

FACULTY PROFILE

1.	Name	DR. SUNITA HARIRAM JADHAV
2.	Department	Botany
3.	Qualification	M.Sc., M.Phil., Ph.D.
4.	Title of Thesis	M. Phil: Study of influence of Salicylic acid on physiology of <i>Arachis hypogaea</i> L. Ph.D.: Physiological studies of <i>Arachis hypogaea</i> L. under the influence of Salicylic acid and its derivatives.
5.	Designation	Assistant Professor
6.	Specialization	Plant Physiology
7.	Mobile No	9766212762
8.	Email	jsunita1210@gmail.com
9.	Teaching Experience	06 years
10.	Research Experience	06 years
11.	Membership in University	--
12.	Recognitions	<ul style="list-style-type: none"> • Post-Graduate Teacher Recognition (M. Sc. T&D) • M. Phil/Ph.D. Guide Recognition, Shivaji University, Kolhapur
13.	Membership in College	<ul style="list-style-type: none"> • Co-ordinator of NAAC Criterion III (Research, Extension and Innovation) • Co-ordinator of ICT Committee • Co-ordinator of SWAYAM Committee • Co-ordinator of Skill Development Activities • Co-ordinator of Incubation Center • Member of UGC committee • Member of Research Committee • Member of Admission Committee-B. Sc. I • Member of Garden Committee • Member of Bhattipatruk Committee • Member of Library Committee • Member (Vibhagiy Upsampadak) of JAYWANT Niyatkalik • Member Convocation committee • Member of Discipline committee • Member of Annual Prize distribution ceremony committee
14.	Membership of Professional bodies	<ul style="list-style-type: none"> • Member of SUTA • Life Member of Teacher Benevolent Fund • Director of Krishna Sahakari Grahnirman Society

15.	Awards received	<ol style="list-style-type: none"> 1. Dr. G. V. Joshi Memorable Gold Medal for securing 1st position in M.Sc. 2. Best paper presentation award in National Bio competitions-2015 organised by Shivaji University, Kolhapur 3. 1st Prize in National Science Day Essay Competition, Shivaji University, Kolhapur. 4. 2nd Prize in Late Prof (Dr.) G. V. Joshi memorial Seminar Competition held in at Department of Botany, ShivajiUniversity, Kolhapur (MS). 5. SanmanPatra from MS-CIT
16.	Refresher/ Orientation Courses/FDP	<ol style="list-style-type: none"> 1. Orientation Programm, UGC-HRDC, Savitribai Phule Pune University, Pune, 3 Aug. to 30 Aug. 2015 2. Refresher Course, UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 3/3/2018 to 22/3/2018 3. GIAN Programme on Deployment of Allelopathy in Sustainable Agriculture organised by Department of Botany, Shivaji University, Kolhapur, Sponsored by Ministry of Human Resource Development Government of India, 27th September to 3rd October 2019 4. Faculty Development Program on Cyber Security hosted by Karmaveer Bhaurao Patil College, Urun Islampur conducted by FDP PMMMNMTT during 16th to 21st Decem. 2019
17.	Seminars/ workshop - Attended/Participated	<ol style="list-style-type: none"> 1. One Day Seminar on 'National Education Policy (2019) jointly organised by Shivaji University Teachers' Association (SUTA), Kolhapur and K. R. P. Kanya College, Islampur on 8th March 2020. 2. A two day National Seminar under UGC-PARAMARSH Scheme on 'Research Outlook: Innovative Practices' organised by Sadguru Gadage Maharaj College, Karad on 28th and 29th February 2020 3. Exclusive Workshop- Web Live Training

