



**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. Shital Valmiki Deshmukh
Designation : Assistant Professor (CHB)
Department : Botany
Educational Qualification : M. Sc., B. Ed., Ph. D.
Date of Appointment : 18/07/2011
Teaching Experience : UG: 7 years
PG: 3 years
Jr.: 1 year
Research Experience : 10 years
Research Area : Biochemistry and Cytology



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

Sr. No.	College/University	Degree	Subjects	Year	Class/Percentage
1	Shivaji University Kolhapur	Ph. D.	Botany	2022	-
2	Shivaji University Kolhapur	B. Ed.	Science and Maths	2011	65.83%
3	Shivaji University Kolhapur	M. Sc.	Botany	2010	65.66%
4	Shivaji University Kolhapur	B. Sc.	Botany	2008	68.96%

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
1	Science Association Committee- Chairperson	Shri Raosaheb Ramrao Patil Mahavidyalaya, Savlaj.	2011-2015
2	Ladies Hostel Committee-Member	Yashavantrao Chavan Institute of Science, Satara	From June 2022 – till date
3	B. Sc. II Seed Technology- Class Incharge	Yashavantrao Chavan Institute of Science, Satara	2023
4	Departmental Mentor Mentee Committee – B. Sc. II Seed Technology- Member	Yashavantrao Chavan Institute of Science, Satara	2022-23
5	Women Empowerment Committee	Yashavantrao Chavan Institute of Science, Satara	From July 2024-till date
6	M. Sc. II Botany-Class Incharge	Yashavantrao Chavan Institute of Science, Satara	From July 2024-till date

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

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	Research Scholarship – seed money	Yashavantrao Chavan Institute of Science, Satara	05/12/2015
2	Research Scholarship – seed money	Yashavantrao Chavan Institute of Science, Satara	01/12/2016

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

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1	-	-	-

❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Journal/Book/Proceedings	ISSN/ISBN No.	Assignment (Editor/Reviewer)	Publisher	Publication year
1	-	-	-	-	-

❖ **Research Projects (Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/Completed)
Major Research Project					
1	-	-	-	-	-
Minor Research Project					
1	Effect of Mechanical and Chemical Scarification on Seed Germination of <i>Sesbania grandiflora</i> L. Poiret.	Two years	10,000/-	Institutional Seed Money	Completed

❖ **Research Guidance:**

- Number of students (M.Phil) 1) Completed: 2) Registered:
- Number of students (Ph.D.) 1) Completed: 2) Registered:

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/Any other	Granting date
1	-	-	-	-

B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1	-	-	-	-	-

C) Datasets Submission

Sr. No.	Title	Accession No.	Data base	Year of publication
1	-	-	-	-

D) 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	Seed germination and growth performance in <i>Hardwickia binata</i> Roxb.	Flora and Fauna, 25 (2): 228-234. 2019	ISSN: 2456-9364	Web of Science	-
2	Phytochemical studies, FTIR and GC-MS analysis of <i>Hardwickia binata</i> Roxb. (Fabaceae/ caesalpinaceae).	International Journal of Pharmaceutical Science and Research, 11 (1): 233-240. 2020	ISSN: 0975-8232	Scopus & Web of Science	-
3	Quantification of mineral elements in <i>Hardwickia binata</i> Roxb - an endemic plant.	Asian Journal of Pharmaceutical and Clinical Research, 13 (2): 1-3. 2020	ISSN: 2455-3891	UGC Care	-
4	Karyomorphological studies in <i>Hardwickia binata</i> Roxb.	The Journal of Cytology and Genetics 22 (NS): 1-6. 2021	ISSN: 0253-7605	UGC Care	-

E) 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 /Unietc.)	Organizing institute
1	“Surface Rain water Harvesting for Improving Vegetative Cover in Degraded Hillslope Areas of Jaygaon (Tal- Khatav, Dist- Satara, Maharashtra).”	Two Day State Level Seminar on “ Sustainable Development of Rainwater Harvesting potential in Drought Prone Region of Maharashtra, India.” Savlaj, 11 th -12 th February 2014	State	Dept. of Geography, Shri Raosaheb Ramrao Patil Mahavidyalaya, Savlaj.
2	“Seed germination and growth performance in <i>Hardwickia binata</i> Roxb.”	International Conference on “Chemistry, Environment and Energy” (ICCEE-2019) Satara, 16 th -18 th February 2019	International	Yashavantrao Chavan Institute of Science Satara and Chhatrapati Shivaji College, Satara.

