

## **BIO-DATA**

**Name in Full** : **Dr. Pawar Sunil Ganapatrao**  
M.Sc. M.Phil. Ph.D.

**Address – Correspondence** : Flat No. 303, Shivaraj Residency, Bharat Colony, Behind Kakade City, Karve Nagar, Pune-52.

**Permanent Address** : Flat No. 303, Shivaraj Residency, Bharat Colony, Behind Kakade City, Karve Nagar, Pune-52.

**E-mail I.D.** : [sgpymc@gmail.com](mailto:sgpymc@gmail.com)

**Mobile No.** : 9881798117

**Date of Birth** : 01<sup>st</sup> June 1965

**Nationality** : Indian

**Religion and cast** : Hindu-Maratha

**Place of Working** : Department of Botany, Yashwantrao Mohite College, Bharati Vidyapeeth Deemed University, Pune-38.



### **Educational Qualification:**

<b>Exam Passed / Degree</b>	<b>University / Board</b>	<b>Year</b>	<b>Percentage / Class</b>
S.S.C.	Pune Board	March 1981	72.29% (1 <sup>st</sup> Class)
B.Sc. (Botany)	Shivaji University, Kolhapur	April 1986	60.17% (1 <sup>st</sup> Class)
M.Sc. (Botany- Plant Physiology)	Shivaji University, Kolhapur	April 1988	60.00% (1 <sup>st</sup> Class)
M.Phil. (Botany-Physiological effects of antitranspirants on water stressed crop Plants Sorghum and Groundnut)	Shivaji University, Kolhapur	Feb. 1990	‘A’ Grade
Ph.D. (Botany-Physiological effects of Antitranspirants and long chain fatty Alcohols on water stressed crop plant Sorghum)	Shivaji University, Kolhapur	27 <sup>th</sup> Aug. 2003	----

1.	<b>Title of M.Phil.</b>	Physiological Effects of Antitranspirants on Water Stressed Crop Plants <b>Sorghum</b> and <b>Groundnut</b> .																				
2	<b>Title of Ph.D. Thesis</b>	Physiological Effects of Antitranspirants and Long Chain Fatty Alcohols on Water Stressed Crop Plant <b>Sorghum</b>																				
3	<b>Recognition as a P.G.</b>	From 6 <sup>th</sup> Feb 01 in Botany Lecturer																				
4	<b>Teaching Experience</b>	30 Years - 01/09/1990 to till date Associate professor (From 1 <sup>st</sup> Jan 2006 onwards) Department of Botany. Y.M. College, Pune-38																				
5	<b>Extra-Curricular Activities</b>	<table border="1"> <tr> <td>1</td> <td>Research guide (Ph.D. and M.Phil) In Botany.</td> </tr> <tr> <td>2</td> <td>N.S.S. Program Officer, Y.M. College, Pune-38.</td> </tr> <tr> <td>3</td> <td>Former Rector, Bharati Vidyapeeth, New Boys Hostel, Erandwane, Pune-38.</td> </tr> <tr> <td>4</td> <td>Former Chairman of BOS in life Sciences, Bharati Vidyapeeth Deemed to be University, Pune-38.</td> </tr> <tr> <td>5</td> <td>Former Faculty member of Science faculty, Bharati Vidyapeeth Deemed to be University, Pune- 38.</td> </tr> <tr> <td>6</td> <td>Member of BOS of Biotechnology, Solapur University, Solapur (2008 – 2009)</td> </tr> <tr> <td>7</td> <td>Former Member of BOS of Botany, Solapur University, Solapur.</td> </tr> <tr> <td>8</td> <td>Member of Academic Council From April 2016 to till date Bharati Vidyapeeth Deemed to be University, Pune-38.</td> </tr> <tr> <td>9</td> <td>Life Member of Aerobiological Society of India.</td> </tr> <tr> <td>10</td> <td>Nominated as a “<b>Dean of the faculty of Science</b>” for a period of two years with effect from 11/06/2021 of Bharati Vidyapeeth Deemed to be University, Pune-38.</td> </tr> </table>	1	Research guide (Ph.D. and M.Phil) In Botany.	2	N.S.S. Program Officer, Y.M. College, Pune-38.	3	Former Rector, Bharati Vidyapeeth, New Boys Hostel, Erandwane, Pune-38.	4	Former Chairman of BOS in life Sciences, Bharati Vidyapeeth Deemed to be University, Pune-38.	5	Former Faculty member of Science faculty, Bharati Vidyapeeth Deemed to be University, Pune- 38.	6	Member of BOS of Biotechnology, Solapur University, Solapur (2008 – 2009)	7	Former Member of BOS of Botany, Solapur University, Solapur.	8	Member of Academic Council From April 2016 to till date Bharati Vidyapeeth Deemed to be University, Pune-38.	9	Life Member of Aerobiological Society of India.	10	Nominated as a “ <b>Dean of the faculty of Science</b> ” for a period of two years with effect from 11/06/2021 of Bharati Vidyapeeth Deemed to be University, Pune-38.
1	Research guide (Ph.D. and M.Phil) In Botany.																					
2	N.S.S. Program Officer, Y.M. College, Pune-38.																					
3	Former Rector, Bharati Vidyapeeth, New Boys Hostel, Erandwane, Pune-38.																					
4	Former Chairman of BOS in life Sciences, Bharati Vidyapeeth Deemed to be University, Pune-38.																					
5	Former Faculty member of Science faculty, Bharati Vidyapeeth Deemed to be University, Pune- 38.																					
6	Member of BOS of Biotechnology, Solapur University, Solapur (2008 – 2009)																					
7	Former Member of BOS of Botany, Solapur University, Solapur.																					
8	Member of Academic Council From April 2016 to till date Bharati Vidyapeeth Deemed to be University, Pune-38.																					
9	Life Member of Aerobiological Society of India.																					
10	Nominated as a “ <b>Dean of the faculty of Science</b> ” for a period of two years with effect from 11/06/2021 of Bharati Vidyapeeth Deemed to be University, Pune-38.																					

