

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE AKOLA

Faculty Profile



Name : Dr. Mrs. Swati n. Zodpe
Address : 108, LIG 55, V. H. B. Colony,
Malkapur Grampanchayat
Akola (M.S.) India.
Contact no. : Mob. No. 9423123512, College –
E-mail Address : z.swati@rediffmail.com
Designation : Asst. Professor
Department : Department of Microbiology
Area of specialization : Microbiology
Date of birth : 9th August 1977
Sex : Female
Marital status : Married
Languages known : English, Marathi, And Hindi.
Category : V. J. (A)
Academic Qualification :

Exam passed	University	Subject/Specialization	Year of Passing	Division
B.Sc.	Amaravati University	Microbiology	1998	I
M.Sc.	Amaravati University	Microbiology	2000	I - 3 rd Merit
Ph.D.	Amaravati University	Microbiology	2006	-
Other Degree/ Diploma	Certificate course of computer MS-CIT.			
Title of Ph. D. Thesis : " <i>Studies on Microbicidal Properties of Some Plants for Management of Plant Pathogens</i> "				

Research Experience:

- a) Co-Guided 3 students for dissertation of M.Sc. (Microbiology) of Agnihotri college, Wardha under RTM university , Nagpur.

Sr. No.	Name of Student	Topic of Dissertation	Academic Year
1	Mr. Kiran Tekade	Comparative in-vitro analysis of fungi isolated from Rhizospheric Soil for Indol Acetic Acid Production	2008-2009
2	Mr. Mahesh Rokade	Isolation and identification of pesticide resistant bacteria from Agricultural soil	2008-2009
3	Mr. Deepak Baringe	Prevalence Of <i>Clostridium Species</i> From Various Clinical And Non clinical Environments.	2009-2010

- b) Guided 3 students for dissertation of M.Sc. (Microbiology) under SGB Amravati University.

Sr. No.	Name of Student	Topic of Dissertation	Academic Year
1	Mr. Sohail Khan	Assessment of antibacterial activity of different toothpaste and tooth power against oral flora	2011-12
2	Ms. Yogita Sarode	Bacterial resistance to antibiotic and disinfectant: today and tomorrow.	2012-13
3	Mr. Priyanka Umbarkar	A novel approach of use of weak acids and salts as a potent alternative to antibiotics.	2012-13

c) Student under guidance for dissertation of M.Sc. (Microbiology) under SGB Amravati University.

Sr. No.	Name of Student	Topic of Dissertation	Academic Year
1	Ms.Ashwini Arbat	Biodiversity of <i>Actinomyces spp.</i> From Saline Belt of Akola District.	2013-14
2	Mr. Pankaj Matre	Physico-Chemical & Bacteriological Analysis of Water From Telhara District Akola.	2013-14

List of Publications:

1. Studies on "Antimicrobial activity of *Azadirachta indica* L. on certain foliar pathogens. Published in *Journal of Microbial World*, 2001.
2. "Comparative Studies on effect of autoclaved and unautoclaved *Azadirachta indica* L.extract on disease incidence in tomato (*Lycopersicon esculentum* Mill)
"Proceeding of International Conference of SAARC Countries. Published by *Microbiology society Karad*, 2002.
3. "Effect of plant extract on seed germination and crop growth rate of crops in Vidarbha region. Published in *Amravati University Journal*, 2004.
4. Study of Air Flora near Solid Waste Dumping Station at Akola. Published in *Nature Environment and Pollution Technology*, 2004 (Techno-Science Publication).
5. Drug Sensitivity of Chlorine Resistant *Escherichia coli* Isolated from Drinking Water Sources. Published in *Journal of Microbial World*, 2005.
6. Swati R. Bipte, Padmini S. Parmar and M. Musaddiq (2012): Isolation and Identification of Pesticide Resistant Bacteria from Agricultural Soil. *Nature Environment and Pollution Technology*. **11**(1):139-140.
7. S. N. Zodpe and M. Musaddiq (2012): Impact of climate change on agriculture- A review.

Proceeding of Impact of climate change on agriculture production in India held on 6th

October 2012: 100-103. ISBN: 978-93-82414-04-9.

8. Sohail khan and S. N. Zodpe(2012):Assessment of antibacterial activity of different toothpaste and toothpowders against oral flora. Proceeding of IRTBS held on 8-9 September 2012:334-339. ISBN: 978-81-923621-0-6.
9. S. R. Bipte & M. Musaddiq (2012). Prevalence of *Clostridium species* from Various Clinical & Non Clinical Environments. *Bioscience, Biotechnology Research Communication*. Peer Reviewed International Journal for Rapid Publication. **5**(2):2012; 187-189.
10. P. G. Umbarkar, Swati N. Zodpe (2013). Novel Approach of Use of Organic Acids & Salts as a Potent Alternative to Antibiotics. *Indian Jr. of Applied Research*. **3** (5): 2013; 45-47. ISSN 2249-555X, Impact Factor:0.8215 (Peer Reviewed & Referred International Journal)
11. Y. N. Sarode & Swati N. Zodpe (2013). Bacterial Resistance to Antibiotic and Disinfectant: Today and Tomorrow. Accepted For Publication In *Inter. Jr.of Biotech & Biosciences*.

