

**Dr. O.S.Deshmukh**  
**Principal**  
**Dhanwate National College, Congress Nagar,**  
**Nagpur, MS, 440012**



## **Profile**

**Name** : **Dr. Omraj Shankarrao Deshmukh**

**Designation** : Principal

**Department** : Botany/ Environmental Science (Interdisciplinary)

**Address (Residential)** : At. Po. Chandas- Wathoda Ta. Warud Dist. Amravati

**Phone No. / Cell No.** : 09422125738

**E-mail Address** : os\_deshmukh@rediffmail.com / osdeshmukh2005@gmail.com

**Date of Birth** : 06/02/1970

**Academic Qualification:** M.Sc. Ph.D.

Examination passed	Board/University	Subject/ Specialization	Year of passing	Division/Grade
S.S.C.	Nagpur Board	Mar, Eng, Math, Sci, His, Geo.	1986	Ist
H.S.C.	Nagpur Board	Bio, Math, Phy, Che, Mar, Eng.	1988	IInd
B.Sc.	Amravati University	BOT, ZOO, CHM	1991	IInd
M.Sc.	Amravati University	Botany	1994	IInd
Ph.D.	Amravati University	Botany	2017	-----

**Specialization** : Cytology & Genetics

**Date of Joining** : 17<sup>th</sup> January 2005

**Teaching Experience** : 14 Years

**Research Experience** : One Minor Research Project. (Two Years)- completed – Funding Agency- UGC.

**Google Scholar Link** : <https://scholar.google.com/citations?user=4A9uVCAAAA&hl=en>

**Administrative experience:** a) Working as , NAAC/ IQAC Co-ordinator , Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud. Dist. Amravati.(M.S.)

**Articles / Chapters published in Books.**

Sr. No.	Title with page nos.	Book Title/ editor & publisher	ISSN / ISBN No.
1.	A Text Book of Botany B.Sc., Fifth SEM	Plant Physiology and Ecology Dnyan Path Publication	ISBN 13:978-93-87278-13-4
2.	Sustainable Horizons: A Global Environmental Management	Google Play Books	ISBN 9798873000357

**PUBLICATION:**

1. **Patil U.S. and Deshmukh O.S. ( 2015).** Phytochemical and Spectroscopic analysis of *Cyclea peltata* Arn. ex Wight ( Family- Menispermaceae) Rhizome extract, *International Journal of Informative and Futuristic Research*, Vol.3(1) pp. 936-940.
2. **Patil U.S. and Deshmukh O.S. ( 2015) .** Traditional Ethno-veterinary practices in Betul district ( M.P.), *International Journal of Current Research in Life Sciences*, Vol.4 (10) pp. 423-428.
3. **Patil U.S. and Deshmukh O.S. ( 2015) .** Plants used in Ethno-veterinary Medicines by Tribal Peoples in Betul District, *International Journal of Science and Research*, Vol.4 (10) pp. 1536-1538.
4. **Patil U.S. and Deshmukh O.S. ( 2015).** Studies on the Phytochemical, Spectroscopic Characterization and Antibacterial Efficiency of *Urginea indica* (Roxb.) Kunth ( Liliaceae) and *Cyclea peltata* Arn. ex Wight ( Menispermaceae), *European Journal of Pharmaceutical and Medical Research*, Vol. 2(6) pp. 171-176.
5. **Patil U.S. and Deshmukh O.S. ( 2015).** GC-MS Analysis of root acetone extracts of *Spatholobus purpureus* – A high Ethno-veterinary Medicinal Value Plant, *International Journal of Current Research*, Vol.7 (11) pp. 1013-1017.