### SEMINARS/CONFERENCES/WORKSHOPS ATTENDED

No	Seminars / Conferences	Organized By
1.	National Seminar on “Environmental Protection”	Organized by Bharati Vidyapeeth’s A.S.C. College, Sangli, (Maharashtra) On 27 <sup>th</sup> -29 <sup>th</sup> Nov.1992
2.	One day Seminar on “Career Opportunities to Botanists.”	Organized by Dept. of Botany, University of Pune on 4 <sup>th</sup> Feb. 1996
3.	National Conference on “Impact of Airborne microbes.”	Organized by Y.M. College, Pune, During 7 <sup>th</sup> - 9 <sup>th</sup> March 1996
4.	17 <sup>th</sup> National Conference of “Reproductive Biology & Comparative Endocrinology.”	Held at Surat (Gujrat) on 24 <sup>th</sup> to 26 <sup>th</sup> Jan 1999
5.	Seminar on “Vesantukti Sandesh Yatra” Maharashtra	Held at Pune, Shanivarwada on 2 <sup>nd</sup> Oct.1999
6.	Seminar on “Impact of Pollution on Biosphere”	Organized by Bharati Vidyapeeth Deemed University, Y.M. College, Pune. On 11 <sup>th</sup> and 12 <sup>th</sup> Feb. 2000
7.	Seminar on “Plant Resource Development.”	Organized by Dr. B.A.M. University, Aurangabad on 9 <sup>th</sup> Dec. 2000

8.	Campaign on University Research and Training.	Organized by Shivaji University, Kolhapur, On 11 <sup>th</sup> March 2001
9.	Campaign on University Research and Training.	Organized by Shivaji University, Kolhapur on 10 <sup>th</sup> and 11 <sup>th</sup> March 2002.
10.	National Seminar on current trends in plant science	Organized by Department of Botany, University of Pune, Pune-07 26 <sup>th</sup> to 28 <sup>th</sup> March 2002
11.	National seminar on Ethnobotany, "Role In Conservation of Plant Science, Strategy of India	Organized by Botany Group, Division of And Sacred Groves: MACS- Agharkar Research Institute, Pune on 17-19 April 2002
12.	Seminar on "Recent trends in Bioinformatics"	Organized by B.V.D.U. Yashwantrao Mohite College, Pune-38 on 1 <sup>st</sup> Oct 2002
13.	5 <sup>th</sup> National Conference on Indian Academy of Allergy and Applied Aerobiology."	Held at B.V.D.U., Y.M. College, Pune-38 on 28 <sup>th</sup> to 30 <sup>th</sup> Nov. 2002
14.	Seminar on "Materials for energy Conversion	Organized by B.V.D.U., Y.M. College on 20 <sup>th</sup> September 2003.
15.	Recent experimental techniques in science	Organized by Y.M. College Pune-38, on 27 <sup>th</sup> August 05
16.	One day Seminar on Biodiversity Perspective and Challenges in 21 <sup>st</sup> Century	Held at B.V.D.U. Y.M. College, Pune-38 on 11 <sup>th</sup> September 2006
17.	One day seminar on "Rashtriya Gramin Rojgar Hami Adhiniyam 2005"	Organised by" Vibhagiy ayukt ayojit, Pune division, Pune. on 2 <sup>nd</sup> October 08
18.	One day workshop on "Bio-diversity Conservation and Management"	Organized by Maharashtra Academy of Sciences at NCL. Pune on 23 <sup>rd</sup> Oct.2008
19.	One day seminar on Consortium of Industry and Academia in Biotechnology- "Biotechnology - A need of the hour."	Held at Rajiv Gandhi Institute of Information Technology at Katraj, Pune. On 22 <sup>nd</sup> December 2008
20.	International Conference on Biodiversity and its Conservation	Modern college, Shivaji Nagar Pune 28 <sup>th</sup> to 30 <sup>th</sup> January 2011.
21.	National conference on "Recent Trends in Life Sciences with Special Reference to Animal Physiology, Biotechnology & Biodiversity"	Organized by S.G.M. college Karad, Satara (Maharashtra) held on 19 <sup>th</sup> to 20 <sup>th</sup> Oct. 2011
22.	International conference on Prospectives of Computer confluence with Sciences.	Organized by Nowrojee Wadia College, Pune held on 10 <sup>th</sup> to 12 <sup>th</sup> Dec., 2012.
23.	17 <sup>th</sup> National Conference of Indian Aerobiological Society Pune on Impact of Airborne Microbes & presented a Research paper by oral presentation.	Organized by MAEER's Art's, Commerce & Science College, Pune & Maharashtra Institute of Pharmacy, Pune. held on 13 <sup>th</sup> to 15 <sup>th</sup> Dec. 2012.

