



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

Faculty Profile

❖ **General information**

Name : Miss. Sumaiya Shahabuddin Shaikh
Designation : Assistant Professor (CHB)
Department : Botany
Educational Qualification : M. Sc. B. Ed.
Date of Appointment : 03.09.2014
Teaching Experience : UG: 09 years
PG: 07 years
Research Experience : 04 years
Research Area : Plant Physiology, Allelopathy, Plant Pathology.



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

| Sr. No. | College/University | Degree | Subjects | Year | Class/Percentage |
|---------|---|-----------------|--------------------------|------|------------------|
| 1 | Shivaji University, Kolhapur. | Pursuing Ph. D. | Botany- Plant Physiology | 2019 | Ongoing |
| 2 | Azad College of Education, Satara. | B. Ed. | Science- Math | 2014 | 70.17% |
| 3 | Yashavantrao Chavan Institute of Science, Satara. | M. Sc. | Botany- Plant Protection | 2013 | 71.21% |
| 4 | Yashavantrao Chavan Institute of Science, Satara. | B. Sc. | Botany- Plant Protection | 2011 | 63.96% |

❖ **Academic and Administrative Responsibilities**

| Sr. No. | Position | Organization | Date/Duration |
|---------|--|-------------------|---------------|
| 1 | B. Sc. I Seed Technology (Class Incharge) | Botany Department | |
| 2 | B. S. I Seed Technology (Skill Course Coordinator) | Botany Department | |
| 3 | Internal Complaint Committee - Member | College Committee | |

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

| Sr. No. | Name of the award/honor/recognition | Awarding Organization | Date and year |
|---------|-------------------------------------|--------------------------------|---------------|
| 1 | Mahatma Jyotiba Phule | An Autonomous Institute of the | 17/01/2022 |

| | |
|-------------------------|---------------------------|
| Fellowship (MJPRF-2021) | Government of Maharashtra |
|-------------------------|---------------------------|

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

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

❖ **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 | Nil | Nil | Nil | Nil | Nil |

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

| Sr. No. | Title of Project | Duration | Amount Sanctioned (in Lakhs) | Agency | Status (Ongoing/Completed) |
|-------------------------------|------------------|----------|------------------------------|--------|----------------------------|
| Major Research Project | | | | | |
| 1 | Nil | Nil | Nil | Nil | Nil |
| Minor Research Project | | | | | |
| 1 | Nil | Nil | Nil | Nil | Nil |

❖ **Research Guidance: Nil**

- 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 | Nil | Nil | Nil | Nil |

B) Books/Book Chapters

| Sr. No. | Title | Publisher | Year of Publication | ISBN No | Type (Reference/Text) |
|---------|--|---|---------------------|---------------------------|-----------------------|
| 1 | Insights into Abiotic Stress Tolerance in Small Millets through Transcriptomics. | Omics for climate resilience in small millets. Springer, Nature, Singapore, Pte. Ltd. | 2022 | ISBN 978-981-19-3906-8 P. | Reference |
| 2 | <i>Andrographis</i> | Medicinal | 2022 | ISBN | Reference |

| | | | | | |
|--|--|---|--|---------------|--|
| | <i>paniculata</i> (Burm. f.) Nees and <i>Bacopa monnieri</i> (L.) Pennell their traditional knowledge, chemical derivatives, and potential benefits. | plants and their potential Health Benefits. Taylor and Francis Group, LLC, Boca Raton, USA. | | 9781032070360 | |
|--|--|---|--|---------------|--|

C) Datasets Submission

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

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 | Silicon alleviates PEG-induced osmotic stress in finger millet by regulating membrane damage, osmolytes, and antioxidant defense. | Notulae Scientia Biologicae 14:11097, DOI: 10.15835nsb 14411097. | ISSN 2067-3264 | Scopus | |

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 /Uni etc.) | Organizing institute |
|--------|--|---|-----------------------------------|---|
| 1 | Silicon alleviates salt stress in finger millet [<i>Eleusine coracana</i> L. (Gaertn.)] | “Emerging Trends in Plant Science Research with Special Emphasis on Medicinal Plants” | National Conference | Department of Botany, Savitribai Phule Pune University, Pune. |
| 2 | Allelopathic effects of <i>Cynodon dactylon</i> L. on germination and seedling growth | “Emerging Trends on Plant Science, Biodiversity Conservation and Environment Sustainability (ETPSBCES)” | International Conference | D. P Bhosale College, Koregaon, Satara (MH) |

| | | | | |
|---|--|---|----------------------------|---|
| | of <i>Triticum aestivum</i> L. | | | |
| 3 | Nutritional composition and phytochemical analysis of local finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) landraces from Western Maharashtra | “Frontiers in Nutrition, Medical Genomics, and Drug Discovery (Inbis’2022)” | International Conference | Bioclues organization and Vignan’s University Vadlamudi, Guntur, (AP) |
| 4 | Growth, membrane damage and minerals status in local landraces of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) under salt stress | “Innovative trends in life sciences” (ITLS 2022) | International Conference | Sadguru Gadage Maharaj College, Karad. |
| 5 | Differential response of local landraces of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) to salinity stress in relation to growth | “Current Approaches in Life Sciences for Sustainable Development (ICCALSSD-2021)” | International E-Conference | Yashvantrao Chavan Institute of Science, Satara. (Autonomous) |
| 6 | Study of soil pH, water holding capacity, and growth parameters of (<i>Triticum aestivum</i> L.) from five different localities of Western Maharashtra. | “Recent Trends in Botany” | National Conference | Yashvantrao Chavan Institute of Science, Satara. |

F) Citation Index

| | Google Scholar | Scopus | Web of Science |
|------------------|----------------|--------|----------------|
| Citations | 1 | | |
| h-index | 1 | | |
| i10-index | | | |

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

| Sr. No. | Name of the programme | Organizing institute | Date |
|---------|-----------------------|----------------------|------|
| 1 | NA | NA | NA |

❖ **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 | 'International Conference on Nano-Biotechnology' (ICNB'23) | Yashavantrao Chavan Institute of Science (Autonomous), Satara. | International Conference | 17 th March 2023 and 18 th 2023 |
| 2 | 'Multidisciplinary Approaches in Life Science: Research and application For Sustainable Development'. | Yashavantrao Chavan Institute of Science, (Autonomous), Satara. | National Conference | 5 th and 6 th Jan. 2018. |
| 3 | 'Recent Advances in Renewable Energy and Hygiene Devices' (RAREHD 2018) | Yashavantrao Chavan Institute of Science, (Autonomous), Satara. | International Conference | 5 th and 6 th March 2018 |

❖ **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 | Nil | Nil | Nil | Nil |

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

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



Signature of Faculty