

CURRICULUM VITAE

Name and present position



Dr. Nisha Ramesh Choudhari (M.Sc., Ph.D. DEd.)

Head of the Department and Assistant Professor

Department of Botany,

Consultant, Project-Field Expert,

Pratibha College of Commerce and Computer Studies,

(Affiliated to University of Pune, Pune)

Kalbhornagar chinchwad, Pune – 411 019, Maharashtra, India.

Permanent Address: Sr.No. 286, Kakadetownship, Keshav

nagar, Chinchwadgaon, Pune- 411033

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Areas of interests

Botany, biodiversity conservation, environmental protection, plant tissue culture, physiology and biochemistry, phytoremediation for crop improvement and sustainable agriculture development, Organic farming, Gardening and landscaping, Carbon Sequestration, carbon studies, and carbon emissions assessment and clean energy technologies for rural and tribal communities.

MBA in ESG, integrating sustainability, climate governance, and environmental research with management and policy perspectives.

Experience

Teaching experience = 10 years

Research experience = 07years

Consultant – Field Project
Expert Experience = 04 years

Professional experience

Subject Expert:

- Designing and delivering multidisciplinary course content aligned with NEP 2020 guidelines syllabus framing of SY BSc. & MSc. Botany Courses of SPPU. Leading curriculum development workshops, practical sessions, and student-centric environmental awareness programs. Coordinating academic events,
- Participating in syllabus framing workshops and completing Faculty Development Programs to enhance teaching skills and curriculum design.
- Worked as SPPU University appointed “Subject Expert” to fill up the

permanent approval positions of Assistant Professor in Botany subject on 12th February 2021 at Pratibha College of Commerce and Computer Studies, Chinchwad, Pune.

- Worked as Paper setting, External Practical Examiner, Paper Checking/Evaluation and Internal and External senior supervision duty.

Reviewer: Acted as “Reviewer” to evaluate a manuscript titled “Effects of Laminate Thickness on Selected Technical Properties of Glu-Lam Board of Bambusa vulgaris Schrad” was In the International Journal of Forestry and Wood Science (Dated-2019-07-02).

Chairman: Science Association Committee, Environmental Awareness and College Beautification Committee.

Member: Student Welfare Committee, staff Academy Committee, Public ERP Committee, Industrial Visit and Excursion, Academic Calendar Committee.

Resource Person: Invited As a Resource person for carbon audit at Pune, Acted as “Resource person” at Savitribai Phule Pune University Affiliated Colleges, Conduction of Workshops, various social activities, Lecture series, Ph.D. Course work, etc.

Fellowships and scholarship:

- Fellowship awarded by “University of Women’s association” Pune. Maharashtra
- Scollarship awarded by Jawaharlal Nehru Memorial Fund for Research project under title –“Studies on carbon pool of Pimpri-Chinchwad urban Vegetation Area.

Academic distinctions

- Sucessfully complted NPTEL- Swayam Online Certification Course funded by the MoE, Govt. of India, on Aug-Oct 2023 (8 Week Course),
- Sucessfully complted NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME on 13th March 2024 to 26th March 2024,
- Invited as a Judge for Poster making Competition at International Conference on Exploring Innovations in Life Sciences -2024 on 23 rd March 2024, at Annasaheb Awate College, Manchar, Pune.
- Participated in National Level workshop on Molecular Docking Vertual Screening and Computational Biology on 16 th February 2024 online mode at dr. R.K. Shanmugan College, Pune.

- Participated and completed **2-Week refresher/FDP Programme** for "Faculty in Universities/Colleges/Institutes of Higher Education" with B grade organized by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by Ministry of Human Resource Development (MHRD) Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST), New Delhi, from Sept 20 - Oct 04, 2021.
- Participated and completed **4-Week Induction/Orientation Programme** for "Faculty in Universities/Colleges/Institutes of Higher Education" with **A grade** organized by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by Ministry of Human Resource Development (MHRD) Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST), New Delhi, from June 26 - July 24, 2020.
- **Online Workshop on** Research writing and legal aspect of academic research (Botany) Organized by **Faculty Development Program** Centre UGC-Human resource Development centre, Savitribai Phule Pune University, Pune, from 12/06/2020 to 13/06/2020.
- Participated and completed PMMMNMST, MHRD sponsored **National Workshop on Teaching and learning skills in Taxonomy, Biodiversity and Bioprospecting of Fungi'** organized by Department of Botany, Savitribai Phule Pune University, Pune, from 20/12/2018 to 22/12/2018.
- **One week Faculty development program on Mathematics for Biological Sciences (Botany)** organized by Tulshiram Chaturchand College, Department of Botany, Savitribai Phule Pune University, Pune, 03/12/2018 to 09/12.20218.