COMMUNICATED FOR PUBLICATION:

- a) Comparative in-vitro analysis of fungi isolated from Rhizospheric Soil for Indol Acetic Acid Production.
- b) In-vitro studies of *Azardirachta indica* L plant extract on the growth performance of *vigna radiata* L *Wilzeak* is communicated for publication in an International quarterly journal of life sciences. The Bioscan-ISSN 0973-7049.

SEMINAR/CONFERENCES/SYMPOSIA/ WORKSHOP ATTENDED :

- 1) Participate at 42nd Annual Conference of Association of Microbiologists of India at Gulbarga University, 9-11 Nov. 2001 and presented poster on following paper.

- 2) Attended International Conference of SAARC Countries on Biotechnology in Agriculture, Industry and Environment held at Karad, 28-30 December, 2001.
- 3) Attended UGC Sponsored National Conference on Ethnobotany, Biodiversity and Conservation, 18-19th January, 2003, held at Shri Shivaji College, Akola.
- 4) National workshop on Municipal Solid Waste Management held at Amravati University, Amravati, 25-26 July, 2003.
- 5) One Day Students Conference in Microbiology Organized By Dept. Of Microbiology and Microbiologist Society Shri Shivaji College Of Arts, Commerce and Science, Akola. 15th Dec. 2007
- 6) University level workshop for students on Application Of Information Technology for Life Science (AITLS-2010). Organized by Shankarlal Khandelwal Arts, Science and Commerce College, Akola 30th Jan 2010.
- 7) National conference on Biotechnology For Better Tomorrow (NCBBT-2010) Organised by Life Sciences, Shri Shivaji College of Arts, Commerce And Science, Akola on 6th and 7th Feb 2010
- 8) UGC sponsored 1 day National seminar on “Biodiversity and its conservation need of the day” organized by shri Shivaji college Akot, 15th Jan 2011.
- 9) State level workshop on Research methodologies in science organized by Shankarlal Khandelwal Arts, Science and Commerce college, Akola on 26th Feb 2011.
- 10) U.G.C. sponsored National conference on advance in life science for sustainable rural development (ALSSRD-2011) organized by shankarlal Khandelwal Arts, Science and Commerce college, Akola held on 11 and 12th Oct, 2011.
- 11) U.G.C. sponsored National conference on Innovations in Bio-Sciences (IBS) organized by R.A. College, Washim held on 14th 15th Oct, 2011.
- 12) Two days international interdisciplinary conference on ‘Women

Empowerment ' held in Ramkrishna Mahavidyalaya, Darapur. On dt 25th 26th
Nov,2011

- 13) Participated at National conference on Innovative research trends in biological sciences NCIRTBS-2012 at Shri Shivaji College of Arts, commers and Science Akola held on 8-9 September.
- 14) Impact of climate change on agriculture production in India held on 6th October 2012 held in Shri Shivaji College Of Arts, Commerce And Science, Akola.

POSTER PRESENTATION :

- 1) Participate at 42nd Annual Conference of Association of Microbiologists of India at Gulburga University, 9-11 Nov. 2001 and presented poster on following paper.
- 2) Attended International Conference of SAARC Countries on Biotechnology in Agriculture, Industry and Environment held at Karad, 28-30 December, 2001.
- 3) National workshop on Municipal Solid Waste Management held at Amravati University, Amravati, 25-26 July, 2003.
- 4) National conference on Biotechnology For Better Tomorrow (NCBBT-2010) Organised by Life Sciences, Shri Shivaji College Of Arts, Commerce And Science, Akola on 6th and 7th Feb 2010.

ORAL PRESENTATION :

Attended UGC Sponsored National Conference on Ethnobotany, Biodiversity and Conservation, 18-19th January, 2003, held at Shri Shivaji College, Akola.

TEACHING EXPERIENCE:

Course Taught	Name of the University/College/Institution	Duration
UG	Shri Shivaji College Of Arts, Commerce And Science, Akola.	4 Years as a CHB and 1 Year and 5 Months as a Asst Prof.
	Shankarlal Khandelwal Arts, Science and Commerce college, Akola	10 Years as a CHB
	GNA Arts, Science and Commerce college, Barshitakali, Dist. Akola	13 Months as a Asst Prof. and Head
PG	Shri Shivaji College Of Arts, Commerce And Science, Akola	12 Year

Role in College activities:

- 1) Worked as a member in different committees
Cultural activities committees
Science association
- 2) Worked as a invigilator in university exam.

Role in University activities:

- Worked as internal and external examiner, paper setter, valuer for UG and PG of Microbiology.