		<p>Session on Power Point for E-content Development held at Live on link www.youtube.com/mahabridge/live on 26th May to 29th May 2019</p> <ol style="list-style-type: none"> 4. Faculty development workshop on NAAC: Revised Accreditation Framework (RAF) for the Principals/IQAC Coordinators of Affiliated Colleges, organised by the State Project Directorate, Maharashtra State in association with Internal Quality Assurance Cell (IQAC), Shivaji University, Kolhapur, on 8th to 10th May, 2019 5. One Day Workshop on 7th Pay and the Revised API Methodology, organised by Shivaji University Teacher's Association (SUTA), Satara at Mahila Mahavidyalaya, Karad on 19th April, 2019 6. National Workshop on E-content Development, organised by Arts, Science and Commerce College, Ramanandnagar (Burli), on 9th and 10th January 2019. 7. One Day Workshop on 'Honey Bee Keeping: Management and Handling' Organized by Department of Zoology, Krishna Mahavidyalaya, Rethare Bk., 18 Feb. 2018. 8. One Day Workshop on 'Revised API System (4th Amendment), Organized by Shivaji University Teachers Association (SUTA) Kolhapur, 13th Feb. 2018. 9. One Day Workshop on 'E-Resources Access and Introduction to API', Organized by Barr. Balasaheb Khardekar Library (Knowledge Resource Center), Shivaji University, Kolhapur on 9th August 2018. 10. Workshop on 'Science Academies' Lecture Workshop on 'Plant Sciences: Challenges and
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		<p>Opportunities' organized by The New College, Kolhapur, 19th and 20th Decem. 2017.</p> <ol style="list-style-type: none"> 11. One Day Workshop on 'Bonsai for Connecting with the Nature', Jointly organized by Kolhapur Bonsai Club-Kolhapur with Botany Department, Shivaji University, Kolhapur on 7th July 2017 12. One Day Workshop on 'The Maharashtra Public Universities Act, 2016', organized by Shivaji University Teachers' Association (SUTA), Kolhapur on 5th February, 2017 at Balwant College, Vita. 13. One Day Workshop on 'Cashless Maharashtra: Awareness and Training Workshop', organized by NSS, Krishna Mahavidyalaya, Rethare Bk., on 13th January 2017. 14. Workshop on 'Sexual Harassment at Educational Institutions: Prevention, Prohibition and Redressal', jointly organized by Mahavir Mahavidyalaya, Kolhapur and Bhartiya Mahila Federation (NFIW), Kolhapur on 17th Decem. 2016. 15. Poster Presentation Workshop organized by Lokvikas Kendra, Shivaji University, Kolhapur on 22nd Decem. 2015 16. One Day Teachers Workshop on Revised Syllabus-B.Sc. II Botany on 02 Sept. 2015 organised by Y. C. Institute, Satara. 17. One Day Teachers Workshop on Revised Syllabus-B.Sc. II Botany on 27 Decem. 2014 organised by Krishna Mahavidyalaya, Rethare Bk.
18.	Seminars/colloquium/Congress /Symposium /conferences- Attended/Participated	<ol style="list-style-type: none"> 1. National Conference on 'Interdisciplinary Approaches in Life Sciences' organized by Department of Zoology and Biotechnology, Yashwantrao Chavan Institute of Science, Satara on 2nd and 3rd Feb. 2020. 2. International Conference on Advances in Pure and Applied Sciences, Organized by

		<p>Balwant College, Vita, 5th and 6th Jan. 2019</p> <p>3. 1st International Conference on Materials and Environmental Science (ICMES-2018), Organized by Shri Yashwantrao Patil Science College, Solankur and The New College Kolhapur, 7th and 8th Decm. 2018</p> <p>4. National Conference on Innovative Research in Physical, Chemical and Life Sciences, M. H. Shinde Mahavidyalaya, Tisangi, 24th Feb. 2018.</p> <p>5. National Conference on 'Recent Trends in Botany', Kisan Veer Mahavidyalaya, Wai, 30th Decem. 2017.</p> <p>6. National Conference on Understanding Revised Assessment and Accreditation Methodology of NAAC, Mahavir Mahavidyalaya, Kolhapur, 13th Decm. 2017</p> <p>7. 3rd International Conference on Innovative Research in Science and Technology organized by Gopal Krishna Gokhale College, Kolhapur 7th and 8th Nov. 2017</p> <p>8. National Conference on Emerging Trends and Classics in Life Sciences (ETC-LS), organised by Yashwantrao Chavan Warana Mahavidyalaya, Warananagar, 28th Jan. 2017</p> <p>9. National Conference on Recent Trends in Physical, Chemical and Nanosciences-2017 Department of Physics and Chemistry, Lal Bahadur Shastri College of Arts, Science and Commerce, Satara, 23rd Jan., 2017</p> <p>10. International Conference on Plant</p>
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		<p>Research and Resource Management, organized by Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (MS) India, 11-13th Feb. 2016.</p> <p>11. National Conference on Life Sciences: An Outlook and Challenges (NC-LSOC-2014) Organised by Dahiwadi College Dahiwadi on 12 and 13 Sept. 2014.</p> <p>12. National Conference on Recent Trends in Plant Sciences, its Future Prospectus and Biodiversity Conservation, Yashwantrao College of Science, Karad, 29-30 Nov. 2013.</p> <p>13. National Conference of Plant Physiology organized by Directorate of Groundnut Research, Junagadh, Gujarat, India, 13-16 Dec.2013.</p> <p>14. A National Conference on Frontiers in Chemical and Biological Sciences organized by PDVP Mahavidyalaya, Tasgaon, 23-24 Sept.2013.</p> <p>15. State Level Seminar on Recent Innovative Trends in Plant Sciences organized by Mahatma Phule A.S.C. College, Panvel, 1 Sept. 2012.</p> <p>16. National Conference on Recent Trends in Plant Sciences organized by Anekant Education Societies Tuljaram Chaturchand College, Baramati, 3-5 Feb. 2012.</p> <p>17. National Seminar on Sustainable Crop Productivity Through Physiological Interventions organized by RamnarainRuia College, Matunga, Mumbai, 24-26 Nov.2011.</p>
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19.	Publications: Book	<p>1. A Handbook of Practical Botany, B. Sc. I, As per Revised Syllabus of Shivaji University, Kolhapur, ABS Publication, Varanasi. Year: June 2018, ISBN No. 978-93-86077-84-4</p> <p>2. A Handbook of Practical Botany for B. Sc. II, As per Revised Syllabus of Shivaji University, Kolhapur, Tejas Publication,</p>