6. **Patil U.S. and Deshmukh O.S. ( 2015).** Preliminary Phytochemical Screening of Six Medicinal Plants Used as Traditional Medicine, *International Journal of Pharma and Biosciences*, Vol. 5(6) pp. 456-462.
7. **Ganorkar R.P., Atloye A.H., Bansod J.S., Deshmukh O.S., Pund D.A.( 2012).** Proximate analysis of root, stem and leaves of *Cissus quadrangularis* Linn., *International Journal of Chemical Sciences* 10(2), pp 855-860.
8. **Deshmukh O.S. (2017).** Phytochemical and FT-IR Spectral Analysis of *Cyclea peltata* – an endemic plants, *International Journal of Pharmaceutical Science and Research* 2(6), pp 12-17.
9. **Deshmukh O.S. (2017).** Preliminary Phytochemical screening and anti-bacterial activity of *Puereria tuborosa* (Roxb. Ex Wild) DC, *International Journal of Current Research* 9(11), pp 60263-60266.
10. **Deshmukh O.S. (2017).** Preliminary Phytochemical screening and anti-bacterial activity of *Wrightia tinctoria* R. Br., *Asian Journal of Science and technology* 8(11), pp 6541-6544..
11. **Deshmukh O.S. (2017).** Preliminary Phytochemical screening and anti-bacterial activity of *Ampelocissus latifolia* (Roxb.) Planch., *International Journal of Research in Biosciences, Agriculture and technology* 5( special Issue 2), pp 361-365.
12. **Deshmukh O.S. (2017).** Screening of phytochemical and anti-bacterial activity of *Cayratia trifolia* (L.) Domin., *International Journal of Research in Biosciences, Agriculture and technology* 5( special Issue 2), pp 371-374.
13. **Deshmukh O.S., Patil U.S. (2015).** GC-MS Analysis of Phytochemicals in Aqueous extract of *Cyclea peltata* (Lam.) Hook.f. & Thomson ., *International Journal of Scientific Research* 4(11), pp 350-351.
14. **Deshmukh O.S., Patil U.S. (2015).** GC-MS Analysis of root acetone extract of *Spatholobus purpureus* – A High Ethnoveterinary medicinal value plants , *European Journal of Pharmaceutical and medical Research* 2(6), pp 171-176..
15. **Deshmukh O.S., Patil U.S. (2015).** Plants used in Ethnoveterinary medicines by tribal peoples in Betul district , Madhya Pradesh, India., *International Journal of Science and Research* 4(10), pp 1536-1538.
16. **Deshmukh O.S., Patil U.S. (2015).** Plants used in Ethnoveterinary medicines by tribal peoples in Betul district , Madhya Pradesh, India., *Journal of Global Biosciences* 4(8), pp 3049-3054.
17. **Deshmukh O.S. (2016).** GC-MS Analysis of stem bark benzene extract of *Wrightia tinctoria* – A High Ethnoveterinary medicinal value plants , *The Botanique* 20(1), pp 9-13.
18. **Deshmukh O.S. (2019).** Studies on the phytochemical, spectroscopic, characterization and antimicrobial efficiency of *Spatholobus purpureus* benth. Ex Baker(Family Fabaceae). *International Journal of current research .Jan 2019.* pp.824-827
19. **Deshmukh O.S.** Preliminary Phytochemical screening and anti-bacterial activity of *Peucedanum nagpurensis* Prain Research journey *International E Research journal.* PP 21-26.
20. **Deshmukh O.S.** Plants used in Ethno-veterinary medicines by tribal peoples in Betul district ,Madhya Pradesh. *International Journal of Science and Research* 4(10) pp. 1536-

1538.

21. **Deshmukh O.S.** Preliminary Phytochemical screening and anti-bacterial activity of *Parthnocissus quinquefolia* (L) planch. *International Journal of life science special issue A8Sept.2017 (NCBB-2017)*.
22. **Deshmukh O.S.(2020)**. Preliminary Phytochemical screening and anti-bacterial activity of *Pueraria tuberosa* (Roxb.Ex Wild) DC-A High Value Veterinary significant plant. *Journal of emerging Technologies and innovative Research (JETIR)* pp-682-688.
23. **Deshmukh O.S.** Phytochemical screening by FTIR spectroscopic analysis of ethanolic root extract of ethno veterinary medicinal plants. *Journal of emerging Technologies and innovative Research (JETIR)* pp-636-642.
24. **Deshmukh O.S** , Dr. Kulbhushan Dhyaneshwar Meghe, Surendrasingh Samarsingh Gaharwar, Dr. Mukul Abasaheb Burghate. Sustainable Horizons: A Global Environmental Management Perspective. *International Journal of Commerce and Management Studies (IJCAMS)* Peer Reviewed, Indexed Journal, *ISSN 2456-3684 Vol.8, No.4, 2023*.

