



Curriculum – Vitae

Name : Dr. Patil Shankar Rajaram
Designation : Associate Professor & Head
Department : Department of Botany
Date of Birth : 01/06/1961
University : Bharati Vidyapeeth (Deemed to be University), Pune
Office Address : Bharati Vidyapeeth (Deemed to be University)
Yashwantrao Mohite College, Paud Road,
Pune-411038.

Residential Address : **Sonhira** co-op Hsg Soc, S.No. 97/2, Pl.No.129, Galli No.2, Right Bhusari Colony, Kothrud, Pune-411038

Permanent Address : A/P – Karve, Tal.-Khanapur, Dist.-Sangli. Pin - 415311

E-mail : patilsr1961@gmail.com / Mob No.: +91 9422010921, +918668808785

Educational Qualification:

Examination	Name of the Board/ University	Year of Passing	Subject(s)
Graduate Degree	Shivaji University, Kolhapur	1983	Botany
Post Graduate Degree	Shivaji University, Kolhapur	1985	Botany-Mycology & Plant Pathology
M.Phil.	University of Pune	1989	Botany – Phycology
PhD	University of Pune	2001	Botany – Phycology
DIT	CDAC	2000	Computer

Teaching Experience:
a) Under-graduate teaching 31 years
b) Post-graduate 10 year

Visit Abroad: South Korea,Thiland

India: Delhi, Mumbai, Bengaluru, Tumkur, Kolkata, Davangiri, Hydrabad, Tirupati, Mysore, Amaravati, Bengaluru

Research Experience: 31Years

Research Administrative activities:

Major Research Project & Minor Research Project

Sr. No.	Principal Investigator	Funding Agency	Status	Title	Outlay	Duration
1.	Dr.S.R.Patil	UGC, New Delhi	Completed	Aerobiodiversity Relation to Aerophycology and its Role in Environmental Management at Pune	10,27,300/-	3 years 2011-2014
2.	Dr.S.Y.Kamble & Dr.S.R.Patil	National Medicinal Plant Board, New Delhi	Completed	Establishment of Medicinal Plants Herbal Garden For Bharati Vidyapeeth University at Lawale	10,00,000/-	3 years 2008-2011
3.	Dr.S.R.Patil	Ministry of Environment & Forest, New Delhi	Completed	Improving Infrastructural Facilities in the Botanical Garden	8,75,000/-	3 years 2001-2005
4.	Dr.S.Y.Kamble & Dr.S.R.Patil	UGC, New Delhi	Completed	Ethano Botany of Tribal of North Western Region of Maharashtra	5,89,100/-	3 years 2001-2004
5.	Dr.S.R.Patil	UGC (WRO), Pune	Completed	Screening of Local Strains of Blue Green Algae of Western Maharashtra	25,000/-	2 years 1989-1991
				Total	35,16400/-	

- 1) **Principal Investigator** for - Minor research project on “Screening of local strains of blue green algae for their nitrogen fixation”. Funded by WRO,Pune. **Rs. 25,000/-** Duration 2 years (1995-97).
- 2) **Principal Investigator** for – “Improving infrastructural facilities in the Botanical Garden”. Funded by Ministry of Environment and Forest, New Delhi **Rs. 8,75,000/-** Duration 3 years (2001-2004).
- 3) **Co-Investigator** for “Ethnobotany of Tribals of North Western Region of Maharashtra” Funded by UGC, New Delhi. **Rs. 5,93,100/-** Duration – 3 years (2002-2005)
- 4) **Co – Investigator** for “Establishment of Herbal Garden for BharatiVidyapeeth University at Lavale Dist. Pune’, Funded by National Medicinal Plant Board, New Dehli.**Rs.10,000,00 /-**Duration - 2 Years (2008 - 2010)

- 5) **Principal-Investigator** for “Aerobiodiversity in relation to aerophycology and its role in environmental management at Pune city”,Funded by UGC, New Delhi, Rs. **10,27,300/-** Duration: 3yrs. (2011 – 2014).

Research guide : Research Guide in Botany-(Ph.D.)

BharatiVidyapeeth (Deemed to be University), Pune-411030

: Research Guide in Botany-(M.Phil.)

