

CURRICULUM VITAE

DR. SMITA BABURAO JUGALE

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About Myself: I have explored my strength in Botany especially in Plant Ecology, Plant Physiology, mangroves and marine algae, Blue green algae. I am committed to enhance the quality of the knowledge in Botany, through series of lectures, practical work, field tours and can perform team work in College, University or Research institutes department. I am interested in working in academic field as well for teaching PG students or doctoral students of Institute to disseminate knowledge in all branches of Botany and Biology (Life Science). Presently, I am working on angiospermic plants.

Research Area:

Changing climate, Mangroves, Marine algae, Cyanobacteria, Algal and Cyanobacterial blooms, Benthic algae in mangroves, Conservation Biology of critically endangered mangroves. Special interest in plant group is MANGROVES, Marine algae and BGA.

PERSONAL INFORMATION:

Date of Birth	:	June 4, 1981.
Nationality	:	Indian
Religion	:	Jain

AREAS OF INTEREST:

Teaching did for PG classes :

Plant Ecology, Plant Physiology, Bryophytes, Economic Botany, Marine Botany, Mangroves

Halophytes and sea weeds, Marine Algae, Cyanobacteria and blooms in mangroves

Algal blooms and Cyanobacteria , Mangroves and their role in upcoming cyclones

Effects of changing climate on mangroves, sea weeds, algae, Effects of changing climate on coastal livelihood

Teaching UG classes :

Microbiology, Cryptogams, Algae, Plant Ecology, Plant Physiology, Economic Botany, Biofertilizers, Ayurveda, Herbal Medicine, Pharmacognosy, Environmental Science for Arts, Commerce and Science etc.

EDUCATIONAL QUALIFICATION:

TITLE OF THE Ph.D. THESIS:

Autecological studies on *Xylocarpus granatum* Koen. from Maharashtra coast, under the guidance of Prof. (Dr.) L. J. Bhosale, at Department of Botany, Shivaji University, Kolhapur, Maharashtra(India).

Examination & Year of passing	University/ Board	Subjects	% Obtained	Class obtained
Ph. D.(2010)	Shivaji University, Kolhapur	Autecological studies on <i>Xylocarpus granatum</i> Koen. from Maharashtra coast		Awarded on 21 st Sept. 2010
M.Sc.(2003)	Shivaji University, Kolhapur	Botany, Specialization: Plant physiology	74.46 %	Dist.
B.Sc. (2001)	Shivaji University, Kolhapur	Botany, Subsidiary: Zoology & Chemistry	74.88 %	Dist.

RESEARCH EXPERIENCE, TEACHING EXPERIENCE, EXTRACURRICULAR

- **Post Doctoral Fellow** on project entitled ‘Studies on Effects of Algal Blooms on Mangroves of Maharashtra (Working since 1st Feb 2012) under UGC scheme for Post Doctoral Fellowship for Women candidate in Department of Botany, Shivaji University, Kolhapur.
- Worked as **Research Assistant**, on project entitled ‘Preparation of Field Guide on mangroves of Maharashtra’ from 19th Sept. 2003- March 2005, funded by Maharashtra Pollution Control Board, Mumbai.
- Mangrove plantation at two districts (Ratnagiri and Sindhudurg) of Maharashtra in consultancy program and research projects of Prof. Dr. Leela J. Bhosale.
- **Identifications of Marine phytoplanktons, benthic, filamentous and Marine macro Algae, Cyanobacteria in mangrove environment.**
- M. Sc. Project - Effect of salinity on physiological parameters of *Centella asiatica* under controlled conditions from Agricultural field under water logging and salt stress.
- *Research Paper presented in conferences/Seminars : 21*
- *Prizes/Awards in PhD and Post Doc: 6*
- *Honours as fellowship awards: 2*
- *honor Life member 2 MSI and ISCA*
- *Member of national and international bodies: 5*
- *Ranks: 3*

- *Scholarship:- 3*
- *Team work in International seminar and conference : 3*
- National Workshop cum training : 2
- *Nominationa for award: 1* , Shankar Dayal Sharma Award for leadership and general proficiency (2nd from 28 departments), by Shivaji University, Kolhapur.
- Appreciation certificate for active participate and creative efforts on NSD 2003, by Shivaji University Kolhapur, Science and Technology Cell , Govt. of Maharashtra, National Council of Science and Technology, Govt. of India for year 2003.
- National Workshop-cum training : 1 (UNESCO), 1 National
- PG teaching experience : 6.5 years
 1. Dept of Botany, Shivaji University, Kolhapur.
- UG teaching experience: **2 year and 3 Months**
 1. Contributory teaching (Environmental Science) for UG Science departments, Gopalkrishna Gokhale College, Kolhapur from June 2007-June 2008.
 2. Contributory teaching Botany to UG college, Ch. Shahu College, Rayat Sanstha, Kolhapur. June 2011 to Jan. 2012.
 3. Contributory teaching Botany to UG college, Ch. Shahu College, Rayat Sanstha, Kolhapur. Dec.2021 to June 2022.

Place: Kolhapur

Date :

Dr.Smita Baburao Jugale