24.	U.G.C. Sponsored National Seminar as a convener on “Recent trends in Life Sciences”	Organized by Department of Botany B.V.D.U, Yashwantrao Mohite college Pune, 38 held on 21 <sup>st</sup> and 22 <sup>nd</sup> Dec. 2012.
25.	UGC sponsored National Seminar on ‘Future prospectus of Bioscience’.	Organized by Department of Botany B.V.D.U, Yashwantrao Mohite college Pune, 38 held on 17 <sup>th</sup> and 18 <sup>th</sup> January 2014.
26.	National Conference on Innovative ideas and research in life sciences for sustainable development	Organized by Department of Zoology, Nowrosjee Wadia College of Arts and Science, 16 <sup>th</sup> -17 <sup>th</sup> Jan.2015
27.	U.G.C. Sponsored State Level Seminar on Recent Advances in Life Sciences	Organized by Savitribai Phule Pune University and Department of Zoology, Bhartiya Jain Sanghatana’s Arts, Science and Commerce College, Wagholi, Pune- 412 207 held on 4 <sup>th</sup> & 5 <sup>th</sup> Feb. 2015.
28.	International Conference on Validation of Medicinal Plants and Traditional Medicine-Global Perspectives	Organized by Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University Nagpur, maharashtra held on 20 – 22 Feb. 2015.
29.	International Conference on Contemporary Research in Chemical and Life Sciences	Organized by Sadguru Gadage Maharaj College, Karad, Satara- 415 124 held on 22 <sup>nd</sup> & 23 <sup>rd</sup> April 2015.
30.	National Conference on Biodiversity, Climatic Change and Sustainable Development	Organized by Krantisinh Nana Patil College, Walwe- 416 313 held on 29 <sup>th</sup> & 30 <sup>th</sup> August 2015.
31.	National Conference on Advances in Biosciences and Environmental Sciences: Present and Future (ABES-2015)	Organized by Department of Zoology, B.P. Arts, S.M.A. Science and K.K.C. Commerce College, Chalisgaon, Jalgaon held on 22 <sup>nd</sup> & 23 <sup>rd</sup> Sept. 2015.
32.	National Conference on Impact of Aerosols on Health, Heritage and Environment (NCIAHHE-2015)	Organized by Tumkur University, Tumkuru, Karnataka, India, 28 <sup>th</sup> – 30 <sup>th</sup> Sept. 2015
33.	National Workshop on ‘Insights in Biology 2015’	Organized by National Chemical Laboratory, Pune held on 29 <sup>th</sup> Oct. 2015
34.	Symposium on Ethanopharmacology-Validation of Traditional Medicine	Organized by Bharati Vidyapeeth University-Poona College of Pharmacy. Orchid Hotel, Pune, 4 <sup>th</sup> January 2016
35.	National Seminar on Current Trends in Biodiversity Conservation and Climate Change	Organized by Department of Zoology, Yashwantrao Mohite College, Bharati Vidyapeeth University, Pune, 24 <sup>th</sup> -25 <sup>th</sup> Feb 2016.
36.	National Workshop on Recent Advances in Cell Biology and Molecular Biology	Organized by Department of Botany and Zoology, Sir Parashurambhau College, Pune.5th and 6th February, 2016
37.	National Conference on Climate Change: Assessment, Impact and its relevance to India.	Organized by Sir Parashurambhau College, Pune 30.4th -5th March 2016