SavitribaiPhule Pune University,Pune

No. of students for Ph.D. :01 (Awarded),03(Registered)

No. of students for M.Phil :01 (M.Tech.)

Institutional Positions : a) Incharge Principal
YashwantraoMohite College of Arts,Science and
Commerce, Pune

b)Associate PrOfessor &Dept. of Botany
YashwantraoMohite College of Arts,Science and
Commerce, Pune

c) Head,

Garden Department- BharatiVidyapeeth,Pune -30

d) Co-ordinator: - Certificate course in Gardening and Landscape
design (2006-2011)

e) Co-ordinator: - Career Oriented course in Cultivation
and conservation of medicinal Plants **UGC Sponsored**
(2014 onwards)

University Position&

Special Academic Contribution:a) Dean, Faculty of Science, (2011-2013)

b) Dean, Faculty of Science, (2018-2019)

BharatiVidyapeeth(Deemed to be University.)

c) Chairman, Board of Studies in Life Sciences.(2009- 11)

d) Member, Academic council (2011-2013)

e) Member, Board of Examination(2011-2013)

Other AcademicContribution :a)External Referee for Ph.D

b) External examiner for university exam,Pune,Nanded

c) Internal examiner for university exam,BVDU,Pune

d) Work as expert for selection of research scholar

e) VC Nominee forselectionofResearchProject

Fellow in University of Pune

f) Work as resource person

Publications : a) Book – 01
b) Research papers – 27(List enclosed)
c) General Articles – 02

- Memberships** :
- a) Members of Journal Phycological society of India, Phykos New Delhi.
 - b) Member of Indian Botanical reporter Aurangabad.
 - c) Member of Indian Science Congress Association
 - d) Member of Krishnamurty Institute of Algology
 - e) Life member of Indian Academy of Allergy.
 - f) Life member of Indian Aerobiological Society

- Orientation / Refresher Courses at University of Pune.** :
- a) Orientation Course on 3rd to 31st Oct. 1992
 - b) Refresher Course on 4th to 31st Oct. 1994 at University of Pune.
 - c) Refresher Course on 18th Sept. to 14th Oct. 1995 at University of Pune.
 - d) Refresher Course on 25th Feb. to 24th March 2001 at University of Pune.
 - e) Completed work shop in Environmental Sciences on 11th-20th Nov 2002 at University of Delhi
 - f) Faculty improvement Programme on 2.11.2013 at Academic Staff College, BVDU, Pune

- Social Activities:**
- 1) Organised a Farmer's meeting (Setakari Melawa) cultivation of fruit plants in drought affected areas on May at 2002, A/P Vita, Tal – Vita, Dist. Sangli.
 - 2) Free consultation center – cultivation of fruit & medicinal plants in Rural Center – Vita.
 - 3) Organised a farmer's meeting (Setakari Melawa) – Mendhi Va Sheli Palan vyavasay at village Karve, Dist. Sangli (Maharashtra) on June 2004.
 - 4) Founder President – Hanuman Rural Development Foundation-Pune (India)
 - 5) Founder President of Dr Pantagrao Kadam English Medium school, at Karve, Dist. Sangli (India)

Symposium/Conference organized: -

1. Member of Executive council of organizing committee – Worked as **Treasurer** of 5th National Conference of Indian Academy of Allergy 28th Nov. to 30th Nov. 2002 at Yashwantrao Mohite College, Pune, on “Current Trends in Allergy and Applied Aerobiology”
2. Worked as **organizing secretary** of National seminar on, ‘Sustainable Utilization of Natural Bioresources’ 13th January 2011 at Yashwantrao Mohite College, Pune – 38.
3. A five day National conference organized in the Department of Botany, Bharati Vidyapeeth Deemed University, Yashwantrao Mohite College, Pune and worked as **Organizing Secretary** at 23rd to 27th January 2012.

4. Worked as **organizing secretary** of National seminar on, 'Recent Trends in Life Sciences' 21th-22nd December 2012 at YashwantraoMohite College, Pune – 38.
5. Worked as **organizing secretary** of National seminar on, 'Future Prospects of Biosciences' 17th-18th January 2014 at YashwantraoMohite College, Pune – 38.