General

- **Nationality:** Indian
- **Date and Place of Birth:** 12th September 1979, Manchar, Maharashtra.
- **Address for Correspondence:** Department of Botany, Pratibha College of Commerce and Computer Studies,(Affiliated to University of Pune, Pune) Kalbhornagar chinchwad, Pune – 411 019, Maharashtra, India
- **Permanent Address:** Sr.No. 286, Kakadetownship, Keshav nagar, Chinchwadgaon, Pune- 411033.

- **Qualification**

M.Sc. (Botany - Plant Biodiversity), Ph.D.

Education

MBA in ESG (Environmental, Social & Governance) -Currently Pursuing (Expected Completion: 2026)

Ph. D. (Environmental sciences Equivalent to Botany)

July 2016, Department of Environmental Sciences, Savitribai Phule Pune University, Pune, Maharashtra.

M. Sc. (Botany)

Botany (Specialization: Plant Biodiversity), June 2008, **First class with distinction (71.90%)** Department of Botany, Ramakrishna More College, Akurdi, affiliated by University of Pune, Pune, Maharashtra.

M.A. (English-Linguistic) - July 2006, External –Savitribai Phule Pune University, Pune

B. Sc. (Botany)

Botany, June 2003, **75.9% '1st class with distinction'**, Department of Botany, Annasaheb Awate College, Manchar, Pune, Maharashtra.

D.Ed.

July 2001, **67.58% Grade-B** Maharashtra State Exam Board, Pune, Maharashtra, India.

RESEARCH PROFILE

Number of Research Publications	= 08
Number of Citations	= 306
Highest IMPACT FACTOR	= 5.95 (JETIR Journal)
H- Index	= 03

Papers published/accepted in the International Journals

1. **Nisha R. Choudhari**, D.M. Mahajan, Spatial variability of soil organic carbon stocks in an industrial urban ecosystem: A case study of Pimpri-Chinchwad, India, Ref: Submission ID 86a3f17d-a0b6-4db6-8faf-739762c9fdc0, **springernature.com. (2025).**
2. **Nisha R. Choudhari**, Shital Kadam, Kirti Nitnaware, Yogesh Jorapur, and Vinayak

Lokhande, Foxtail Millet a Fortifying Climate-Resilient Crop for Sustainable Agriculture and Nutrition, Copernicus Indexed, Research Journal of Pharmaceutical, Biological and Chemical Sciences (2025).

3. **Nisha R. Choudhari**, Yogesh R. Jorapur, Anjali Kulkarni, Tulika Chatterjee, and Sulbha G. Velhal, (2024), Chemical, Nutritional, and Biomolecular Characteristics of Finger Millet (*Eleusine coracana* L.), **Scopus Indexed**, Afr.J.Bio.Sc.6.12 (2024).
4. **Nisha R. Choudhari**, D.M. Mahajan, V.R. Gunale and M.G. Chaskar, (2021), Tree Biomass Carbon And Its Importance In An Urban Industrial Area, in International Open Access Journal, **UGC Care listed**, Vidyabharati International Interdisciplinary Research Journal (ISSN 2319-4979).
5. **Nisha R. Choudhari**, D.M. Mahajan, V.R. Gunale and M.G. Chaskar, (2019), Exotic versus Native plant species role in Urban Biomass Carbon Sequestration, in International Open Access Journal, UGC listed, **Journal of Emerging Technologies and Innovative Research** (ISSN : 2349-5162)) ISSN UGC Approved (Journal No: 63975) & **Impact Factor-5.87**.
6. **Nisha R. choudhari**, D.M. Mahajan, V.R. Gunale and M.G. Chaskar, (2014) Assessment of carbon sequestration potential in an urban managed garden in the pimpri-chinchwad city, Enviroiment observer ISBN 978-93-83414-18-5, volume (II) pp.41-44.
7. **Nisha R. Choudhari**, D.M. Mahajan, V.R. Gunale and M.G. Chaskar, (2013) Carbon storage potential of street side perennial vegetation in urban areas at Pimpri-chinchwad, environment observation ISSN 2320-5997, volume 14 pp,122-123.
8. Hangarge, L.M., D.K. Kulkarni, V.B. Gaikwad, D.M. Mahajan and **Nisha Choudhari** (2012) Carbon Sequestration potential of tree species in Somjaichi rai (sacred grove) at Nandghur village, in Bhore region of Pune District, Maharashtra State, India. Annals of Biological Research Vol. 3(7): 3426-3429.