38.	National Seminar on Human Rights	Organized by Yashwantrao Chavan Institute of Social Sciences Studies and Research, Bharati Vidyapeeth University, Pune. 12th January 2016
39.	International Science Congress on Digitalization in Research for Cultural, Commercial and Scientific Development.	Organized by Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Pune, Maharashtra, India. 8 <sup>th</sup> -9 <sup>th</sup> December 2016.
40.	National Workshop on Environmental Problems and Biodiversity	Organized by Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Government of India, New Delhi at Lal Bahadurshashtri College of Arts, Science and Commerce, Satara. 24 <sup>th</sup> and 25 <sup>th</sup> January 2017.
41.	National Training Programme on Marathi Terminology and Scientific Writing in Marathi of Zoology	Organized by Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Government of India, New Delhi at Lal Bahadurshashtri College of Arts, Science and Commerce, Satara. 24 <sup>th</sup> and 25 <sup>th</sup> January 2017.
42.	One Day National Conference on Emerging Trends and Classical in Life Sciences (ETCLS-2017).	Jointly organized by Department of Botany and Zoology, Yashwantrao Chavan Warana Mahavidyalaya, Warananagar. Maharashtra, India, 28 <sup>th</sup> January 2017.
43.	Innopharm2   2nd International Conference on Bridging Innovations in Pharma. Med. & Bio Sciences	Organized by Innovare Academic Sciences, Bhopal, M.P., India. 11 <sup>th</sup> -12 <sup>th</sup> Feb. 2017.
44.	State level Conference on Impact of Liberalization on Environment.	Organized by Hutatma Rajguru Mahavidyalaya, Pune, Maharashtra, India. 15 <sup>th</sup> -16 <sup>th</sup> Dec. 2017
45.	State level conference on Biodiversity: Protection, Preservation and Remediation-2017	PDEA's Baburaoji Gholap College, Sangavi, Pune, MH, India. 22 <sup>nd</sup> December 2017
46.	International Conference on Frontiers in Life Sciences and Earth Sciences.	Organized by Prof. Ramkrishna More Arts, Commerce and Science College, Akurdi, Pune, India. 18 <sup>th</sup> -19 <sup>th</sup> January 2018
47.	International Conference on Recent advances in Traditional Medicine, Medicinal Plants and Phytochemistry	Ahmednagar College, Ahmednagar- India. 8 <sup>th</sup> & 9 <sup>th</sup> February 2019
48.	3rd National Teachers Congress Leapfrogging to future Ready Higher Education	MIT College, Pune, India. 4 <sup>th</sup> , 5 <sup>th</sup> and 6 <sup>th</sup> January, 2019
49.	State Level Workshop in Collaboration with Microbiologist Society, India E-Learning Workshop	In Collaboration with Microbiologist Society, India E-Learning Workshop. Yashwantrao Mohite college of Arts, Science & Commerce Pune 1 <sup>st</sup> December 2018
50.	State Level Conference Innovative Teaching Pedagogy	Modern College of Arts, Science and Commerce, Ganesh Khind, Pune. 22 <sup>nd</sup> -23 <sup>rd</sup> February 2019

51.	State Level Workshop Online Grievance Redressal System Training workshop	Bharti Vidyapeeth Medical College Center for Health Management Studies and Research, Pune
52.	International Conference on Emerging Trends in Delivery of Phytoconstituents and Ethnopharmacology-Validation of Traditional Medicine-II	Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune, India in association with AICTE, Government of India and Society for Ethnopharmacology India- Pune Chapter, 29 <sup>th</sup> & 30 <sup>th</sup> November 2019
53.	International Conference on Recent advances in Traditional Medicine, Medicinal Plants and Phytochemistry	Yashwantrao Chavan Institute of Science, Satara 2nd and 3rd February 2020
54.	National Conference on, Interdisciplinary Approaches in Life Sciences (NCIALS-2020) Sponsored by RUSA	Department of Zoology and Department of Biotechnology, Yashwantrao Chavan Institute of Science, Satara (Autonomous), (MS) India. 2nd and 3rd February 2020
55.	National Webinar Intellectual Property Rights (IPRS)	organized by Shri. Kisanrao Khobragade Edu. Society Armori, Dist- Gadchiroli's Yashwantrao Chawhan Arts, Commerce & Science College Lakhandur Distt. Bhandara (M.S.) and Microbiologists Society, India (Reg.No. MAH/4814/SAT) and Mahila Vikas Sanstha, Wardha's Arts & Science College, Pulgaon, Dist. Wardha (M.S.). 28th January, 2020
56.	State Level Conference Current Status of River Water in Pune with reference to Pollution, Management and Restoration	Organized by Department of Environmental Science, P.G.K.M's Haribhai V. Desai College (Arts, Science and Commerce), Pune-02 sponsored by Savitribai Phule Pune University, Pune (Under Quality Improvement Programme) 3rd-4th February 2020
57.	State Level Seminar Concepts, Tools and Techniques in Ecology and Behavioral Research (CTTEBR, 2020)	Organized by Department of Zoology S.P. College. Pune (Autonomous) sponsored by MHRD under the scheme "Rashtriya Uchchatar Shiksha Abhiyan" 11th - 12th February 2020

## **PUBLICATIONS**

1. Studies on Biodiversity of newly reported sacred groves (Devrais) From Pune District; E.A.Singh, S.Y.Kambale, T.N.More, S.R.Patil, **S.G.Pawar**; Recent advances in plant Microbial & Environmental Biotechnology; *Published in national conference* (2003) pp181-192.
2. Plant used by tribes of Northwest region of Maharashtra for the treatment of gastro intestinal disorders; S.Y. Kambale, T.N.More S.R.Patil, **S.G. Pawar**, Ram Bindurani, S.L.Bodhankar ; *International Journal of Traditional Knowledge*; Vol.7 (2) 2008, pp 321-325.