		<p>Kolhapur. Year: June 2019, ISBN No. 978-81-908298-6-1</p> <p>3. Training Manual on Mushroom Cultivation 2019</p>
20.	Publications: Research Papers	<ol style="list-style-type: none"> 1. Acetyl Salicylic Acid Mediated Ion Accumulation in Groundnut (<i>Arachis hypogaea</i> L.). Jadhav Sunita H., International Journal of Research and Analytical Reviews, 148-150, 2019 2. Effect of Foliar Acetyl Salicylic Acid Application on Total Nitrogen and Soluble Nitrogen Fractions of Groundnut. S. H. Jadhav, Arhat Multidisciplinary International Education Research Journal, VII: 237-240, 2018. 3. Effect of Sulfosalicylic Acid on Fatty Acid Composition of Groundnut Seeds. Sunita H. Jadhav, International Journal of Researches in Biosciences, Agriculture and Technology, V(3): 66-68, Nov. 2017. 4. Acetyl salicylic acid mediated induction of PR-proteins in groundnut. Jadhav. Sunita H. and Bhamburdekar S. B., International Journal of Pharm and Biosciences, 6(1): (B) 1300 – 1304, 2015 5. Effect of Acetyl Salicylic acid on Fatty Acid Composition of Groundnut (<i>Arachishypogaea</i> L.) seeds. Sunita Hariram Jadhav, Sharad Baburao Bhamburdekar, World Journal of Pharmacy and Pharmaceutical Science, 3 (2): 1968-1975, 2014 6. Influence of Salicylic Acid and Its Derivatives on Physiological Aspects of Groundnut (<i>Arachishypogaea</i> L.). Sunita H. Jadhav and S. B. Bhamburdekar, Bioinfolet, 10 (1A): 102-104, 2013. Print ISSN 0973-1431. Online ISSN 0976-4775, IF 0.068, NAAS Rating 4.2 7. Effect of Acetyl Salicylic Acid on Growth and