Papers presented / participated in International / National Conferences / Symposia / Workshops

1. **Nisha R. Choudhari** Presented Research paper of one days International Conference on Agriculture, Environment and Life Sciences-2025, Yashwantrao Chavan Institute of Science, Satara (MS, India)
2. **Nisha R. Choudhari** Presented Research paper and Judge of one days International Conference on Exploring Innovations in Life Sciences -2024 on 23 rd March 2024, at Annasaheb Awate College, Manchar, Pune.
3. **Nisha R. Choudhari** participated One Day Teachers workshop on NEW Revised syllabus of T.Y. BSc. Botany Jointly Organized by Savitribai Phule Pune University, Pune & Prof. Ramkrishna More arts, Commerce, Science College, Akurdi, Pune. Ramkrishna More College, Akurdi, Pune, Dated 03/09/2021
4. **Nisha R. Choudhari** participated One Day Webinar On "Restructuring of S.Y.B.Sc. Botany Syllabus" Jointly Organized Department of Botany, Vidya Pratishthan's College, Baramati and Savitribai Phule Pune University, Pune, During 28-7-2020.
5. **Nisha R. Choudhari** participated "University level workshop on FY B.Sc. and M.Sc.-Ist

Credit system (Botany), jointly organized by savitribai Phule Pune University, Pune & Department of Botany, arts, Commerce & Science College, Sonai During 3rd September 2019.

6. **Nisha R. Choudhari** participated and presented paper entitled “The role of Exotic versus native plant species in urban biomass carbon sequestration” International Conference on New frontiers in Environmental and Allied Sciences, Prof. Ramkrishna More arts, Commerce, Science College, Akurdi, Pune. During 15th and 16th February 2019, **(POSTER PRESENTATION)**.
7. **Nisha R. Choudhari**, participated in Three Days Workshop on teaching and Learning skills in Taxonomy, Biodiversity, and Bioprospecting of Fungi, at Department of Botany, savitribai Phule Pune University, Pune – 411 007, under MHRD, Pune, During 20th to 22nd December-2018.
8. **Nisha R. Choudhari**, participated and presented research paper entitled “mapping of soil organic carbon stock using geostatistics in urban soils of Pimpri-Chinchwad city”. National Workshop on “application of geoinformatics in geographical and botanical studies” department of geography and botany, Sir Parshurambhau College affiliated to Savitribai Phule University of Pune, 30th and 31th January 2017. **(POSTER PRESENTATION)**.
9. Nisha R. Choudhari presented paper on “Mapping of Soil Organic Carbon Stocks using Geostatistics in Urban Soils of Pimpri-Chinchwad City”, National Workshop Applications of Geoinformatics Geographical and Botanical Studies, Department of Geography and Department Of Botany, S.P. College, Pune, January 2017.
10. **Nisha R. Choudhri**, D.M. Mahajan V.R.Gunale And M.G. Chaskar, “Exotic Tree Species Carbon Accumulation Potential At Residential Zone In An Urban Area At Pimpri Chinchwad” international on environmental system and sustainable development, Chandamal Tarachand Bora Collage, Shirur, Dist-Pune, India, January 2016 **(POSTER PRESENTATION)**.
11. **Nisha R. Choudhri**, D.M. Mahajan V.R.Gunale and M.G. Chaskar, “Assessment Of Carbon Sequestration Potential In an Urban Garden in The Pimpri-Chinchwad City”, National Conference of Sustainable Energy Development and Environment Systems, Haribhai V. Desai Collage of Commerce, Art And Science, Pune, Jan 2014 **(POSTER PRESENTATION)**.
12. **Nisha R. Choudhri**, D.M. Mahajan V.R.Gunale And M.G. Chaskar, potential assessment of ground vegetation and soil organic carbon sequestration, National conference on energy and environmental science, university of pune, feb 2014 **(ORAL PRESENTATION)**.
13. **Nisha R. Choudhri**, D.M. Mahajan V.R.Gunale and M.G. Chaskar, Canbon Storage Potential of Street Side Perennial Vegetation in an Urban in Pimpri-Chinchwad, National Conference on Current Trend in Science and Technology (CTST), Indian Women Scientists’ Association (IWSA), Pune Branch, November 2013 **(ORAL PRESENTATION)**.
14. Nisha R. Choudhari participated in Seminar “Health and Nutrition”, Department of Environmental Science, University of Pune, March 2013.
15. **Nisha R. Choudhri**, D.M. Mahajan V.R.Gunale and M.G. Chaskar, Assessment Of Herbs Potential Towards Carbon Sequestration In An Urban Area Pimpri-Chinchwad, India.