Sr. No	Title	Journal	ISSN/ISBN No.	Impact Factor if any
1.	Phytochemical and Spectroscopic analysis of <i>Cyclea peltata</i> Arn. ex Wight ( Family- Menispermaceae) Rhizome extract	<i>International Journal of Informative and Futuristic Research</i> . Vol.3(1) pp. 936-940.	ISSN: 2347-1697	4.164
2.	Traditional Ethno-veterinary practices in Betul district( M.P.)	<i>International Journal of Current Research in Life Sciences</i> , Vol.4 (10) pp. 423-428.	ISSN: 2319-949	
3.	Plants used in Ethno-veterinary Medicines by Tribal Peoples in Betul District	<i>International Journal of Science and Research</i> , Vol.4 (10) pp. 1536-1538.	ISSN: 2319-7064	5.611
4.	Studies on the Phytochemical, Spectroscopic Characterization and Antibacterial Efficiency of <i>Urginea indica</i> (Roxb.) Kunth ( Liliaceae) and <i>Cyclea peltata</i> Arn. ex Wight ( Menispermaceae),	<i>European Journal of Pharmaceutical and Medical Research</i> , Vol. 2(6) pp. 171-176.	ISSN: 3294-3211	SJIF 2.026
5.	GC-MS Analysis of root acetone extracts of <i>Spatholobus purpureus</i> –A high Ethno-veterinary Medicinal Value Plant,	<i>International Journal of Current Research</i> , Vol.7 (11) pp. 1013-1017.	ISSN: 0975-833X	

6.	Preliminary Phytochemical Screening of Six Medicinal Plants Used as Traditional Medicine.	<i>International Journal of Pharma and Biosciences</i> , Vol. 5(6) pp. 456-462.	ISSN: 6299-0975	5.121
7.	Proximate analysis of root, stem and leaves of <i>Cissus quadrangularis</i> Linn.	<i>International Journal of Chemical Sciences</i> 10(2), pp 855-860.	ISSN: 0972-768X	
8.	Phytochemical and FT-IR Spectral Analysis of <i>Cyclea peltata</i> – an endemic plants.	<i>International Journal of Pharmaceutical Science and Research</i> 2(6), pp 12-15.	ISSN: 2455-4685	RJIF 5.28
9.	Preliminary Phytochemical screening and anti-bacterial activity of <i>Puereria tuborosa</i> (Roxb. Ex Wild) DC.	<i>International Journal of Current Research</i> 9(11), pp 60263-60266.	ISSN: 0975-833X	7.086
10.	Preliminary Phytochemical screening and anti-bacterial activity of <i>Wrightia tinctoria</i> R. Br.	<i>Asian Journal of Science and technology</i> 8(11), pp 6541-6544.	ISSN: 0976-3376	5.544
11.	Preliminary Phytochemical screening and anti-bacterial activity of <i>Ampelocissus latifolia</i> (Roxb.) Planch.	<i>International Journal of Research in Biosciences, Agriculture and technology</i> 5(special Issue 2), pp 361-365.	ISSN: 2347-517X	
12.	Screening of phytochemical and anti-bacterial activity of <i>Cayratia trifolia</i> (L.) Domin.	<i>International Journal of Research in Biosciences, Agriculture and technology</i> 5(special Issue 2), pp 371-374.	ISSN: 2347-517X	
13.	GC-MS Analysis of Phytochemicals in Aqueous extract of <i>Cyclea peltata</i> (Lam.) Hook.f. & Thomson .	<i>International Journal of Scientific Research</i> 4(11), pp 350-351.	ISSN: 2277-8179	
14.	GC-MS Analysis of root acetone extract of <i>Spatholobus purpureus</i> – A High Ethnoveterinary medicinal value plants.	<i>European Journal of Pharmaceutical and medical Research</i> 2(6), pp 171-176.		
15.	Plants used in Ethnoveterinary medicines by tribal peoples in Betul district, Madhya Pradesh, India.,	<i>International Journal of Science and Research</i> 4(10), pp 1536-1538.		