National / International Seminar, Conference, Workshops, attended / Presented papers:-

1. Indian Science Congress Association on 3rd – 9th 1987 at University of Pune.
2. One day Seminar in Botany on 19th Feb. 1989 at University of Pune.
3. National Seminar on Modern Trends in Botany on 21st – 24th Feb. 1991 at University of Pune.
4. Seminar in Pollution & Environment on 1st March 1993 at Y.M.College, Pune.
5. Workshop in applied Botany 7th – 8th Feb. 1994 at Y.M.College, Pune.
6. "National Conference on Impact of Air borne microbes" at Y.M.College, Pune during 7th – 9th March 1996.
7. Workshop on "Biological methods in soil improvement" 3rd Sept. 1997 at H.V. Desai College, Pune.
8. National Symposium on "Basic and applied aspects of plant and microbial Biotechnology". On 4th& 5th Feb. 2000 at Modern College, Pune.
9. Seminar in Impact of Pollution on Biosphere 11th& 12th Feb. 2000 at Y.M.College, Pune.
10. Indian Science Congress Association on 3rd – 7th Jan. 2000 at University of Pune.
11. CCIM Workshop on review of syllabus of post-graduate courses on 5th& 6th March 2001 at University of Pune.
12. Seminar on Emerging Technology in Life Sciences at YashwantraoMohite College, Pune on 16th Feb. 2002.
13. National seminar on "Current trends in Plant Sciences" 26th – 28th March 2002 at University of Pune.
14. National Seminar on "Ethnobotany and Sacred groves: role in Conservation Strategy of India" held at ARI, Pune from 17th to 19th April 2002.
15. Seminar on Recent trends in Bioinformatics at YashwantraoMohite College, Pune on 1st Oct. 2002.
16. 5th National Conference of Indian Academy of Allergy on "Current trends in allergy and applied Aerobiology", 28th to 30th Nov. 2002 at BharatiVidyapeeth Deemed University YashwantraoMohite College, Pune-38.
17. Workshop on Biosystematics and conservation of plant diversity at University of Delhi on 15th – 24th Jan. 2003.
18. National Workshop on Mycorrhizal Technology held at Seth L.V. Jhaveri College of Arts and Sir M.V.College of Science & Commerce, Mumbai on 12 – 14th Sept. 2003.
19. Workshop on "Genetic Engineering" at Modern College, Ganeshkhind, Pune on 12th& 13th March 2005.
20. International conference on "Biosciences, Biotechnology and Biodiversity Analysis at Modern College, Pune on 15th, 16th and 17th October 2005.
21. International conference on applied phycology " Algae in Biotechnology and Environment" at New Delhi. 14-15 Feb,2006.

22. One day work shop on “Biodiversity : Conservation and Managements”NCL Pune,23rd Oct.2008
23. One day Seminar on “Consortive of Industry Academia in Biotechnology a need of hour” BVU Rajiv Gandhi Institute of ITand Biotechnology, Pune on 22nd Dec.2008.
24. National Seminar on Nutrigenomics and Nanotechnology,BVU, Poona College of Pharmacy,Pune, on 31st Dec. 2008 – 1st Jan.2009.
25. National Seminar on recent trends in life sciences organized by A. M.College,Hadapsar,Pune 26-27th Dec. 2009.
26. Seminar on, “Research methodology,survey and quality control of medicinal plants”, 15th – 17th February, 2010.
27. National Conference on Plant Biodiversity, 23rd and 24th April 2010, Dept. of Botany, YashwantraoChavan Institute of Science, Satara
28. 33rd Conference of Indian Botanical Society and International symposium on ‘The new Horizons of Botany’, 10th to 12th November 2010, Department of Botany, Shivaji University, Kolhapur.
29. National seminar on ‘Sustainable utilization of Natural Bioresources organised by Dept of Botany,Y.M.College. Pune, 13th January 2011.
30. National seminar on ‘Plant Biodiversity for sustainable development’, 10th to 12th March 2011, Department of Botany, University of Pune.
31. The paper entitled ‘Jamun (*Eugenia jamolina*. Lam) Therapy Sure Cure for Gastric Disorders.’ Poster paper presented in international conference on “Current Trends In Medicinal Plants Research” held at Department of Botany, University of Pune at 10 -12 January 2012.
32. Presented paper entitled Aerobiological investigation over Jowar Crop Field at Jamkhed, Dist. Ahmednagar in National conference on impact of air borne microbes, held at MAEER’S College of Arts,Science and commerce college, Pune on 13-15th DEC.2012.
33. National conference on impact of air borne microbes, held at MAEER’S College of Arts,Science and commerce college, Pune on 13-15th DEC.2012.
34. National conference “Biodiversity Assessment, Conservation and Utilization” held at AbasahebGarware College, Department of Biodiversity, Pune on 9th to 11th February 2012
35. National Conference on Emerging Trends in Aurveda&Herbal Drugs Technology at Teresian College Siddarthnagar, Mysore on 22nd – 23rd Noveber 2012.
36. National Conference on Concepts and New Trends Aerobiology and Allergy organised by BharatiVidyaBhavan’sSomani College college,Mumbai 29-30 November,2013.
37. Presented paper entitled ‘ Studies on Traditional Phytomedicines used by the Herbal Healers in Tribal Regions of Maharashtra – India during International Conference held at Sancheong,**SouthKorea**,on September 9th – 13th 2013
38. Presented paper entitled Aerobiological Impact of Pathogenetical Fungal Spore over Kharif Hybrid Jowar crop Field at Jamkhed 27th to 28thDecembr 2013,Shevgaon,Ahmednagar
39. Presented paper entitled Impact analysis of BiocomponentsJowar crop Field at Jamkhed 27th to 28thDecembr 2013, Shevgaon,Ahmednagar,
40. Presented paper entitled“Future Prospects of Biosciences held at BharatiVidyapeeth Deemed University,Y.M.College, Pune 17th – 18th January,2014

