

RESUME

Name : - Dr. Prachi Pramod Kshirsagar

Educational Qualification: - M. Sc. M. Phil. Ph.D. (Botany)

Degree/ Exam	Year	University/Board	Class/ Division	% of Marks
Ph.D. (Botany)	15 th February 2012	S.G.B.Amravati University, Amravati	--	--
M. Phil. (Botany)	2008	S.G.B.Amravati University, Amravati	I st	65 %
M.Sc. (Botany)	2005	Amravati	I st	73.00 %
B.Sc. (Biology)	2003	Amravati	I st	61.47 %
H.S.C.	2000	Amravati Board	I st	63.67 %
S.S.C.	1998	Amravati Board	I st	61.87 %

Specialization at M.Sc.:- Advanced Plant Physiology and Biochemistry

Thesis Title: - “Documentation and Evaluation of Food Value of Some Wild Plant Species of North Maharashtra”

Professional Experience: - (11 Years)

Teaching: - 06 Years

Name of College	Duration	Nature of Appointment	Class
Govt. Vidarbha Institute of Science and Humanities, Amravati	18 .8.2005 to 26.02.2006	lecturer (CHB)	Junior (11 th and 12 th)
	7 .7.2005 to 20.9.2005	lecturer (CHB)	PG
Shri. Shivaji Science College, Amravati	1.11.2005 – 30.04.2006	Full time lecturer (Fix Pay basis)	PG
	01.08.2006 – 31.03.2007		
	01.08.2007 – 31.03.2008		
	01.08.2008 – 30.04.2009		

Fergusson College, Pune	2.12.2015 – 31.04.2016	Assistant Professor (CHB)	UG and PG
Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 16	11.07.2016 to 29.04.2017	Assistant Professor (Adhoc)	UG
Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 16	03.07.2017 to 30.04.2018	Assistant Professor (Adhoc)	UG
Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 16	02.07.2018 till date	Assistant Professor (Adhoc)	UG

Subjects Taught: Plant Ecology, Environmental Science, Biodiversity Conservation, Plant Diversity and Morphology, Plant Angiosperm Taxonomy and Embryology, Developmental Biology, Physiology, Genetics and molecular biology

Project/Research work: - 5 year and 1 month

Institute/ College	Duration	Name of Post	Project Title
Govt. Vidarbha Institute of Science and Humanities, Amravati	02/05/2009 to 02/11/2010	Research Fellow	Digitized Inventory of Medicinal Plant Resources of Maharashtra
Agharkar Research Institute, Pune	20.04.2011 to 30.9.2012	Research Student	Seed and Seedling Morphology of Important Medicinal Plants
Agharkar Research Institute, Pune	1.10.2012 to 29.12.2012	Research Associate	Nanomaterial Treatment to seeds for enhancing seed germination
	2.01.2013 to 31.08.2015		

Paper Published: - 13

International – 07

1. Bhogaonkar Prabha Y., Vishal R. Marathe and **Prachi P. Kshirsagar**. 2008. Nutraceutical Assessment of *Plumbago zeylanica* L. – A Well Known Ayurvedic Drug Plant. *Journal of Advances in Science and Technology*. Vol. 11(1 & 2): 106 – 112. (ISSN No. **0971-9563**)
2. Marathe Vishal R., **Prachi P. Kshirsagar** and Bhogaonkar Prabha Y. 2009. Traditional health practices in Khamgaon taluka (Dist. Buldhana, Maharashtra). *Journal of Advances in Science and Technology*. Vol. 12(1 & 2): 22 – 26. (ISSN No. **0971-9563**)

3. Bhogaonkar Prabha Y., Vishal R. Marathe and **Prachi P. Kshirsagar**. 2010. Documentation of Wild Edible Plants of Melghat Forest, Dist. Amravati, Maharashtra State, India. *Ethnobotanical Leaflet*. Vol. 14: 751 – 758. (ISSN No. 1948-3570)
4. **Kshirsagar Prachi P.**, Prabha Y. Bhogaonkar and Vishal R. Marathe. 2012. Underutilized fruits of North Maharashtra. *Journal of Research in Plant Science*. Vol. 1: 71 – 76.
5. **P. P. Kshirsagar**, V. R. Marathe and P. Y. Bhogaonkar. 2012. Documentation of Wild Edible Plants of Buldhana District, Maharashtra, India. *Life Sciences Leaflet*. Vol. 5: 29 – 36. (ISSN Print: 2277-4297, Online: 0976-1098)
6. **Prachi P. Kshirsagar** and Prabha Y. Bhogaonkar. 2015. *Nicandra physaloides* (L.) Gaertn. A less known wild edible fruit. *Int J Curr Pharm Res*, Vol 7, Issue 2, 60-63. (ISSN: 0975-7066)
7. **Prachi P. Kshirsagar** and Prabha Y. Bhogaonkar. 2017. 'Moringa oleifera lam. Flowers: a promising nutritional and medicinal supplement. *European Journal of Biomedical and Pharmaceutical sciences*, Vol. 4 (8): 444 – 451. (ISSN 2349-8870)