16.	Plants used in Ethnoveterinary medicines by tribal peoples in Betul district , Madhya Pradesh, India.,	<i>Journal of Global Biosciences</i> 4(8), pp 3049-3054.	ISSN: 2320-1355	
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17.	GC-MS Analysis of stem bark benzene extract of <i>Wrightia tinctoria</i> – A High Ethnoveterinary medicinal value plants.	<i>The Botanique</i> 20(1), pp 9-13.		
18.	Preliminary phytochemical screening and antibacterial activity of <i>Parthnocissus quinquefolia</i> (L) plant	<i>International Journal of Life Science, special issue</i> , A8 <i>September, 2017 (NCBB-2017)</i>	ISSN: 2320-7817	
19.	Plants used in Ethno-veterinary medicine by tribal peoples in Betul district, M.P. India	<i>International Journal of Applied Research, special issue</i> , Part B pp. 34-39 <i>March 2017</i>	ISSN: 2394-7500	RJIFR 5.2

### **Workshop / Conference / Symposium / Seminar Attended / Participated/ Organized**

1. Attended the National Symposium on **Eco-Environmental Impact & Organism Response** held at Govt. Vidharbha Mahavidyalaya, Amravati on 15<sup>th</sup>, 16<sup>th</sup>, & 17<sup>th</sup> January, 1994.
2. “**Biodiversity Conservation – Role of University Teachers**” Organized by Nature Conservation Society, Amravati and Department of Forest, Amravati Division, Amravati on 21<sup>st</sup> March, 1999 at Nature Information Center, Wadali, Amravati.
3. Participated in Silver Jubilee Conference of Indian Botanical Society and National Symposium on Biosciences from 27<sup>th</sup> 29<sup>th</sup> October 2002 organized by Department of Plant Science ,MJP Rohilkhand University, Bareilly and also presented paper entitled “**Observations on Pollen Flora of Pohara Forest**”.
4. Has participated in the 6<sup>th</sup> Asian Apicultural Association International Conference from February 24<sup>th</sup> to March 1, 2002. Organized by Century Foundation, Bangalore (India) and Presented a paper on „**Observations on Flowers Visitors of some local plants**’.
5. Actively participated in the discussion and presented a paper entitled “**Chemical Analysis Of Honey Sample Collected from Pohara Forest**” organized by Nature Conservation Society, Amravati, P.G. Department of Zoology , Amravati University, Amravati and Indian Society of Life Sciences, Kanpur, U.P. at the XVIII National Symposium on “**Recent Trends in Life Sciences with special reference to Wildlife and Conservation**” held at Amravati University, Amravati (M.S.) from November 16<sup>th</sup> to 19<sup>th</sup>, 2002.
6. Seminar on “**Mushroom Production Technology**” Organized by Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola and Shri Shivaji Agriculture College, Amravati and Presented the Research paper.

- a. Taxonomic position of mushroom fungi.
  - b. Role of mycorrhizal mushroom in forest ecosystem. Held on 22nd , March 2002.
7. **“Seminar on Hi-tech Floriculture”** Organized by Shri Shivaji Agriculture College, Amravati & Dr. Panjabrao Deshmukh Krishak Prashikshan Kendra, and Garden Club, Amravati held on 21<sup>st</sup> July, 2002.
  8. Has participated in UGC sponsored National Conference on **“Ethno botany Biodiversity and Conservation”** 18<sup>th</sup> to 19<sup>th</sup> January, 2003, Organized by Department of Botany, Shri Shivaji College of Arts, Commerce & Science, Akola (M.S.)
  9. Participated in the **“Symposium on Tree Decades of Project Tiger in Melghats”** from 8<sup>th</sup> to 9<sup>th</sup> October, 2004 in the post Graduate Department of Zoology, Amravati University, Amravati.
  10. Participated in the workshop on New UGC Curriculum in Botany organized by Post-Graduate Department of Botany, Amravati University, Amravati on 12<sup>th</sup> September, 2004.
  11. Has participated in UGC sponsored National Conference on **“Modern Trends in plant Sciences with special Reference to the Role of Biodiversity in Conservation”** organized by Department of Botany, Amravati University, Amravati from 17<sup>th</sup> to 20<sup>th</sup> February, 2005.
  12. Presenting poster in one day **„State Level Conference on Environment 2007’** Organized by Shri Shivaji Arts, Commerce & Science College, Akola and Team to Restore the Entire Environment (TREE) on 4<sup>th</sup> February 2007.
  13. Participated in National Conference on **“Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation”** held on 28<sup>th</sup> to 30<sup>th</sup> January, 2007 Organized by Department of Biotechnology and Biological Science, Shri Shivaji Science College, Amravati.
  14. UGC sponsored Regional Seminar on **“Recent Trends in Heterocyclic Compound in Chemical, Medicinal and Pharmaceutical Sciences”** Organized by Department of Chemistry, Botany and Zoology, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati held on Sunday, March 2<sup>nd</sup> 2008.
  15. UGC Sponsored National Seminar on **“Adivasi Loksankruti”** organized by Department of Marathi, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud. Dist. Amravati (M.S.) on 16<sup>th</sup> and 17<sup>th</sup> October, 2008.
  16. Has successfully completed Two week training course on Techniques in Biotechnology, Held on 3<sup>rd</sup> to 16<sup>th</sup> March, 2008 Organized by Department of Biotechnology Sant Gadge Baba Amravati University, Amravati. Sponsored by Department of Biotechnology, Ministry of