3. Ethnobotany of Thakar tribe of Maharashtra; S.Y.Kambale ,T.N.More S.R.Patil, **S.G.Pawar**; *International Journal of Economic And Taxonomic Botany*; Vol.33 (Suppl.), 2009, 95-122. Press, Jodhpur ISSN-2050-9768.
4. Studies on plant used in traditional medicine by Bhilla tribe of Maharashtra., Kamble S.Y., Patil S.R., **Pawar S.G.**, Singh E.A., Sawant P.S., *Indian Journal of Traditional Knowledge.*, 9 (3), July 2010.
5. Preliminary survey of other aerobiocomponents at Pune Maharashtra, India; **S.G.Pawar** and A.C.Ingole ; *International Journal of Life sciences*; Special Issue A1, 29-30 Nov. 2013. 78-80, ISSN:2320-7817
6. Effect of antitranspirants on the germinating seeds of *Sorghum vulgare* L., **Pawar S.G.**, Pawar S. S., Kamble V. M., *Asian Journal of Multidisciplinary Studies* ; Volume 2, Issue 9, Pp 174-177, September 2014.
7. Noteworthy Ethnomedicinal plants used by the tribes of Maharashtra., **Pawar S. G.**, E.A.Singh, Kamble S.Y., Sawant P. S., Patil S. R., *Journal of Economic and Taxonomic Botany*, Volume 38, No. 2, Pp 254-260, September 2014.
8. Influence of HICO-110R on water relations, photosynthetic pigments, stomatal regulation and yield of groundnut under water stress condition. **Pawar S. G.**, Pawar S. S., Kamble V. M., *International Journal of Multifaceted and Multilingual Studies*; Volume-1, Issue-3, December 2014. Pp. 69-73.
9. Traditional herbal remedies practiced by the herbal healers in the tribal regions of Maharashtra-India, **Pawar S. G.**, E.A.Singh , Kamble S.Y., Sawant P.S., Patil S.R. *International Journal of Life Sciences*, Vol. 2 (4): 334-340, December 2014.
10. Evaluation of chlorophyll content and chlorophyll stability index of some anti-allergenic medicinal plants. **Pawar S. G.**, Kamble V.M., *Asian Journal of Multidisciplinary Studies*, Volume 3, Issue 1, Pp 17-20, January 2015.
11. Biochemical Analysis of Primary metabolites from some selected Medicinal Plants. **Pawar S.G.**, Kamble V. M., *Proceeding of Seminar on Recent Advances in Life Sciences*, 65 – 70, 2015.
12. Quantitative Assessment of Mineral Composition of *Aloe vera* (L.) Burm.f. leaves by ICP-MS and CHNS Analyzer. **Pawar S. G.**, Kamble V. M., *International Journal of Science and Research*; 4 (10), 1372 – 1376, 2015.

13. Diversity of bioactive components of *Cullen corylifolium* (L.) Medik. **Pawar S.G.**, Pawar S.S., Kamble V.M., *Proceeding of National Conference on Biodiversity, Climatic Change and Sustainable Development*, 328-334., 2015.
14. Biodiversity of mite fauna in the intramural environment of rat house at Pune., Pawar S.S., **Pawar S.G.**, Deokar T.G., Jadhav M.G., *International Journal of Life Sciences*, Special Issue A3, Pp: 11-17., Sept-2015.
15. Impact of Climate Change on Intramural Aerobiodiversity in the Bharati Printing Press at Pune (MS), India, Jogdand S. B, **Pawar S. G.**, Kamble V.M., *Asian Journal of Multidisciplinary studies* 4 (3), 53-60, 2016.
16. New Findings of Traditional Medicinal uses of Plants from Bhimashankar and Mulshi Areas of Pune, District, Maharashtra. Kamble S. Y., **S. G. Pawar**, E.A.Singh, P.S. Sawant, S. R. Patil, *Asian Journal of Multidisciplinary Studies*, 4 (3), 92-98, 2016.
17. Diversity of Bioactive Components of *Achyranthes aspera* Linn leaves. **Pawar S.G.**, Kamble V. M., *Asian Journal of Multidisciplinary Studies*; 4 (3), 49-52, 2016.
18. Preliminary Phytochemical Investigations of Three Species of Traditional Medicinal Plants of Tribal Regions of Maharashtra (India), **Pawar S.G.**, Kamble S.Y., Patil S.R., Sawant P.S., Singh E.A., *International Journal of Pharmacognosy and Phytochemical Research*, Pp: 742-745, May 2016.
19. Quantitative Evaluation of Plant Diversity from Newly reported Sacred Groves (Devrais) in Pune District (Maharashtra)., **Pawar S.G.**, Pawar S.S., Kamble V.M., Kamble S.Y., Singh E.A., *Asian Journal of Multidisciplinary Studies*; Vol.4, Issue 10, September 2016
20. Elemental Analysis of Anti-Allergenic Indigenous Plants and their Possible Correlation with Therapeutic Activity, **Pawar S. G.**, Kamble V.M., *International Journal of Pharmaceutical and Clinical Research*, 2016; 8(9): 1290-1295.
21. Characterization of *Eclipta prostrata* (L.) L. Leaves by FTIR spectroscopy method, CHNS and ICP-MS analysis techniques., Kamble V.M, **Pawar S.G.**, *International Research Journal of Biological Sciences.*, 2017;6(2):30-35.
22. Phytochemical screening, elemental and functional group analysis of *Vitex negundo* L. leaves., Kamble V.M, Pawar S.G., *International Research Journal of Pharmacy and Pharmaceutical Sciences.*, 2017; 9(6):226-230.