National – 06

1. Bhogaonkar Prabha Y., Vishal R. Marathe and **Prachi P. Kshirsagar**. 2008. Nutritional and nutraceutical evaluation of two wild edible species of *Oxalis* L. Vidarbha Jr. of Science Vol. 3 (2): 40 – 45. (ISSN 0973 - 8932).
2. Marathe Vishal R., **Prachi P. Kshirsagar** and Bhogaonkar Prabha Y. 2010. Documentation of Traditional ethnoveterinary practices in Khamgaon taluka (Dist. Buldhana). *Indian Journal of tropical Forestry*. Vol. 26 (II): 60 – 62. (ISSN: 0970-1494)
3. **Kshirsagar Prachi P.** and Prabha Y. Bhogaonkar. Feb. 2010. Nutritional and Therapeutic Value of *Ipomoea aquatica* Forsk. – A Forgotten Food. In Proceedings of National Seminar on “Health, Food, Agro-biodiversity – Changing Paradigms” organized by Centre for Innovation in Science and Social Action (CISSA), Kozhikode, Kerala: 113 – 116.
4. Prabha Y. Bhoganokar and **Prachi P. Kshirsagar**. 2013. Nutraceutical potential of *Mucuna utilis* Wall. – a less known legume. *Indian Journal of Natural Product and Resources*, Vol. 4 (1): 36 – 41. (ISSN: 0976-6504)
5. **Prachi P. Kshirsagar**, Abaso H. Shinde and Sanjay S. Kharat. 2017. Conservation of Biodiversity by enhancing student engagement. *Shodhankan*, 12: 108 – 112. (ISSN: 2250 - 0383)
6. **Kshirsagar Prachi P.** and Prabha Y. Bhogaonkar. 2017. Gum: Promising Traditional Health Supplement. *Dnyanamay*, Vol II (4): 9 – 11. (ISN No. 2395 – 7484)

Paper communicated: 01

1. **P. Kshirsagar**, A. Upadhye, J. Rajwade and K. Paknikar. Treatment with nanoscale zinc oxide boosts seed germination in *Sterculia urens*. Plant Science.

Manuscript under Preparation: 01

1. **P. P. Kshirsagar**, A. S. Upadhye, J. M. Rajwade and K. M. Paknikar. Osmopriming with iron oxide nanoparticles followed by radiofrequency induced heating boosts seed germination in *Aegle marmelos (L.) Corr.: a medicinally important tree species*. Nanotechnology

Research papers presented Conference/Symposium/Seminar: -18

1. "Documentation of Traditional Ethnoveterinary Practices in Khamgaon Taluka, Distt. Buldhana, Maharashtra" in XVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on 'Changing Scenario in Angiosperm Systematics' Organized by Department of Botany, Shivaji University, Kolhapur from 19th to 21st November, 2007.
2. "Nutritional and nutraceutical evaluation of two wild edible species of *Oxalis L.*" in UGC sponsored National Seminar on Changing Biodiversity Scenario in India : Initiatives for Creation, Sustainable Utilization and Retention of Wealth, Organized by Department of Botany, Deogiri College, Aurangabad from 14th to 15th July, 2008.
3. "Nutritional and Medicinal Attributes of *Ceropegia bulbosa L.* and *Dioscorea bulbifera L.*" in XVIII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on 'Multidisciplinary Approaches in Angiosperm Systematics' Organised by Department of Botany, Kalyani University, Kalyani from 11th to 13th October, 2008.
4. "Nutritional evaluation of two well known Medicinal Herbs – *Tinospora cordifolia* (Willd.) Miers. and *Centella asiatica* (Linn.) Urban." in XIX Annual conference of Indian Association for Angiosperm Taxonomy and International Symposium on "Angiosperm Systematics and Phylogeny: Retrospects and Prospects" organized by National Botanical Research Institute Lucknow, from 12th to 14th November, 2009.
5. "Documentation of Wild Edibles of Melghat, Dist. Amravati, Maharashtra State (India)" in XIX Annual conference of Indian Association for Angiosperm Taxonomy and International Symposium on "Angiosperm Systematics and Phylogeny: Retrospects and Prospects" organized by National Botanical Research Institute Lucknow, from 12th to 14th November, 2009.
6. "Wild Edible Plants of Dhule District, Maharashtra" in XXXII All India Botanical Conference and International Symposium on "Diversity of Plants and Microbes: Present Scenario"

Organized by Department of P. G. Studies and Research In Applied Botany, Kuvempu University, Shankaraghatta, Dist. Shimoga, (Karnataka) from 28th to 30th December, 2009.