Science and Technology, Govt. of India, New Delhi.

17. UGC sponsored National Seminar on “Evolution of Tribal Folk Knowledge and Bio- diversity Conservation” Organized by Department of Zoology and Botany, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati held on Monday, 12<sup>th</sup> January 2009 as a Joint organizing Secretary.
18. UGC Sponsored National Seminar on “**Recent Innovation in Herbal Drugs**” organized by Department of Botany & Chemistry, Mahatma Fule Arts, Commerce & S.C. Science College, Warud and presented a paper on “**Herbal Therapies – A Need of Time**” held on Saturday, 24<sup>th</sup> January, 2009 as a Chief Organizer .
19. UGC Sponsored National Seminar on „**Role of IQAC in the Improvement of Academic and Administrative Performance in the Institution**“, Organized by Shri Shivaji College of Education (Faculty of Physical Education) Amravati on 30<sup>th</sup> and 31<sup>st</sup> January, 2009.
20. Participated in the NAAC sponsored two day State level workshop on **Importance of Innovative Practices in Higher Education**” held on 10<sup>th</sup> & 11<sup>th</sup> January, 2009 organized By Smt. Kesharbai Lahoti Mahavidyalaya, Amravati (M.S.)
21. Participated in the UGC sponsored workshop on “**Diversity of Spider in Mahendri Region of Satpuda Hill Ranges** ” held on 3<sup>rd</sup> & 4<sup>th</sup> October, 2009 organized By, Department of Zoology, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati .(M.S.)
22. Participated one day National Seminar on Recent trends in Bio-Geo Science held at Shri.M.Mohata Colege of Science, Nagpur on 14<sup>th</sup> October, 2010.
23. Participated in the National Seminar on “ Green Revolution to Gene Revolution : GM Crops” Organized by Department of Botany, Sevadal Mahila Mahavidyalaya, Nagpur on 2<sup>nd</sup> January 2010.
24. Participated in the UGC Sponsored National Conference on “ Clomate Change & its Consequences” organized by Department of Botany & Zoology, Bharatiya Mahavidyalaya, Amravati on 12 - 13 January 2010 and presented a poster on – Global Warming and Environmental Impact Assessment.
25. Participated in the National Conference on “ Trends in Plant Sciences : Today and Tomorrow” organized by Department of Botany, Shri. Shivaji College, Akot on 22-23 February 2010 .
26. Attended UGC Sponsored National Seminar on “Panchayat Raj and Rural Development (PRRD-2010) organized by Department of Political Science, Mahatma Fule Arts, Commerce

& Sitaramji Chaudhari Science Mahavidyalaya, Warud. Dist. Amravati (M.S.) on 21<sup>st</sup> January, 2010

