University, Kolhapur.
2	Baseline vegetation survey around proposed nuclear power plant site at Jaitapur, Maharashtra.	Conference on Mangrove and Coastal resources. 12 th April 2019	National	Department of Botany, Shivaji University, Kolhapur.
3	GC-MS screening of bioactive components from <i>Abelmoschus</i> taxa.	Conference on Emerging trends on plant sciences, biodiversity conservation and environment sustainability. 9 th and 10 th November 2022	International	Department of Botany, D. P. Bhosale College, Koregoan (Satara).
4	Genetic diversity of <i>Abelmoschus</i> species through ISSR markers.	Conference on Recent advances in biological sciences and biodiversity conservation. 28 th December 2022	National	Department of Botany, Shree Shivaji Mahavidyalaya, Barshi. December 2022
5	Studies in section <i>Furcaria</i> of	Conference on Biodiversity and biosciences.	National	Department of Botany, Zoology

<i>Hibiscus</i> L. (Malvaceae) from Peninsular India	29 th December 2022	and Microbiology, Balwant College, Vita.
--	--------------------------------	---

D) Citation Index

	Google Scholar	Scopus	Web of Science
Citations	19	12	-----
h-index	02	01	-----
i10-index	01	-----	-----

❖ Participation in Orientation/Refresher/FDP/Short Term/Training Programs:

Sr. No.	Name of the programme	Organizing institute	Date
1	Advanced Concepts of Outcomes-based Education	YCIS, Satara	25 th March 2022

❖ Participation in Conference/Seminar/Symposia/Workshop/Any other programs:

Sr. No.	Name of the event	Organizing institute	Level (Intl/Natl/State/Uni/Local etc.)	Date
1	Seminar on Medicinal Plants: Status and Future	Department of Botany, Shivaji University, Kolhapur.	National	6-7 th November 2012.
2	Seminar on Plant Diversity Conservation	Department of Botany, Shivaji University, Kolhapur	University	25 th June 2013
3	Workshop on “DNA barcoding technology for species identification and improvement”	Department of Biotechnology, Shivaji University, Kolhapur.	University	11-13 th February 2014.
4	Seminar on Biodiversity and Climate Change	Department of Botany, Shivaji University, Kolhapur	University	31 st January 2015
5	Seminar on Biodiversity Conservation and Bioprospecting	Department of Botany, Shivaji University, Kolhapur	University	24 th March 2015
6	Seminar on Loksahbhagatun Vrukshvalli Sanvardhan	Department of Botany, Shivaji University, Kolhapur	University	14 th March 2016

7	GIAN Program on Evolutionary Morphology of Land Plants	Department of Botany, Shivaji University, Kolhapur	University	18-25 th August 2016
8	Annual Conference of IAAT and International Seminar on Conservation and Sustainable utilization of Biodiversity,	Department of Botany, Shivaji University, Kolhapur	International	7-9 th November 2016
9	Workshop on Regional Medicinal Plants, their Conservation and Sustainable Use	Department of Botany, Shivaji University, Kolhapur	University	18 th March 2017
10	workshop on "Carbon credits and water management	Department of Environment Science, Shivaji University, Kolhapur and Farmers organization Government of Maharashtra	State	2 nd August 2019

❖ **Resource person in Conference/Seminar/Workshop/Any other programs:**

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
1	Value added Course	University	Department of Botany, Shivaji University, Kolhapur	4-10 th July 2018

❖ **Chaired Sessions/ Examiner in Conference/Seminar/Workshop etc.:**

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
1	National conference on Biodiversity and biosciences	National	Department of Botany, Zoology and Microbiology, Balwant College, Vita.	29 th December, 2022

Signature of Faculty