7. “Nutritional and Therapeutic Value of *Ipomoea aquatica* Forsk. – A Forgotten Food” in National Seminar on “Health, Food, Agro-biodiversity – Changing Paradigms” organized by Centre for Innovation in Science and Social Action (CISSA), Kozhikode, Kerala from 12th to 14th February, 2010.
8. “Traditional Knowledge on Wild edible flowers of North Maharashtra” in National Symposium on “Medicinal plants: A Promising Resources of the Country” organized by Department of Biosciences, Veer Narmad South Gujarat University, Surat (Gujarat State) from 9th to 10th June 2010.
9. “*Nicandra physaloides* (L.) Gaertn. – A less known wild edible fruit” in XXXIII Conference of Indian Botanical Society and International Symposium on the “New Horizons of Botany” organized by Department of Botany, Shivaji University, Kolhapur from 10th to 12th November, 2010.
10. “Wild Edible Fruits of North Maharashtra” in XX Annual conference of Indian Association for Angiosperm Taxonomy and International Symposium on “Taxonomy, Plant Diversity and Conservation” organized by Department of Botany, Bharathiar University, Coimbtore (Tamilnadu), India from 26th to 28th November 2010.
11. “Nutraceutical Potential of *Mucuna utilis* wall. – A Neglected Legume” in XXI Annual conference of Indian Association for Angiosperm Taxonomy and National Seminar on “Biodiversity Conservation and Climate Change (BCCS-11)” organized by Environment and Sustainability Department, Institute of Mineral and Science Technology, CSIR, Bhubaneswar, Odhisa, India from 2nd – 4th December 2011.
12. “Germplasm Studies On Some Medicinal Plants From Family Apocyanaceae” in XXI Annual conference of Indian Association for Angiosperm Taxonomy and National Seminar on “Biodiversity Conservation and Climate Change (BCCS-11)” organized by Environment and Sustainability Department, Institute of Mineral and Science Technology, CSIR, Bhubaneswar, Odhisa, India from 2nd – 4th December 2011.
13. “Nutritional and Medicinal Potential of Indian Cherry (*Cordia dichotoma* Forst. F.) – A less known edible” in XXI Annual conference of Indian Association for Angiosperm Taxonomy and National Seminar on “Biodiversity Conservation and Climate Change (BCCS-11)” organized by Environment and Sustainability Department, Institute of Mineral and Science Technology, CSIR, Bhubaneswar, Odhisa, India from 2nd – 4th December 2011.

14. “Studies on seed and seedling morphology of some high valued medicinal plants from family Fabaceae” in National Seminar organized by Indian Association for Angiosperm Taxonomy during the 28th - 30th October, 2012 Sant Gadge Baba Amravati University, Amravati
15. “*Glossocordia bosvallea* (L. f.) DC: A Nonconventional Leafy Vegetable” in Biotechnology and Biodiversity organized by Department of Life sciences Shri. Shivaji Science College, Amravati on 22-23 September 2017
16. “Conservation of Biodiversity by enhancing student engagement” in Paryavaran Samelan at Maharashtra Paryavaran and Pradushan Nivaran Mandal, Ralegan Sidhi, Dist. Ahmadnagar, from 27-28 October 2017
17. “Evaluation of Nutritional potential of *Biophytum sensitivum* (L.) DC.: A Less Known wild leafy vegetable” in National conference on ‘Chemical Sciences an Interdisciplinary Approach’ by Department of Chemistry, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune on 18-20 January 2018
18. “Nutritional potential of some wild fruits of North Maharashtra” in International Conference on ‘Recent trends in Life Sciences’ Department of Zoology, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune, from 2-3 February 2018

Booklet Published: (01)

1. Dr. Vinaya Ghate, Dr. Prachi Kshirsagar, et al. 2018. □□□ □□□□□□□□□□ - □□□□ □□□□□□□□
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Workshops attended: (11)