27. Participated in UGC sponsored National Conference on “ Innovations in Bio- Sciences 2011” held at Department of Botany ,R.A. College, Washim and presented a paper on – Effect of different Mutagens “ during 14 to 15 October 2011.
28. Participated in World Congress for Man and Nature sponsored on “ Global Climate Change & Biodiversity Conservation” During WCMANU 2011 held at Department of Zoology & Environmental Science, Gurukula Kangri Vishwavidyalaya , Haridwar, Uttarakhand , India 11, 12 , 13 November 2011 as a Rapporteur in Technical session II.
29. Participated in National Seminar on Status of Biodiversity in India held at Department of Botany, R.D.I.K. & K.D. College, Badnera Rly. During 10-11 December 2011 and presented a paper entitled- Observation on some Ethno-veterinary plants from Satpuda base of Warud.
30. Participated in one day workshop on Performance Based Appraisal System(PBAS) held On 21<sup>st</sup>April 2011 organized by Brijlal Biyani Science College, Amravati.
31. Presented a paper in the International Conference on Biodiversity and Conservation organized by Modern College Arts, Science And Commerce , Pune on dated 28 -30 January 2011.
32. Participated in the 98<sup>th</sup> Indian Science Congress held at SRM University, Chennai From January 3 – 7 2011.
33. Participated in the UGC Sponsored National Seminar on Human Rights organized by Dr. Gopalrao Khedkar Mahavidyalaya, Telhara Dist. Akola on 1<sup>st</sup> October 2011.
34. Participated in the National Conference on Mycodiversity with its Sustainable Exploration and Biotechnological Application and 38<sup>th</sup> Annual Meeting of Mycological Society of India during 6-7 February 2012 organized by Department of Botany, Shri. Shivaji Science College, Amravati and Department of Botany, SGB, Amravati University, Amravati.
35. Participated in the “Workshop on educational Resource planning ( ERP )” organized under the aegis of National Mission on Education through ICT , (NMEICT), MHRD, Govt. of India during 25-26 February 2012 held at Shri. Shivaji Science College, Amravati.
36. Participated in One Day Seminar on “Eco-diversity and its Management” organized in commemoration of late Dr. M. A. Dhore on Wednesday the 29 th February 2012 at Department of Botany, Sant Gadge Baba Amravati University, Amravati.
37. Participated in UGC Sponsored National Conference on Innovative Research Trends In Biological Sciences NCIRIBS – 2012 organized by Department of Life Sciences , Shri. Shivaji college of Arts, Commerce and Science, Akola on 8-9 September 2012.
38. Participated & contributed a paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on Innovative Prospects in

Angiosperm Taxonomy(ISIPAT) during October 28 – 30 , 2012 organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati.

39. Participated in the 99<sup>th</sup> Indian Science Congress held at KIIT University, Bhubaneswar from January 3 to 7 , 2012 Date 7 Jan. 2012.
40. Participated in the UGC sponsored National Seminar on “Recent Innovation in role of Free radical on global warming” organized by Department of Chemistry, Mahatma Fule Arts, Commerce & Sitaramji Chaudari Science Mahavidyalaya, Warud at date 31 March 2012.
41. Participated at UGC Sponsored National Seminar held on “Recent trends and Innovative Development In The Various Frontiers of Life Science” organized by Department of Zoology, Botany and Chemistry, S. R. R. L. Science College, Morshi Dist. Amravati on 27<sup>th</sup> March 2012.
42. Participated in the “IQAC Awareness Workshop” held at Adarsha Mahavidyalaya Dhamangaon Rly. on 18 th March 2013.
43. Participated in the National Conference on advances in Life Sciences: Present and Future( AILSPF-2013) organized by Department of Botany and Zoology, Vidyabharati Mahavidyalaya ,Amravati on 11 & 12 January 2013.
44. Participated in the IQAC “Accreditation Awareness workshop” held at NSS Hall, Sant Gadge Baba Amravati University, Amravati on 3-12-2014.
45. Participated in NAAC Sponsored National Seminar on “Institutional Quality Improvement: Role Of Governance, Leadership and Management” organized by Science College , Nagpur held on August 8-9, 2014.
46. Participated in One Day National Seminar on “Aspects and Appraisal in Plant Science” Organized by Department of Botany , Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur( Jain) Tal. Malegaon Dist. Washim on 15<sup>th</sup> March 2015.
47. Participated in the 102<sup>nd</sup> Indian Science Congress held at University of Mumbai
48. Mumbai from January 3 to 7, 2015 and Presented a paper entitled “ Ethnoveterinary studies of some medicinal Plants in Betul District, M.P. in the section of Plant Science.
49. Participated in the deliberation of State Level Seminar on “ Role of IQAC in Quality Enhancement in higher Education” organized by Shri Shivaji College Of Arts, Commerce & Science Akola on dated 17 April 2015.
50. Participated the UGC Sponsored National Seminar on “Role of Microbial Technology in Sustainable Agriculture Challenges And Opportunities” organized by Department of Biotechnology & Microbiology, Nabira Mahavidyalaya, Katol Dist. Nagpur on October 21, 2015.