41. Presented paper entitled Investigation Study of Fungal Spores over KharifHybrideJowar crop at Jamkhed in International conference at Ahmednagar, 30-31,January 2014.
42. Presented paper entitled Past,Present and Future scenario of Aerophycology in 18th National conference Impact of Aerosols on Health, Heritage and Environment (NCIAHHE-2015) held at TumkurUniversity,Tumkur (Karnataka) 28th – 30th Sept,2015.
43. Presented paper entitled Role of DeteromycotinaoverJowar crop at WaghaTal.JamkhedDist.ahmednagar in International conference at Dubai, 18-22,nov. 2015
44. Internatioonal conference on Advances in Asian Medicine,Ethanopharmacology- Validation of Traditional Medicine,organized by BharatiVidyapeeth University- Poona College of Pharmacy. Orchid Hotel, Pune, 3-7,January 2016.
45. National Seminar on Current Trends in Biodiversity Conservation and Climate Change.New Findings of Traditional Medicinal uses of Plants from Bhimashankar and Mulshi Areas of Pune, District, Maharashtra; organized by Department of Zoology, YashwantraoMohite College, BharatiVidyapeeth University, Pune, 24th-25th Feb 2016.
46. Presented paper entitled “Aerobiological study of some pathogenic fungal spores over Kharif hybrid Jowar crop field at Jamkhed” held at in 19th National Conference of Indian Aerobiological Society at Bose Institut, Kolkata,9-11 December,2016.
47. AbtractPaperin State Level seminar organised by BaburaoGholap College at Pune,18-22 Nov.2017
48. Presented paper entitled “Prevalence of *Claviceps* spore over hybridJowar crop field at Jamkhed” held at in 20th National Conference of Indian Aerobiological Society at SantGadge Baba Amravati University, Amravati, 29-31 January,2018.

As Resource Person /Talks delivered: -

1. Worked as resource person and delivered a talk on “Environmental Pollution” In the N.S.S.Camps “Winter Session programme” Organised by Y.M.College at Urawade, Dist. Pune, on Dec. 1997.
- 2.Worked as resource person and delivered a talk on “Mushroom cultivation” In the N.S.S.Camps “Personal development programme” Organized by Y.M.College, Pune-38, on Sept. 1998.
- 3Delivered plenary speech on Aerophycology in Concepts and new trends in Aerobiology & Allergy , National seminarOrganised by MEERA’S MIT college,Pune,13rd – 15th December,2012
- 4.Delivered plenary speech on Aerophycology-Present Scenario & Future Prospects in UGC Sponsored National seminaron“Recent Trends in Biodiversity and Environmental Sciences” held at BV’s MBSK KanyaMahavidyalaya, Kadegaon (Sangli) 3rd – 4th October,2013
- 5Delivered Guest Lecture on Aerophycology - Status and Future Prospects of Aerophycologyheld at BharatiVidyaBhavan’s ,H.Somani college, Mumbai 29th – 30th Nov,2013.