23. A Review and Preliminary Phytochemical Screening of *Tridax procumbens* L. As Important Medicinal Plants, **Dr. S. G. Pawar** and Patil A. M., published paper in International Journal of Scientific Research, 2017; Vol.-6 (11): 205-206.
24. Preliminary Phytochemical Screening of Some Important Medicinal Plants, Patil A. M., G. G. Potdar, **S. G. Pawar** and S. R. Patil, published paper in Indian Journal of Applied Research, An International Journal, 2018; Vol.-8 (4): 28-30.
25. Biochemical Investigation, Quantitative Estimation and Antioxidant Activity of *Tridax Procumbens* L., Patil A. M. and **Dr. S. G. Pawar**, published paper in Journal of Emerging Technologies and Innovative Research, 2018, Vol.-5 (07): 712-717.
26. Hydrothermal method for Synthesis of different Nanostructure Metal Oxide thin film, S. D. Vavale, **S. G. Pawar**, D. H. Deshmukh, H. P. Deshmukh, International Journal of Innovative Knowledge Concepts, 2018 , Vol.-6 (11): 126-129.
27. Studies on quantitative estimation and antioxidant activity of *Tridax Procumbens* L., **S. G. Pawar** and Patil A. M. Published paper in International Journal of Innovative Knowledge Concepts, 2019, Vol.-7 (01): 193-196.
28. Comparative Studies on Phenolic, Flavonoids Content and Antioxidant Activity of *Tridax Procumbens* L., Patil A. M. and **S. G. Pawar**, published paper in International Journal of Research and Analytical Reviews, in International Conference on Advances in Pure and Applied Sciences, 2019 (ICAPAS-2019), Organized by Balwant College, Vita, Special Issue: 187-190. (ISSN No. 2349 – 5138, E-ISSN No. 2348 – 1269).
2. A review and preliminary phytochemical screening of *tridax procumbens* l. as important medicinal plant. International Journal of Scientific research. 2349-5138. Volume 7, Issue 01, 193-196.

**Research Papers Presented:**

No.	Title of the Paper	Seminar/Conference/Workshop
1.	<b>Influence of Antitranspirants On Stomatal Regulation and Photosynthetic Pigments in <i>Sorghum</i>, Var.M-35- 1 Under Water Stress Condition.</b> S.G.Pawar & T.M.Patil	Organized by Dept. of Botany, Dr. B.A.M. University Aurangabad. On 9 <sup>th</sup> Dec.2000.
2.	<b>Physiological Effects of an Antitranspirants on Water Stressed Crop Plants <i>Sorghum</i> and Groundnut.</b>	Organized by Dharwad University Karnataka on 5 <sup>th</sup> & 7 <sup>th</sup> Dec.2001

	<b>S.G.Pawar &amp; T.M.Patil</b>	
3.	<b>Survey of Aerobiopollutants (Pollen) In the Garbage Depot 5<sup>th</sup> National Conference of Indian Academy of Allergy, T.N. More, S.R.Patil, S.G.Pawar &amp; E.A. Singh</b>	Organized by Bharati Vidyapeeth Deemed University, Y.M. College, 38 On 28 <sup>th</sup> to 30 <sup>th</sup> Nov.2002
4.	<b>Allergenic Fungal Spores from Garbage Depot, 5<sup>th</sup> National Conference of Indian Academy of Allergy. T.N. More, S.T.Tilak S.R. Patil and S.G.Pawar</b>	Organized by Bharati Vidyapeeth Deemed University, Y.M.College, Pune-38.On 28 <sup>th</sup> to 30 <sup>th</sup> Nov. 2002
5.	<b>Studies on Biodiversity of newly reported sacred groves (Devrais) From Pune District; National Conference on Recent advances in plant Microbial &amp; Environmental Biotechnology E.A.Singh, S.Y.Kambale, T.N.More, S.R.Patil and S.G.Pawar.</b>	Organized by University of Pune, 2003.
6.	<b>Impact of Environment on off ending Allergens like House Dust Mites., National Conference on Environmental Biotechnology. S.G.Pawar, Jogdand S.B., Pawar S.S., Jadhav M.G., and Deokar T.G.</b>	Organized by Department of Zoology, Lal Bahadur Shastri College, Satara, Maharashtra., 29-30 <sup>th</sup> Dec 2014
7.	<b>Biochemical Analysis of Primary metabolites from some selected Medicinal Plants., State level Seminar S.G.Pawar and Kamble V.M.</b>	Organized by Department of Zoology, B.J.S. College, Wagholi, Pune. Feb 2015
8.	<b>Comparative study of photosynthetic pigments content in the leaves of some medicinally important plants of Pune District (MS). International Conference on Validation of Medicinal Plants and Traditional Medicines – Global Perspectives. S.G.Pawar and Kamble V.M.</b>	Organized by Department of Pharmaceutical Sciences, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Maharashtra, India., 20 <sup>th</sup> – 22 <sup>nd</sup> Feb 2015
9.	<b>Diversity of Bio-Components of <i>Cullen corylifolium</i> (L) Medik, National Conference on Biodiversity, Climatic Change and Sustainable Development, S.G.Pawar, Pawar S.S. and Kamble V.M.</b>	Organized by Krantisinh Nana Patil College, Walwe, Sangli, 29 <sup>th</sup> -30 <sup>th</sup> Aug. 2015
10.	<b>Biodiversity of Mite Fauna in the Intramural Environment of Rat House at Pune., National Conference on Advances in Biosciences and Environmental Science: Present and Future (ABES-2015), S.G.Pawar, Jogdand S.B., Pawar S.S., Jadhav M.G., and Deokar T.G.</b>	Organized by B.P. Arts, S.M.A. Science and K.K.C. Commerce College, Chalisgaon, Jalgaon, 22 <sup>nd</sup> and 23 <sup>rd</sup> Sept. 2015.

