### Information for profiling

Basic Info.	Name : Dr (Mrs.) Jogita Tushar Pandkar
	<b>Designation</b> : Professor
	Department :Botany
	E-mail:jogita.pandkar@despune.org
	jogita.pandkar@fergusson.edu
	pandkarjogita@gmail.com
	Work experience
	Teaching: 20 years
	Research: 15 years
Personal Profile	For the past 20 years joyfully teaching Botany subject
	to UG and PG students. I am also passionately
	involved in developing scientific skills among the
	students orienting them towards research approach
	within them. Also encourage students for developing
	entrepreneurship and women empowerment.
Course(s)	Plant Diversity
Taught	Plant Resources: Management and Utilization I
	Industrial Botany I
	Algae Fungi Bryophytes

	Cryptogamic Botany
	Pteridophyte, Gymnosperms and Paleobotany
	Taxonomy of Angiosperms
	Fundamentals of Plant systematics and Plant
	Ecology
	Plant Taxonomy and Ecology
	Structural Botany
	Plant Anatomy, Embryology and Palynology
	Plant Ecology and Biodiversity
	Genetic and Plant Breeding
	Plant Pathology
	Plant Physiology and Biochemistry
	Computational Botany
	Morphology and Anatomy of Angiosperms
Field of	• Algae
specialization	Aerophycology
Education	B.Sc, M.Sc, B.Ed, Ph.D.
Qualifications	
(upto	
Graduation)	
Awards, Honors	3 <sup>rd</sup> Merit in M.Sc

Professional	The Botanique
Membership	Indian Aerobiological Society
Employment	• Working as Professor, Department of Botany,
History	Fergusson College (Autonomous), Pune since
	November 2005.
	• Worked as Lecturer, Department of Botany,
	Nowrosjee Wadia College, Pune from July 2003
	to October 2005.
	• Worked as Assistant teacher for secondary
	section in Priyadarshini English School, Pune
	from 2002-2003.
	Worked as Assistant teacher for Junior College in
	Vikhe Patil Memorial School, Pune in 2003.
Research	Research Projects
	• Completed a BCUD research project on
	"Aerophycological Studies of Pune
	Environment", funded by BCUD, Pune
	University (2009-2011).
	• Completed Minor Research Project Entitled "
	Bio-assay of Spirogyra, The common water
	bloom algae for its industrial application", funded
	by UGC, Pune (2017-2019).

- Completed CPE Project entitled "Ethnobotanical study of Katkari tribe of Lonavala and Area under CPE: UG (2013-2014).
- Completed CPE Project entitled "Algal Diversity of Fergusson College Pune under CPE: UG (2014-2015).
- Completed CPE Project entitled "Algal Diversity of Hanuman Takade, Fergusson College Pune under CPE: UG (2019-2020).

### Research Guidance Ph.D Scholar

- Guided Mrs. Apurva K. Kamble (Ref. No: PGS/Ph.D/ 5248 w.e.f 15/03/2018) for her Ph.D degree on "Aero-Algal Studies of Pune City and its Suburbs" and has been awarded Doctorate degree from Savitribai Phule Pune University on 30/05/2022.
- Guiding Mr Prabhu Ram Bhayal (Ref. No: PGS/Ph.D/ 4323 w.e.f 15/03/2018) for his Ph.D degree on "Study of Aerophycological Flora of Mumbai" from Savitribai Phule Pune University.

Guiding Mrs Ayesha R. Saikh (Ref. No: PGS/PGS/ 4341 w.e.f 31/03/2022) for her Ph.D degree on "Studies of Freshwater Algal Flora of Ujjani Water Reservoir Associated with Bhigwan Bird Sanctuary" from Savitribai Phule Pune University.

#### **M.Sc Students**

- Guided Ms. Sankhya J. Dhekale (2012-2013) for her M.Sc Project entitled "To check antimicrobial activity of marine algae from coast of Dapoli" submitted to University of Pune, for the degree of Master of Science in Botany.
- Guided Akshata A. Pawar (2013-2014) for her M.Sc Project entitled "Extraction and Characterization of Algal Mucilage from Spirogyra" submitted to University of Pune, for the degree of Master of Science in Botany.
- Guided Charushila J. Savekar (2013-2014) for her M.Sc Project entitled "Studies on Extraction of Algal Mucilage" submitted to Savitribai Phule Pune University, for the degree of Master of Science in Botany.

- Guided Ms. Shafaq. A. Shebde (2014-2015) for her M.Sc Project entitled "Study of Quantitative Analysis of Spirogyra for its industrial application" submitted to Savitribai Phule Pune University, for the degree of Master of Science in Botany.
- Guided Ms. Arpita S. Keskar (2014-2015) for her
   M.Sc Project entitled "Biochemical Analysis of
   Marine Algae used as body scrubs & body
   wraps" submitted to Savitribai Phule Pune
   University, for the degree of Master of Science in
   Botany.
- Guided Mr. Pratik Sawant (2015-2016) for his M.Sc Project entitled "Sequential extraction of Certain Algal Metabolites" submitted to Savitribai Phule Pune University, for the degree of Master of Science in Biochemistry.
- Guided Ms. Gitanjali V. Bhalekar (2018-2019)
  for her M.Sc Project entitled "Sequential
  extraction and biochemical analysis of
  chlophycean algae" submitted to Savitribai Phule
  Pune University, for the degree of Master of
  Science in Biochemistry.