6. Delivered lead lecture on Aerophycology-Status and Future Prospects in UGC Sponsored 6th National seminar on “Future Prospects of Biosciences held at Bharati Vidyapeeth Deemed University, Y.M. College, Pune 17th – 18th January, 2014

7. Delivered Lead Lecture on Aerophycology -Current Scenario and Future Prospects in 18th National conference Impact of Aerosols on Health, Heritage and Environment (NCIAHHE-2015) held at Tumkur University, Tumkur (Karnataka) 28th – 30th Sept, 2015.

8. Delivered Lead Lecture on Aerophycology -Past, Present and Future scenario in 19th National conference of Indian Aerobiological society held at Bose Institute, Kolkata, 9-11 December, 2016.

9. Delivered Lead Lecture on Current Status and Future Prospects in Aerophycology in 19th National conference of Indian Aerobiological society held at Sant Gadge Baba Amravati University, Amravati 29-31 January, 2018

LIST OF PUBLICATIONS OF DR. S.R. PATIL

1. **S.R. Patil**, (1991) Variation of stipulodes of Charapashani Dixit, National Symposium on recent trends in Botany, held Abst.- no.-21-pp-96-98;-at Pune University.
2. B.B. Chaugule and **S.R. Patil** (1992) List of the Charophytes from the State of Maharashtra. *Indian Bot. Reporter*. 11(1+2) 75-77
3. **S.R. Patil**, (1999) Checklists of blue green algae of Western Maharashtra, Indian Science Congress Abst.-no- 72,-pp-191-193.
4. **S.R. Patil**, (2000). Biodiversity of blue green algae, National Symposium on Basic and applied aspects of plant microbial biotechnology held at Modern College, Pune Abst.no-1-pp -42-43.
5. T.N. More, S.T. Tilak, **S.R. Patil** & S.G. Pawar (2002) Allergenic fungal spores from garbage depot. 5th National Conference of Indian Academy of Allergy held at Pune. Abst. – No.17 ;pp-82
6. T.N. More, **S.R. Patil**; S.G. Pawar & E.A. Singh (2002) Survey of aerobiopollutants (pollens) in the garbage dept. 5th National Conference of Indian Academy of Allergy held at Pune. Abst. – No. AeP-16; pp-80-81
7. **S.R. Patil** and B.B. Chaugule (2004) Species diversity in paddy field blue green algae of Western Maharashtra. National Symposium on biology and biodiversity of fresh water algae. Chennai. PP.30
8. **S.R. Patil**, B.B. Chaugule . Distribution (2006) of Paddy field soil blue green algae indifferent agroclimatic zones of Western Maharashtra. International conference on applied phycology, New Delhi, 14-15 Feb. P.P. 22-24.
9. S.Y. Kamble, **S.R. Patil**, T.N. More, S.G. Pawar, Ram Bindurani, S.L. Bodhankar (2008) Plants used by tribes of North west region of Maharashtra for treatment of gastrointestinal disorders. *Indian Jr. of Traditional Knowledge* vol. 7(2) 321-325.
10. S.Y. Kamble, **S.R. Patil**, S.G. Pawar, P.S. Sawant, S.P. Sawant, E.A. Singh (2009) Traditional medicine used by tribes of Pune and Thane District for the treatment of upper respiratory track disorders. *Jr. of Economic and Taxonomic Botany*. Vol.33 No.3, 682-687.