		<p>Biochemical Attributes of <i>Arachis hypogaea</i> L. Jadhav S. H. and Bhamburdekar S. B., <i>Proceedings of State Level Seminar, Recent Innovative Trends in Plant Sciences</i>, Mahatma Phule A.S.C. College, Panvel, 2012.</p> <p>8. Physiological Studies of <i>Arachis hypogaea</i> L. under the Influence of Sulfosalicylic Acid. Jadhav S. H. and Bhamburdekar S. B., <i>International Journal of Applied Biology and Pharmaceutical Technology</i>, 3 (4): 389-393, 2012</p> <p>9. Interactive Effect of Boron and NaCl on Germination Performance in Soybean. Patil D. B., Jadhav S. H. and Bhamburdekar S. B., <i>International Journal of Applied Biology and Pharmaceutical Technology</i>, 3(4): 366-368, 2011.</p> <p>10. Effect of Salicylic Acid on Germination Performance in Groundnut. S. H. Jadhav and S. B. Bhamburdekar, <i>International Journal of Applied Biology and Pharmaceutical Technology</i>, 2(4): 224-227, 2011.</p> <p>11. A Note on Some Grasses of Mahadeo Hill Ranges from Sangli District of Maharashtra State. S. H. Jadhav and C. B. Salunkhe, <i>Bioinfolet</i> 8(1): 110-112, 2011.</p> <p>12. Screening of Groundnut Cultivars for Tolerance to Aluminium Toxicity. S. B. Bhamburdekar, Jadhav Sunita and Shinde M. R., <i>Bioscan</i> (An International Journal of Plant Sciences) 6(1): 51-53, 2011.</p> <p>13. Biochemical Studies on Some Wetland Species of Kolhapur. Sunita Jadhav, Babu Sonar, P. D. Chavan and S. B. Bhamburdekar, <i>Bioinfolet</i> 8(2): 196-197, 2011.</p> <p>14. Influence of Salicylic Acid on Ion</p>
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		<p>Accumulation in Groundnut (<i>Arachis hypogaea</i> L.) Cv. SB-1 1 and W-44. <i>Advances in Plant Sciences</i> (An International Journal). S. H. Jadhav and S. B. Bhamburdekar, 23(II): 489-491, 2010.</p> <p>15. Effect of Exogenous Application of Salicylic Acid on Nitrate Reductase, Catalase and Peroxidase Activities in Groundnut. S. H. Jadhav and S. B. Bhamburdekar, <i>Bioinfolet</i> 5 (3): 277-279, 2008.</p> <p>16. Effect of Salicylic Acid on Fatty Acid Composition of Groundnut Seeds. Jadhav S. H., S. B. Bhambudekar and D. B. Patil, Proceedings Book of National Conference of Plant Physiology-2013on "Current Trends in Plant Biology Research", 740-741, Decm. 2013.</p> <p>17. Effect of Foliar Application of Micronutrients on the Keeping Quality of Mango (<i>Mangifera indica</i> L.) Alphonso. Joshi A. R., Jadhav S. H., Bhamburdekar S. B., Proceedings Book of National Conference of Plant Physiology-2013on "Current Trends in Plant Biology Research", 636-637, Decm. 2013.</p> <p>18. Combined Effect of Zn and NaCl on Germination Performance of Soybean (<i>Glycine max</i> L. Merrill)", Patil, D. B., S. B. Bhambudekar, S. H. Jadhav and P. V. Gaikwad, Proceedings Book of National Conference of Plant Physiology-2013on "Current Trends in Plant Biology Research", 638-639, Decm. 2013.</p> <p>19. Effect of Aluminium on the Germination of Soybean (<i>Glycine max</i> L. Merrill), Lavand S. S., Rasal M. B. Mane P. R., Mulla S. R., Jadhav A. A., Jadhav S. H. and Bhamburdekar, S. B., National Conference on Recent Trends in Plant Sciences, its Future Prospectus and</p>
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		Biodiversity Conservation, Yashwantrao College of Science, Karad, Nov. 2013.
21.	Invited Talk	<p>AS INVITED TALKS/ GUEST LECTURES AT COLLEGES/SCHOOLS</p> <ol style="list-style-type: none"> 1. As a Resource Person delivered lecture on 'Signal Transduction' For M. Sc. I and II Botany students at Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon on 8th Feb. 2020. 2. Delivered Guest Lecture on 'Signal Transduction' For M. Sc. I Botany students at Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon on 20th March 2019. 3. Resource Person for the 'Plastic Awareness Programme Celebration', delivered speech on 'Plastic Pollution Awareness' at Chhatrapati Sambhaji Vidyalaya, Shivnagar on 17th July 2018. 4. Invited as a Resource person for the World Biofuel Day Celebration Event, The Ministry of Petroleum and Natural Gas in association with National Yuva Co-operative Society Ltd. And oil industries organizing world Biofuel Day celebrating event at Yashwantrao Chavan Smruti Sadan, Karad, Conducted session on 'Biodiesel: Better Tomorrow' for students and Farmers, 13th August 2017. 5. Delivered speech on 'Citation Analysis' to the faculty members of Krishna Mahavidyalaya, Rethare Bk., organized by the Staff Academy, Krishna Mahavidyalaya Rethare Bk., on 9th Decem. 2015. 6. Delivered a lecture on 'Tissue Culture' to the students of course work 'Lokvikas Kendra Antargat, AushadhiVanaspati Certificate Course', Swarup Thorat Seva Sanstha Tasgaon (Lok-vikas Kendra, Shivaji University, Kolhapur on 19th Jan. 2014 7. Given informative talk to Xth students on the 'Science and Technology' at Guruvarya Dadoji Kondadev Sainiki Shala, Tasgaon dated 5 Oct and 10 Oct. 2013.