National Conference On Carbon Credits: Roles And Responsibilities, Abhedha Inamdar Senior College, And Rotary Club Of Pune, February 2012. **(ORAL PRESENTATION).**

16.Nisha R. Choudhari participated in National Conference on Biodiversity Assessment, Conservation and Utilization, Maharashtra Education Society's Abasaheb Garware College, Pune and BIAF, Development Research Foundation, Pune, February 2012.

17.Nisha R. Choudhari participated in Seminar "Envoirnmental Pollution: Monitoring Assessment and Control", Department of Environmental Science, University of Pune, March 2012.

18.Nisha R. Choudhri, D.M. Mahajan V.R.Gunale And M.G. Chaskar, the soil carbon sequestration potential of an urban area a case study of pimpri chinchwad urban area, india. International conference of biodiversity and climate changes: adaptation and mitigation (urbio), deparment of humanities and sciences, IIT Bombay, October 2012 **(ORAL PRESENTATION).**

19.Nisha R. Choudhri, D.M. Mahajan V.R.Gunale and M.G. Chaskar, Assessment of Herbs Potential towards Carbon Sequestration in an Urban Hotspot (Durga-Hill, Pimpri Chinchwad). National Conference on Climate Change and Biodiversity, Department of Botany and Zoology, New Art, Commerce and Science College Parner, Dist_Ahmednagar, January 2011 **(ORAL PRESENTATION).**

20.Nisha R. Choudhri, D.M. Mahajan V.R.Gunale and M.G. Chaskar, Assessment Of Perennial Vegetation of Durga Hill Forest—an Urban Hotspot. National Seminar on Plant Bio-Diversity for Sustainable Development, Department of Environment Science, University of Pune, 2011. **(POSTER PRESENTATION).**

21. Nisha R. Choudhri, D.M. Mahajan V.R.Gunale and M.G. Chaskar, Assessment of above ground biomass study in an urban area pimpri-chinchwad. Seminar of strategic approaches towards Environmental Science, University of Pune, 2011 **(ORAL PRESENTATION).**

22.Nisha R. Choudhari participated in Workshops on "SPSS FDP on Research and Data Analysis Using SPSS 18.0" Department Of Physical Education, University of Pune October 2011.

23.Ms. Bhor J.B. (Nisha R. Choudhari) participated in Indo-Italian Conference on Green and Clean Environment, MAEER's MIT College of Engineering, Pune, March 2008.

Certificate Course Completed:

- Sustainability and Corporate Environmental, Social, Governance (ESG) Skill Training Course-Certification (2026)
- NPTEL–SWAYAM (MoE, Govt. of India) Certification (2023).
- Tissue Culture Commercial Course Was Completed, Pragati Biotech, PCMC, Pune.
- MS Office Course Completed By State Government Recognized.

EXTRACURRICULAR & PROFESSIONAL TRAININGS:

1. Certified Yoga Teacher (1 year, 2025, Yogvidyadham Nashik, Maharashtra, India, Ayush Government Recognized).
2. Certified Pranayama & Meditation Teacher (60 hours, 2025, Shubh Yoga Foundation, Rushikesh, Uttarakhand, India, Ayush Government Recognized).
 - Ability to conduct wellness workshops for students & professionals
 - Expertise in stress management, breathwork, and holistic health
 - Conducted the sessions on the carbon audit / carbon study of three days' workshop: Mobilizers capacity building training on Carbon study, FRA & PBR.
 - Conducted a workshop on "Herbal and Cosmetic products" for Undergraduate BSc. Students, From SPPU Colleges.
 - Completed Certified Course From "Wastage To Usable Things" Conducted By Nisargsevak.
 - Worked as a Resource Person For Conducted Project Based Competition for School Children in the Apte Prashala, Deccan, Pune By Nisargsevak.
 - Attended the Animal Welfare Training Camp "Animal Welfare and Environment" RSSP Adhyapak Vidyalaya, Khothrud, Pune.
 - Working As Resource Person for Natural Trails.
 - Actively Participated In Various Programs Such As Environmental Awareness Programmes, Tree Plantations, Presentation and Lectures etc.