51. Participated in a Seminar cum Training Programme on “ Research and Conservation of Biological Resources and the Biological Diversity (BD) Act-2002” organized by Department of Botany, SGB, Amravati University, Amravati , Satpuda Foundation and
52. Maharashtra State Biodiversity Board, Nagpur on 22<sup>nd</sup> January 2016.
53. Participated in a One Day Orientation Workshop on “ Intellectual Property Rights” jointly organized by RUSA, Govt. of Maharashtra, RGNIPM, Nagpur & Patent Cell , SGB, Amravati University, Amravati on August 26, 2016.
54. Participated in 1<sup>st</sup> National Teachers’ Congress, Pune India on Inspiring Teachers Strengthening Generations by MIT Group of Institutions, Pune during 23<sup>th</sup> -25<sup>th</sup> September, 2016.
55. Participated in State Level Workshop on National Educational Policy : Governance Reforms in Higher Education Regulation in Higher Education organized jointly by Deptt. Of Higher & Technical Education, Govt. of Maharashtra and IQAC, SGB, Amravati University ,Amravati on 2<sup>nd</sup> October, 2016.
56. Participated in Silver Jubilee National Conference on Plant Diversity : Past and Present organized by Department of Botany, SGB, Amravati University ,Amravati in collaboration with Science Research Institute Internationale, Nagpur during 30<sup>th</sup> -31<sup>st</sup> December, 2016.
57. Participated in the National Conference on “Recent Advances and opportunities in Biological Sciences(RAOBS)” Organized by Department of Botany, Late Pundlikarao Gawai Arts and Science Mahavidyalaya, Shirpur Jain on 17 March ,2017 and presented a paper on – Plants Used in Ethno-veterinary Medicines by Tribal Peoples in Betul District, M.P., India.
58. Participated in the DBT Sponsored National Conference on Recent Trends in Biotechnology and Biodiversity (NCBB-2017) Organized by Department of Life Sciences, Shri Shivaji Science College, Amravati on 22<sup>nd</sup> & 23<sup>rd</sup> September , 2017.
59. Participated in a International Conference on “ Recent Trends in Science and Technology Sustainable Development Through Scientific Approach” organized by Science College , Congress Nagar, Nagpur and Presented a Research Paper on- Screening of Phytochemical and Antibacterial activity of *Cayratia trifolia*(L.) Domin on 12 – 14 July 2017 and Co- Chaired the Technical Session IV.
60. Participation in The Indian Science Congress Association, Kolakata Sponsored National Symposium cum Workshop on “Science and technology for sustainable wildlife management, biodiversity and ecosystem in India on 3-5 December 2017 at Mudha, Bori, Harisal, Melghat forest and published a paper on- Preliminary Phytochemical screening and antibacterial activity of *Terminalia bellirica* (L)
61. Participation in the STEM Teacher Training Workshop on Research Based Pedagogical Tools held from 6/10/2017 to 9/10/2017 at pt. Ravishankar Shukla University, Raipur Chhatisgarh organized by Ministry of Science and Technology MHRD and IISER Pune Department of

Biotechnology, Govt. of India. It was conducted by a team of experts from the centers for Science Education, Sheffield Hallam University, UK.