11. S. Y. Kamble, T. N. More, **S. R. Patil**, E. A. Singh & S. G. Pawar (2009) Ethnobotany of Thakar tribe of Maharashtra, **Jr. Economic and Taxonomic Botany** Vol. 33 (Suppl.) 95-122.
12. S. Y. Kamble, **S. R. Patil**, S. G. Pawar, P. S. Sawant, Sangita Sawant (2008) Studies on plants used as traditional medicines by Bhilla tribe of Maharashtra. **Jr. of Economic and Taxonomic Botany**.
13. **S. R. Patil**, B. B. Chaugule (2009) Diversity of blue green algae in paddy fields of Western Maharashtra. **Indian Hydrobiology**. 12(1), 89-94.
14. **S. R. Patil**, S. Y. Kamble, S. G. Pawar, A. S. Shinde (2011) Ethnomedicinal studies of some important plants of Western Maharashtra and their Pharmacognostic Characterization. Proceeding, Uni. Of Pune, pp. 97.
15. M K Desale, P B Bhamare, P S Sawant, **S R Patil** & S. Y. Kamble (2013) Medicinal plants used by rural people of taluka Purandhar, district Pune, Maharashtra **Jr. of Traditional Knowledge** vol. 12(2), 334-338
16. Sangita M. Lawate, **Shankar Patil**, Chandrakant D. Shendkar, Swati M. Deokar & Nirmala R. Deshpande (2013) Detection of amino acids from *Aglaialawii Wight* leaves. **International Jr. of pharmacy and pharmaceutical sciences**. vol. 5. issue 2, 356-358.
17. Patil V. S. and **Patil S. R.** (2014) Air dispersion of viable algae in the extramural environment of Pune. **International Jr. of Advanced Research** vol. 2, issue 4, 509-514.
18. Patil V. S. and **Patil S. R.** (2014) Algal biodiversity over environment of Pune. **International Jr. of Advance Research** vol. 2, issue 2, online: ISSN 2320-9186.
19. S. Y. Kamble, P. S. Sawant, E. A. Singh **S. R. Patil**, S. G. Pawar, (2014) Noteworthy Ethnomedicinal Plants used by the Tribes of Maharashtra **Jr. Economic and Taxonomic Botany** Vol. 38 No. 2, 254-260
20. S. Y. Kamble, P. S. Sawant **S. R. Patil**, S. G. Pawar, , E. A. Singh (2014) Traditional herbal remedies practiced by herbal healers in the tribal regions of Maharashtra (India) **International Jr. of Life Sciences**, 2014, Vol. 2 (4); 334-340.
21. Pawar S. G., Kamble S. Y., **Patil S. R.**, Sawant P. S., Singh E. A. (2016). Preliminary Phytochemical Investigations of Three Species of Traditional Medicinal Plants of Tribal Regions of Maharashtra (India), **International Journal of Pharmacognosy and Phytochemical Research**. Vol. 8 (5) 742-745.
22. S. G. Pawar, E. A. Singh, P. S. Sawant, **S. R. Patil** and Kamble S. Y. (2016) New findings of Traditional Medicinal uses of Plants from Bhimashankar and Mulshi Ares of Pune, Districts, Maharashtra. **Asian Journal of Multidisciplinary Studies** Vol. 4, issue 3, 49-52.
23. S. M. Baraskar and **S. R. Patil** (2016). Circadian periodicity study of some important fungal spores over jowar crop field at Jamkhed, Dist. Ahmednagar **Asian Journal of Multidisciplinary Studies** Vol. 4, issue 9, 92-98.
24. S. M. Baraskar and **S. R. Patil** (2016) Investigation of Biocomponents Over Jowar Crop Field at Jamkhed. **Asian Journal of Multidisciplinary Studies** Vol. 4, issue 9, 127-130.
25. S. M. Baraskar and **S. R. Patil** (2017) Aerbiological Investigation of Cladosporium Spores Over Jowar Crop Field at Jamkhed (M. S.) India. **International Journal of Innovative knowledge Concepts** Vol. 5, (9), issue 8, 23-26.

26. S.M.Baraskar and **S.R.Patil** (2017) Occurrence of Hyphal Fragments over Jowar Crop field at JamkhedAhmednagar (M.S.)India. An **International research Journal of Biological Sciences**Vol 23, (1) 149-152

27.S.M.Baraskar and **S.R.Patil** (2017) AerbiologicalSurve of Mycoflora over Jowar Crop field at Jamkhed(M.S.)India.An**International research Journal of Biological Sciences**Vol 23, (1) 135-138

28.A.M.Patil, G.G Potdar, S.G Pawar, **S.RPatil**(2018) Preliminary Phytochemical Screening Of Some Important Medicinal Plants, Indian Journal Of Applied Research .volume 8, issue 4, 28-30
