

BIODATA

Dr. Shinde Bajirao Maruti

**B-26, Chaitanya Park,
Sector No.-1,
Indrayaninagar, Bhosari,Pune
411039**



Mob. No.:- 7350055097

Email ID: bmshinde66@gmail.com

Designation: Head and Associate Professor

Educational Qualification: M.Sc.Ph.D

Teaching Experience:27 years

Classes Taught: F.Y.B.Sc S.Y.B.Sc. T.Y.B.Sc. and M.Sc.

Faculty development programmes (Orientation/ Refresher/ Short term courses):

Sr.No	Course	University	Department	Duration
1.	Orientation Programme	Pune University	Academic Staff College	15/12/1994-11/01/1995
2.	Refresher course	Pune University	School of Energy Studies	8/03/1999-04/04/1999
3.	Refresher course	Pune University	Department of Botany	20/12/2001-17/01/2002
4.	Refresher course	Pune University	Department of Zoology	07/02/2005-27/02/2005
5.	Refresher course	Pune University	Department of Botany	07/09/2006-27/09/2006

Research Area: Stress Physiology ,Environmental

Research Projects: Studies on venation skeleton preparation and preservation of different families for dry flower industry. (Dr. Saima Mir)

(2017-2019) ongoing 18,38,500 by DST women Scientist B

Research Articles published In Journals:

1. **Shinde, B.M.**, Limaye, A. S., Deore, G. B and Laware, S. L. (2010) Physiological Responses of Groundnut (*Arachis hypogaea* L.) Varieties to Drought Stress. *Asian Journal of Experimental and Biological Science, Special Vol. No. 1:* 68-71
2. **Shinde, B.M.**, and Laware, S. L. (2010) Effect of Drought Stress on Agronomic and Yield Contributing Characters In Groundnut (*Arachis Hypogaea* L.). *Asian Journal of Experimental and Biological Science*,1(4): 968-971.
3. **Shinde, B.M.**, and Laware, S. L. (2010) Effect of Drought Stress on Morphological Characters in Groundnut (*Arachis Hypogaea* L.). *Flora and Fauna, Special issue pp* 128-131.
4. Limaye A. S., Deore G. B., **Shinde B. M.** and S. L. Laware (2010) Assessment of *Adiantum trapeziforme* L. for antioxidant activities. *Asian Journal of Experimental and Biological Science, Special Vol. No. 1:* 79-84.
5. Deore G. B., Limaye A. S., **Shinde B. M.** and S. L. Laware (2010) Effect of Novel Organic Liquid Fertilizer on Growth and Yield in Chilli (*Capsicum annum* L.). *Asian Journal of Experimental and Biological Science. Special Vol. No. 1:* 15-19.
6. **Shinde B. M.** and S. L. Laware (2014) Screening of Groundnut (*Arachis hypogaea* L.) Varieties for Drought Tolerance Through Physiological Indices. *Journal Of Environmental Research And Development*, Vol.9 No.02,(October-December 2014), 375-381
7. **Shinde B. M.** and S. L. Laware (2015) Investigation of Water Stress on Antioxidant Enzyme Activities In Groundnut Varieties (*Arachis Hypogaea* L). *International Journal of Advanced Biological Research., VOL. 5(1) 2015:* 29-33.
8. **Shinde B. M. (2018)** Significant Potential Of Medicinal Mushrooms In Immunomodulation. *International journal of researches in biosciences, agriculture and technology. Vol. VI (Special Issue 2), Feb 2018 :* 138-140.

Paper presented in International Conference:

- 1) Presented a paper entitled **“Morpho-Physiological Variations in Groundnut Varieties under Drought Stress”** XXXIII Conference of Indian Botanical Society and International Symposium on the New Horizons of Botany Dept. Of Botany, Shivaji University, Kolhapur 10th -12th November 2010.
- 2) Presented a paper entitled **“Screening of Groundnut (*Arachis Hypogaea L.*) Varieties For Drought Tolerance Through Physiological Indices”** International Conference On Biodiversity And Environmental Crisis: Past, Present And Future Jointly Organized By Ghogare Science College,Dhule &IAAB Hyderabad 11th -13th Feb.2011
- 3) Presented a paper entitled **“Screening of Groundnut (*Arachis Hypogaea L.*) varieties for stress tolerance through Physiological Indices”** 6th International Congress of environmental research during 19th -21th December 2013 held at Dr Rafiqe Zakaria Campus, Maulana Azad College of ACS ,Aurangabad India.
- 4) Presented a paper entitled **“Drought Stress Induced Alterations in Groundnut (*Arachis hypogaea L.*) Varieties”** in International Conference on Plant Reasearch and Resource management By T.C. College, Baramati.