11.	<b>Intramural Aerobiodiversity in the Bharati Printing Press at Pune.</b> , National Conference on Impact of Aerosols on Health, Heritage and Environment (NCIAHHE-2015) <b>S.G.Pawar</b> , Jogdand S.B. and Kamble V.M.	Organized by Tumkur University, Tumkuru, Karnataka, India, 28 <sup>th</sup> – 30 <sup>th</sup> Sept. 2015
12.	<b>Phytochemical Screening of <i>Vitex negundo</i> L. Leaves by using various Extracts.</b> , Symposium on Ethanopharmacology-Validation of Traditional Medicine, <b>S.G.Pawar</b> and Kamble V.M.	Organized by Bharati Vidyapeeth University- Poona College of Pharmacy., 4 <sup>th</sup> January 2016
13.	<b>Preliminary Phytochemical Investigations of Three Species of Traditional Medicinal Plants of Tribal Regions of Maharashtra</b> , Symposium on Ethanopharmacology- Validation of Traditional Medicine, Kamble S. Y., <b>S.G.Pawar</b> , E.A.Singh , P.S. Sawant and S. R. Patil.	Organized by Bharati Vidyapeeth University- Poona College of Pharmacy., 4 <sup>th</sup> January 2016
14.	<b>Diversity of Bioactive Components of <i>Achyranthes aspera</i> Linn leaves.</b> , National Seminar on Current Trends in Biodiversity Conservation and Climate Change. <b>S.G.Pawar</b> and Kamble V.M.	Organized by Department of Zoology, Yashwantrao Mohite College, Bharati Vidyapeeth University, Pune, 24 <sup>th</sup> -25 <sup>th</sup> Feb 2016.
15.	<b>Impact of Climate Change on Intramural Aerobiodiversity in the Bharati Printing Press at Pune (MS), India.</b> , National Seminar on Current Trends in Biodiversity Conservation and Climate Change. <b>S.G.Pawar</b> , Jogdand S.B. and Kamble V.M.	Organized by Department of Zoology, Yashwantrao Mohite College, Bharati Vidyapeeth University, Pune, 24 <sup>th</sup> -25 <sup>th</sup> Feb 2016.
16.	<b>Plant diversity at hilly desert area of Sangli District (Maharashtra)</b> , National Seminar on Current Trends in Biodiversity Conservation and Climate Change. <b>S.G.Pawar</b> , Patil A.M. and Kamble V.M.	Organized by Department of Zoology, Yashwantrao Mohite College, Bharati Vidyapeeth University, Pune, 24 <sup>th</sup> -25 <sup>th</sup> Feb 2016.
17.	<b>New Findings of Traditional Medicinal uses of Plants from Bhimashankar and Mulshi Areas of Pune, District, Maharashtra.</b> National Seminar on Current Trends in Biodiversity Conservation and Climate Change. Kamble S. Y., <b>S.G.Pawar</b> , E.A.Singh , P.S. Sawant and S. R. Patil	Organized by Department of Zoology, Yashwantrao Mohite College, Bharati Vidyapeeth University, Pune, 24 <sup>th</sup> -25 <sup>th</sup> Feb 2016.
18.	<b>Characterization of <i>Eclipta prostrata</i> (L.) L. Leaves by FTIR spectroscopy method, CHNS and ICP-MS analysis techniques.</b> International Science Congress on Digitalization in Research for Cultural, Commercial and Scientific Development. Kamble V.M. and <b>Pawar S.G.</b>	Organized by Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Pune, Maharashtra, India. 8 <sup>th</sup> -9 <sup>th</sup> December 2016.