3	“Quantitative Analysis Of Phytochemical Constituents In Endemic Plant <i>Hardwickia binata</i> Roxb.”	National Conference on “Biodiversity and Biosciences” Vita, 29 th December 2022	National	Dept. of Botany, Zoology and Microbiology, Balwant College, Vita
4	“Phytochemical Analysis of Wild Plant- <i>Elaeagnus conferta</i> Roxb.”	National Conference on “Science and Technology for Sustainable Development” Jaysingpur, 16 th December 2023	National	Faculty of Science and IQAC, Jaysingpur College, Jaysingpur.

F) Citation Index

	Google Scholar	Scopus	Web of Science
Citations	07	-	-
h-index	02	-	-
i10-index	-	-	-

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

Sr. No	Name of the programme	Organizing institute	Date
1	Orientation Course in New Syllabus of Science and Maths for Class XI.	Rayat Shikshan Sanstha, Satara.	14 th September, 2019
2	Maharashtra State Development of Educators and Enhancement in Delivery (MS- DEED) Programme- MS-DEED Level 1 In-person Workshop on “Introduction to Innovative Pedagogies for College Teachers.”	Maharashtra State Faculty Development Academy, Pune & Indian Institute of Science Education and Research, Pune.	15 th - 17 th February, 2023
3	BOS-Syllabus Discussion of B. Sc. II & M. Sc.	Yashavantrao Chavan Institute of Science, Satara	12 th & 13 th September, 2022
4	BOS-Syllabus Discussion of B. Sc. III	Yashavantrao Chavan Institute of Science, Satara	17 th March, 2023

❖ **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	One Day Seminar on “Mahilanche Aarogya, Sharireek Kshamata v aahar Vishai Jagrutee.”	Smt. Mathubai Garware Kanya Mahavidyalaya, Sangli.	Local	7 th December, 2011
2	One Day Seminar on “Stree-Bhroon Hatya.”	Kanya Mahavidyalaya, Miraj.	Local	15 th September, 2012
3	One Day State Level Seminar on “ Sustainable Development of Rainwater Harvesting in Drought Prone Region of Maharashtra, India.”	Dept. of Geography, Shri Raosaheb Ramrao Patil Mahavidyalaya, Savlaj.	State	24 th January, 2013
4	One Day National Seminar on “Recent Trends in Botany”	Dept. of Botany, Arts, Science and Commerce College, Ramanandnagar (Burli).	National	8 th February, 2013
5	One Day Workshop on “Environment Science Slide-Show”	Shri Raosaheb Ramrao Patil Mahavidyalaya, Savlaj.	State	13 th March, 2014
6	Three days “Conference of A Society of Cytologists & Geneticists & National Symposium on Challenges for Biologists in 21 st Century.”	Dept. of Botany, Shivaji University, Kolhapur.	National	22 nd -24 th December, 2014
7	Two days National level Seminar on “Problems and Prospects of Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) in Maharashtra.”	Dept. of Economics, Shri Raosaheb Ramrao Patil Mahavidyalaya, Savlaj.	National	21 st & 22 nd January, 2015
8	One day Workshop on “ Revised Practical Syllabus of B. Sc.- III”	Dept. of Botany, Yashavantrao Chavan Institute of Science Satara.	Local	2 nd September, 2015
9	One Day Workshop on “Use of Statistics in Biological Research.”	Dept. of Statistics, Yashavantrao Chavan Institute of Science Satara.	State	24 th September, 2015

10	One Day Workshop on “Research Methodology”	Rayat Institute of Research and Development, Satara.	State	6 th February, 2016
11	International Summit on “Technology and Innovations for Industry”(ISTII 2016)	Yashavantrao Chavan Institute of Science Satara.	International	8 th -9 th March, 2016
12	One Day International Workshop on “ Abroad Research Opportunities for Students”	Yashavantrao Chavan Institute of Science Satara and Savitribai Phule Mahila Mahavidyalaya, Satara.	International	8 th March, 2017
13	National e-Seminar on “Biodiversity of India: An Overview”	Dept. of Botany, D. P. Bhosale College, Koregaon	National	20 th July, 2020
14	One day State Level Webinar on “ Green Practices for sustainable Agriculture”	Dept. of Botany and Plant Protection, Sadguru Gadage Maharaj college, Karad	State	9 th July 2021
15	One day State Level online workshop on “ Biodiversity of Animals and plants of western Ghats”	Dept. of Botany, Zoology and IQAC of Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh.	State	18 th April, 2022

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

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
<u>1</u>	Guest Lecture- On “Plant Breeding & Biotechnology”	Local	A.C.S. Agri Jr. College, Siddhewadi	12/12/2013
<u>2</u>	Guest Lecture- On “Enhancement in Food Production”	Local	A.C.S. Agri Jr. College, Siddhewadi	17/12/2013

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

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
<u>1</u>	-	-	-	-



Signature of Faculty