		<p>8. Delivered a speech on the 'Control and co-ordination in organisms' to the students of Xth standard at Chh. Sambhaji Vidyalaya, Shivnagar dated 14 Oct. 2013.</p> <p>9. Given talk on "Sugarcane Agriculture" for the B. Sc. Students of Rajarambapu Sugar Technology, Islampur, Dist. Sangli, March 2012.</p> <p>10. Delivered a speech on "Role of Physiology in Agriculture" for B. Sc. Students at Krishna College of Agriculture, Rethare Bk., Dist. Satara, Sept. 2011.</p>
22.	Conference/Seminars/Workshops/Exhibitions organised	<p>Exhibition/Quiz:</p> <ol style="list-style-type: none"> 1. Quiz Contest on Bioscience on 25th Feb. 2020. 2. Poster Exhibition on the theme 'Woman in Science' on 28th Feb. 2020. 3. Exhibition on the theme 'Solid waste management' organized in the Department of Botany on the occasion of National Science Day on 28th Feb. 2019 4. Poster Presentation Competition on 28th Feb. 2017 <p>Workshops:</p> <ol style="list-style-type: none"> 1. 'Rasagrahan' Karyashala, 6th March 2020 2. Workshop on 'Hypnatism: A Useful Science' 23rd August 2019 3. Workshop on 'Intellectual Property Rights and Digital Rights Management' on 23rd September 2019 4. Workshop on 'Patent Filing and Registration' on 25th August 2018 5. Workshop on Drawing and Sketching Skill' on 9th Feb. 2018 6. Workshop on 'Scope in Mushroom Farming' on 25th February 2019 7. Workshop on 'Food Processing and Preservation' on 3rd January 2020 8. Skill Development Programme 'Beauty Culture and Hair Dressing Sector' in association with Rajmata Jijau Mahila Bahu-uddeshiya Foundation, Satara, 02nd Nov. 2018 9. 'Flower Arrangement and Value Added Products of Silk Worm Cocoon' on 14th

		February 2017
23.	Projects	----
24.	Student Supervision	----
25.	Other Contribution	<ol style="list-style-type: none"> 1. Invited as a Chief Guest for Inauguration ceremony of 'Science Exhibition' organised on the occasion of Birth Anniversary of Late Hon. Jayawantraoji Bhosale at Chh. Sambhaji Vidyalaya, Shivnagar on 12 th Decm. 2019. On this occasion as a chief guest addressed to the students on 'Importance of Science Exhibition in Schools' 2. Appointed as a team leader for the participation of B.Sc. students in 'SPECTRUM 2K15' on the occasion of 'National Science Day-2015' organized by 'Dr. Daulatrao Aher College of Engineering, Karad' held on 28 Feb. 2015 (Miss Mulla S. R., B.Sc. III student won second prize for the power point presentation on 'Nanotechnology') 3. Given guidance to B.Sc. students for participation in National Level Competitions in Biosciences, 'BIOCOMP-2015' organised by Department of Microbiology, Shivaji University, Kolhapur, 30 Jan 2015. 4. Given guidance to B.Sc. students for presenting and publishing paper in Conference. 'Effect of Aluminium on the Germination of Soybean (<i>Glycinemax</i> L. Merrill)' presented by Lavand S. S.,Rasal M. B., Mane P. R.,Mulla S. R., Jadhav A. A. Jadhav S. H. and Bhamburdekar, S. B. at National Conference on Recent Trends in Plant Sciences, its Future Prospectus and Biodiversity Conservation, Yashwantrao College of Science, Karad on 29-30 Nov18. 2013. (Published in proceeding) 5. Worked as mentor for the participation of students in Poster Presentation Workshop organized by 'Lokvikas Kendra, Shivaji University, Kolhapur. 6. Worked as a Mentor/Team leader for the

		<p>participation of students in Nisarg Workshop on the occasion of 6th Vardhapan Day of Sahyadri Tiger Reserved Area Organized by Sahyadri Vyagra Rakhiv Kshetra, Kolhapur, 5th January 2016.</p> <p>14 students of B. Sc. I, II and III class have been participated</p> <p>7. Under my guidance, B. Sc. II student Pathan Ramjan Balekhan, presented poster on 'Biodiesel: Better Tomarrow' in District level Research Project Competition Avishkar-2015-16 held at Balasaheb Desai College, Patan, 15th Decm. 2015</p>
26.	Consultancy	----
27.	Curricular/Co-curricular activities	<ul style="list-style-type: none"> • Worked as Examiner for B.Sc. I, II and III Practical Examinations • Worked as External/Internal Senior Examiner for Shivaji University Examinations • Worked as Junior Supervisor for University Examination