62. Participated in the one day workshop on Environmental Awareness Green Institute Programme on 6/5/2017 organized under Melghat Tiger Reserve & Amravati Forest Division.
63. Awarded Dr. APJ Abdul Kalam Award for Teaching Excellence - 2017 by Marina Labs-Research and Development, 14 Kavya Gordens N. T. Patel road , Nerkundram, Chennai on dated 21/10/2017.
64. Participated in the one day workshop on “Effective functioning of IQAC for NAAC Accreditation” organized by Internal Quality Assurance Cell (IQAC) of the G. S. Science ,Arts and Commerce College, Khamgaon and IQAC Cluster, Maharashtra on 29 July 2018.
65. Participated in a one day workshop on Intellectual Property Right on Monday 26 th March 2018 organized by Dr. Babasaheb Ambedkar Mahavidyalaya, Amravati.
66. Participated in XX National Conference of Aerobiology 2018 organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati during 29 -31 January 2018.
67. Participated in UGC Sponsored State Level Seminar on “ Current Scenario of Botanical Research (SSCSBR-2018)” organized by Department of Botany, Shri Shivaji College Of Arts, Commerce & Science Akola on 2 Feb. 2018.
68. Participated in UGC Sponsored State Level Seminar on “ Current Scenario of Botanical Research” organized by Department of Botany, Shri Shivaji College Of Arts, Commerce & Science ,Akola on dated 2<sup>nd</sup> February 2018.

#### **Conference/Seminar/ Workshop Organized**

- a) Worked on Local Advisory Committee of UGC Sponsored Regional Seminar on “**Recent Trends in Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences**”, organized by Department of Chemistry, Botany and Zoology, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud. Dist. Amravati (M.S.) on 2<sup>nd</sup> March, 2008.
- b) Worked as a Chief Organizer of “**Recent Innovations in Herbal Drugs**” organized by Department of Chemistry and Botany, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud. Dist. Amravati (M.S.) on 24<sup>th</sup> January, 2009.
- c) Organized a National Seminar on “**Evolution of Tribal Folk Knowledge and Biodiversity Conservation**” Organized by Department of Zoology and Botany, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati held on Monday, March 12<sup>th</sup> 2009

- d) Worked on Local Advisory Committee of UGC Sponsored University level Seminar Competition for UG students on “ **Calculus & Microcontroller**” organized by Department of Mathematics & Electronics Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati held on 19<sup>th</sup> December 2009.
- e) UGC Sponsored National Seminar on “ **Recent Trends in Plant Biotechnology**” organized by Department of Botany, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati held on Saturday 28<sup>th</sup> January 2012 in collaboration with SGB, Amravati University Botany Teachers’ Association, Amravati and presented a paper on – Phytochemical Analysis of Root of *Cissus quadrangularis* Linn.
- f) UGC Sponsored State Level Workshop on “ **Performance Based Appraisal System for Promotions Under Career Advancement Scheme of College Teachers** ” organized by Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati held on Monday, 25<sup>th</sup> March 2013 in collaboration with Dr. Shyama Prasad Mukharji Atrs College , Shendurjana Ghat, Dist. Amravati as a Organizing Secretary.
- g) UGC Sponsored National Seminar on - **Promotion of Ethics and Human Values under the scheme of Human Right Education under XI plan in the College** organized by Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud Dist. Amravati held on 26-27 February 2011 in collaboration with Warud Taluka Bar Association as a Organizing Secretary.

### **Minor Research Project**

Minor research project completed on "Studies on Environmental Impact Assessment of Satpuda Base of Warud Tahsil" for Rs. 80,000/- sponsored by UGC.

### **Citation 211h- index 3 i10- index 1**

#### **Research Gate -1000 points Membership in Professional Association**

1. Life member- Indian Science Congress Association, Kolkata.
2. Life member- Mycological society of India, Rajkot.
3. Life member- Indian Aerobiological Society of India, Kolkata.
4. Treasurer , Indian Science Congress Association, Kolkata. Amravati Chapter
5. Life member- Wildlife and Environmental Conservation Society, Amravati.

6. Life member- Garden Club, Amravati.
7. Life member- Nature Club, Warud.
8. A life Member of Nagpur University Teachers Association
9. Member, S. G. B. Amravati University Botany Teachers Association, Amravati.
10. Member, S. G. B. Amravati University Botany Alumni Association, Amravati.

### **Extension Activity**

- a) Organized Farmers Meet for the Farmers of Cotton Belt of Warud Tahasil on “**Problems of B.T. Cotton**” in Collaboration with Center For Cotton Research (CICR), Nagpur.
- b) Organized “**Soil Analysis and Testing Camp**” for Farmers of Orange Belt of Warud Tahasil in Collaboration with Shri Shivaji Agriculture College, Amravati.
- c) Participated in “**Chudaman River Bachao Abhiyan**” organized by College.