1. UGC sponsored National Workshop on ‘Mushroom Cultivation’ organized by Matoshri Vimlabai Deshmukh College, Amravati from 19- 24th December 2005
2. Rajiv Gandhi Science and Technology sponsored training Workshop on Project “Digitized Inventory of Medicinal Plant Resources of Maharashtra” organized by Agharkar Research Institute, Pune, Maharashtra from 4th to 5th June 2009.
3. Workshop on “Research Methodology” organized by ICFAI National College, Amravati on 28th January 2009.
4. UGC sponsored one day Regional Workshop on “Identification of Grasses” held at S.S.S.K.R. Innani Mahavidyalay, Karanja Lad, Dist. Washim, (MS) on 1st September 2012.
5. One day workshop on “Metals in Health and Disease” organized by Agharkar Research Institute, Pune on 8th January 2013.
6. One day workshop on ‘Biological invasion w.r.t. conservation of Indian wild-life jointly organized by Biosphere and Pune Forest Division & Pune wild-life wing , Govt. of

Maharashtra Botanical Survey of India , MEFCC & bio-diversity management committee
P.M.C. Pune on 6th October 2016.

7. Four day workshop on 'Botanical Nomenclature' organized by Botanical Survey of India, Western Circle, Pune on 9th to 12th February 2017
8. One day Workshop on Teaching and learning skill in '**Angiosperm Taxonomy**' organized by Department of Botany Savitribai Phule Pune University, Pune on 30.01.2018
9. Two day Workshop on Teaching and learning skill in '**Plant Physiology and Biochemistry**' organized by Department of Botany Savitribai Phule Pune University, Pune on 3 – 4 March 2018.
10. Two day Workshop on Teaching and learning skill in '**Plant Ecology**' organized by Department of Botany Savitribai Phule Pune University, Pune on 20 – 21 April 2018.
11. Two day Workshop on Teaching and learning skill in '**Plant Development and Embryology**' organized by Department of Botany Savitribai Phule Pune University, Pune on 27 – 28 April 2018.

Conferences attended: (28)

International: 10

National: 18

Workshops Attended: 11

Achievements for Excellence: -

1. **Dr. S. B. Jain Prize** for securing Second highest marks in M. Sc. (Botany) from Govt. Vidarbha Institute of Science and Humanities, Amravati.
2. **Second Prize for Photo Presentation** in UGC sponsored National Conference on "Climate Change and It's Consequences" organized by Department of Botany and Zoology, Bharatiya Mahavidyalaya, Amravati (Maharashtra) from 12th to 13th January, 2010.
3. **First Prize in 'Jewelry Making Competition'** from natural plant material held at Department of Botany, Fergusson College, Pune in December 2016.
4. Won **First Prize** for Poster Presentation in National conference on '**Chemical Sciences an interdisciplinary Approach**' by Department of Chemistry, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune on 18-20 January 2018.

Highlight of some Extracurricular activities:

1. **Audio-visual Lectures delivered:** Experts Lectures delivered regularly on Field Botany, floriculture, Home Gardening and various issues in conservation

2. **Organized Workshop:** organized various festivals and workshops on biodiversity conservation to address various issues in environment such as river conservation, nursery techniques, seed ball preparation, etc in association with various NGO's and forest department.
3. **Awareness campaign:** to create awareness about various environmental issues and to understand biodiversity nature trails, field visits, tree walks, Photo Exhibition, were regularly organized
4. **Examination work:** regularly involved in college examination work like, supervision, Paper evaluation, internal Squad committee, etc.
5. Worked as Evaluator for the projects presented by children scientist in **District Level Children Science congress, 2011** held at PCMC Madhyamik Vidyalaya, Kalbhorbagar, Chinchwad Station (Theme: "Land Resources; Use for Prosperity, Save for Prosperity)
6. Popular articles written in magazines.

Particulars of Life Memberships in academics:

1. Indian Association of Angiosperm Taxonomy (IAAT), Department of Botany, University of Calicut, Calicut – 673 635, Kerala
2. Medicinal and Aromatic Plants Association of India (MAPIA), Directorate of Medicinal and Aromatic Plants, Boriavi, Anand – 387 310, Gujrat
3. The Indian Science Congress Association, 14, Dr. Biresh Guha Street, Kolkata – 700 017
4. The Indian Botanical Society (IBS), MJP Rohilkhand Univeristy, Bareilly, UP – 243 006
5. Member of 'Nisarg Sevak' – a non government organization, Pune

Signature

Dr. Prachi Kshirsagar