19.	<p><b>Studies on Qualitative Phytochemical Analysis and FTIR Characterization of <i>Achyranthes aspera</i> L. Leaves.</b></p> <p>National Workshop on Environmental Problems and Biodiversity.</p> <p>Kamble V.M. and <b>Pawar S.G.</b></p>	<p>Organized by Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Government of India, New Delhi at Lal Bahadurshastri College of Arts, Science and Commerce, Satara. 24<sup>th</sup> and 25<sup>th</sup> January 2017.</p>
20.	<p><b>Quantitative Assessment of Mineral and Trace Elements in <i>Ocimum tenuiflorum</i> L. by ICP-MS.,</b></p> <p>One Day National Conference on Emerging Trends and Classics in Life Sciences (ETCLS-2017).</p> <p><b>Pawar S.G.,</b> Kamble V.M.</p>	<p>Jointly organized by Department of Botany and Zoology, Yashwantrao Chavan Warana Mahavidyalaya, Warananagar. Maharashtra, India, 28<sup>th</sup> January 2017.</p>
21.	<p><b>Estimation of Photosynthetic Pigments From Antiallergenic Plants and Their Possible Correlation with Therapeutic Activity.</b></p> <p>Innopharm2   2nd International Conference on Bridging Innovations in Pharma. Med. &amp; Bio Sciences, <b>Pawar S.G.,</b> Kamble V.M.</p>	<p>Organized by Innovare Academic Sciences, Bhopal, M.P., and India. 11<sup>th</sup>-12<sup>th</sup> Feb. 2017.</p>
22.	<p><b>Phytochemical Screening, Elemental and Functional Group Analysis of <i>Vitex negundo</i> L. Leaves.,</b> Innopharm2   2nd International Conference on Bridging Innovations in Pharma. Med. &amp; Bio Sciences, Kamble V.M. and <b>Pawar S.G.</b></p>	<p>Organized by Innovare Academic Sciences, Bhopal, M.P., India. 11<sup>th</sup>-12<sup>th</sup> Feb. 2017.</p>
23.	<p><b>Qualitative Phytochemical Analysis of <i>Adhatoda vasica</i> Nees. leaves extracts.</b></p> <p>State level Conference on Impact of Liberalization on Environment., Kamble V.M. and <b>Pawar S.G.</b></p>	<p>Organized by Hutatma Rajguru Mahavidyalaya, Pune, Maharashtra, India. 15<sup>th</sup>-16<sup>th</sup> Dec. 2017</p>
24.	<p><b>Assessment of Elemental Concentration from <i>Cymbopogon citratus</i> (DC.) Stapf. leaves by ICP-MS Technique.</b></p> <p>International Conference on Frontiers in Life Sciences and Earth Sciences., Kamble V.M. and <b>Pawar S.G.</b></p>	<p>Organized by Prof. Ramkrishna More Arts, Commerce and Science College, Akurdi, Pune, India. 18<sup>th</sup>-19<sup>th</sup> Jan. 2018</p>
25.	<p><b>Evaluation of Anticancer Activity of <i>Tridax Procumbens</i> L. Leaves Extract on MCF-7 and HOP-62 Cell Lines.</b></p> <p>Presented paper in International Conference on Emerging trends in delivery of phytoconstituents and Ethnopharmacology – Validation of Traditional Medicine - II. Patil A. M. and <b>S. G. Pawar</b></p>	<p>Organized by Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune on 29<sup>th</sup> and 30<sup>th</sup> November 2019.</p>
26.	<p><b>Effect of seasonal changes on the quantity of bioactive compounds in the leaves of the medicinal plants from pune, Maharashtra India.</b></p>	<p>Ahmednagar College, Ahmednagar-India 8th &amp; 9th February 2019</p>

	Presented in International Conference on Recent advances in Traditional Medicine, Medicinal Plants and Phytochemistry	
27.	<b>Evaluation of Seasonal Variations in the Phytochemical Composition of <i>Tridax procumbens</i> L. Leaves.</b> Presented in International Conference on Recent advances in Traditional Medicine, Medicinal Plants and Phytochemistry	Yashwantrao Chavan Institute of Science, Satara 2nd and 3rd February 2020

#### COMPLETED MAJOR RESEARCH PROJECTS:

Sr. No.	Project Title	Duration From-To	Financial Outlay	Funding Agency
1.	Physiochemical investigations of some antiallergenic indigenous plants.	14 <sup>th</sup> March 2013 to March 2017	10,71,300/-	University Grants Commission, New Delhi

#### GUIDED RESEARCH STUDENTS:

Sr. No.	Degree	Awarded	Submitted	Ongoing	Total
1	M.Phil.	-	-	-	-
2	Ph.D.	01	00	01	02

#### AWARDS:

1. **Pune Municipal Corporation Pune** has felicitated with a ‘**Shikshak Gaurav Puraskar**’ on 5<sup>th</sup> September, 2012.
2. Awarded **Shikshak Gourav Puraskar** of **Bharati Vidyapeeth Deemed University, Pune- 38.** in Year 2012-2013.
3. **Seva Gaurav Puraskar** of **Bharati Vidyapeeth Deemed University, Pune** on 26<sup>th</sup> April 2015.

## **PATENTS:**

1. Invention of *Picrorhiza kurroa* derived product having distinct properties with respect to augmentation of spermatogenesis process, Hulawale S.A., Ballal R.B., Matey H.K., Bhat A.J., Ballal B.B., **Pawar S.G.**, Bhat A.J., and Jadhav K.D., 2015, **Publication of Patent**, Application No. 1633 / MUM / 2013, Publication of the Patent office Journal on 13/03/2015.

**(Dr. S. G. Pawar)**