Paper presented in National/ State/ University level Conference: Research papers presented in National Conference/ Seminar:

- 1) Presented a paper entitled **“Effect of Drought Stress on Agronomic and Yield Contributing Characters in Groundnut (*Arachis Hypogaea L.*)”** National Seminar on Frontiers in Biotechnological Aspects of Plant Sciences Organized By Department Of Botany, C.T. Bora College, Shirur. 9th and 10th January 2010
- 2) Presented a paper entitled **“Physiological Responses of Groundnut (*Arachis Hypogaea L.*) Varieties to Drought Stress”** National Conference on Recent Trends in Botany Organized By Dept. of Botany, K.J.Somaiya College, Kopargaon. 28th-30th Jan-2010
- 3) Presented a paper entitled **“Effect of Drought Stress on Morphological Characters In Groundnut (*Arachis Hypogaea L.*)”** National Conference on Recent Advances in

Plant Sciences Organized By Dept. of Botany, P.V.P.College, Pravaranagar and Society of Applied Sciences, Agra. 15th -17th Feb.2010

4) Presented a paper entitled “**Drought Stress Induced Changes In Groundnut (*Arachis Hypogaea* L.) Varieties**” National Conference of Plant Physiology, Organized By Dept. Of Plant Physiology, BHU, Varanasi and Indian Society of Plant Physiology. 25th -27th November 2010

5) Presented a paper entitled “**Drought-Induced Biochemical Alteration In Groundnut**” National Conference on Current Innovations in Plant Sciences Organized by Department of Botany, K.J. Somaiya College, Kopargaon. 5th -7th February, 2011.

6) Presented a paper entitled “**Screening of Groundnut (*Arachis Hypogaea* L.) Varieties For Stomatal Behavior Under Drought Stress**” National Seminar On Plant Diversity For Sustainable Development, Organized By Department Of Botany, University Of Pune 10th -12th March, 2011.

Awards/Honours:

- 1) Received Best Teacher Award by NSUI.
- 2) Received 2nd Prize for Best Oral Paper Presentation in National Conference on “Recent Trends in Botany” held at K.J.S. College, Kopargaon.

Books Published: Drought Stress in Peanut

Lap Lambert Academic Publishing GmbH KG, 2012

ISBN 3848408090, 9783848408092

Seminars/Workshops/ Training courses attended:

- 1) Attended & Actively Participated in workshop on “Applied Botany” held at Yashawantrao Mohite College, Pune, on 8th February, 1994.
- 2) Attended one day seminars on “Carrier Opportunities for Botanists” held at Department of Botany, University of Pune, on 4th February, 1996.
- 3) Attended & Actively Participated in workshop for Botany Teachers, on “Revised S.Y .B.Sc. Botany Syllabus” held on 16th & 17th August 1997, at Baburaoji Gholap College, Sangvi, Pune-411 027.

- 4) Attended one day seminar on “Role of Information Technology In Biological Sciences” at Department of Botany, University of Pune, on 22nd December 2000.
- 5) Attended and actively Participated in workshop on “Awareness’ of Environmental Pollution” at Annasaheb Magar College, Hadapsar, Pune-28 on 16th February, 2000.
- 6) Attended and actively Participated in workshop on “The Addition of Basic & Applied Aspects in the Proposed F.Y.B.Sc. Botany Syllabus,” held at Agasti College, Akole, on 26th February, 2002.
- 7) Attended national seminars on “Current Trends in Plant Sciences” held at Department of Botany, University of Pune, on 26th March, 2002.
- 8) Actively Participated and worked as resource person in workshop on “Awareness and Teaching of New Topics In F. Y .B.Sc. Botany Syllabus ” held on 1st October 2002 at Baburaoji Gholap College, Sangvi, Pune-411 027.
- 9) Attended and actively Participated in workshop on “Restructuring of S. Y. B. Sc. Botany Syllabus ” held at Arts, Science & Commerce College, Hadapsar, Pune-28 on 3rd January 2003.
- 10) Attended and actively Participated in workshop on “Discussion and framing of S.Y.B.Sc. Botany Syllabus” held at Parner College, on 4th January 2003.
- 11) Attended & Actively Participated in the state level conference on “Biotechnology, Biodiversity & Environmental Awareness “held at P.V.P.College, Pravaranagar on 26th February, 2003.
- 12) Attended national conference on “Recent Advances In Plant, Microbial And Environmental Biotechnology” held at C. T. Bora College, Shirur, on 22nd & 23rd March 2003.
- 13) Attended national seminars on “The Emerging Trends in Biodiversity and Biotechnology in the Indian Context” on 25th to 27th September, 2003 held at Christ College, Bangalore, India.

- 14) Attended & Actively Participated in the national conference on “Revamping of Science Education ”held at Fergusson College ,Pune, on 5th & 6th December, 2003.
- 15) Attended & Actively Participated in the Seminar on “Retrospect and prospects of Botany”held at Fergusson College, Pune, on 30th October 2004.
- 16) Attended & Actively Participated in the Seminar on “Recent trends in Modern Biology ”held at Department of Zoology, University of Pune ,Pune, on 17th- 19th Feb 2005.
- 17) Attended & Actively Participated in the One Day Seminar on “Advances in Botany ”held at Shree Shiv-Chhatrapati College,Junnar, Pune, on 04th Feb 2006.
- 18) Attended & Organized One Day Workshop on “Energy Generation and Conservation ”held at Modern Energy Park, Kanhe Phata, Pune ,on 10th Jan 2009
- 19) Attended & Participated One Day Workshop on “Re-orientation Workshop on Teaching revised syllabi in Botany” held at Department of Botany, University of Pune, Pune, on 21st Mar 2009.
- 20) Actively participated in “Avishkar 2008” Jointly organized by Baburaoji Gholop College and Pune University on 24th and 25th Sept. 2008, held at Baburaoji Gholop College Sangvi, Pune.

Memberships on various bodies: Botany BOS Member of SPPU,Pune

Computer Skills: MS-CIT