### Research papers presented in Conference/Seminar/Webinar:

- Presented paper entitled "Aero-algal flora of Nagpur Environment "at 13<sup>th</sup> National Conference on "Aerobiology" organized by Department of Botany, Institute of Science, Nagpur held on 31<sup>st</sup> January – 2<sup>nd</sup> February 2005.
- Presented paper entitled "Algal air spora of Nagpur through rain water culturing " at 13<sup>th</sup> National Conference on "Aerobiology" organized by Department of Botany, Institute of Science, Nagpur held on 31<sup>st</sup> January 2<sup>nd</sup> February 2005.
- Presented paper entitled "Aerophycology of Nagpur-II " at National Seminar on "Current Trends in Plant Bioresource Utilization" organized by Department of Botany, University of Pune, Pune held on 26<sup>th</sup> – 27<sup>th</sup> February 2007.
- Presented paper entitled "Vertical and Horizontal Aero-algal Sampling at Nagpur " at National Conference on "Recent Trends and Strategic Development in Biosciences" organized by

- Department of Microbiology, Waghire College Saswad, Pune held on 29<sup>th</sup> 31<sup>st</sup> December 2008.
- Presented paper entitled "Aerophycological Studies Of Pune Environment "at Innovation 2009- 10 Regional conferences for university college Teachers , organized by VidyaPratishthans Arts Science & Commerce College, Baramati, held on 19<sup>th</sup> -20<sup>th</sup> December 2009.
- Presented paper entitled "Terrestrial and subaerial algal flora of fergusson college" at National Conference on "Recent Trends in Botany held at K.J.Somaiya College Of Arts, Commerce & Science, Kopargaon from 28th 30th January 2010.
- Presented paper entitled "Investigation Of Aero-Algae At Human Breathing Level From Nagpur" at National Conference on "Current Scenario On Global Challenges In Germplasm Conservation And Biodiversity held at PGTD Of Botany, Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur from 7th -8th July 2010.

- Presented paper entitled "Fan Dust Sampling- A new approach to aerobiological sampling" at 16<sup>th</sup> National Conference on Aerobiology & National Symposium on Applications of Biotechnology in Environment Management & Medicine" held at Bapuji Institute of Engineering and Technology, Davangere, Karnataka on 20<sup>th</sup> 21<sup>st</sup> November 2010.
- Presented paper entitled "Aerophycological Studies Of Pune Environment "at Innovation 2010 Regional conferences for university college Teachers, held at VidyaPratishthans Arts Science & Commerce College, Baramati, on 23th 24th November 2010.
- Presented paper entitled "presence of high algal diversity in pune air" at international conference on "Biodiversity and its Conservation " held at Modern College of Arts, Science and Commerce, Pune from 28<sup>th</sup> to 30th Jan. 2011.
- Presented paper entitled "Reporting Rare Green Algae *Oedocladium* from Pune " at National Seminar on " Plant Biodiversity For sustainable Development " held at Department of botany,

- University of Pune, Pune, on  $10^{th} 12^{th}$  March 2011.
- Presented paper entitled "Effect of humidity on the distribution and occurrence of Aero-algal forms" at international conference on "Business opportunities in Life Sciences" held at Modern College of Arts, Science and Commerce, Pune from 28<sup>th</sup> to 30th Jan. 2012.
- Presented paper entitled "Vertical Aero-Algal Sampling of Nagpur, Maharashtra" at National Conference on "Recent Trends in Plant Sciences" held at TuljaramChaturchand College, Baramati, Pune from 3<sup>rd</sup> to 5<sup>th</sup> Feb. 2012.
- Presented research report on "Aerophycological Studies of Pune Environment" at Regional Research Conference in Science "Innovation 2012" held at Bharatiya Jain Sanghatana's Arts, Science and Commerce College, Wagholi, Pune from 26<sup>th</sup> to 27<sup>th</sup> Mar. 2012.
- Participated in "Impact of Airborne Microbes" in17<sup>th</sup> National conference of Indian Aerobiological Society jointly organized by MAEER's Art's, Commerce and Science college,

- Pune and MAEER's Maharashtra Institute of Pharmacy, Pune during the period 13<sup>th</sup>-15<sup>th</sup> December, 2012 and presented Research Paper orally
- Presented a paper entitled "Effect of humidity on the occurance of aero algal forms" during UGC sponsored National Seminar on "Recent trends in Life Sciences" held on 21<sup>st</sup> and 22<sup>nd</sup> December 2012 organized by the Department of Botany, Bharati Vidyapeeth Deemed University, Yashwantrao Mohite college, Pune.
- Presented a paper entitled "Aeroalgal sampling of a cinema hall" during UGC sponsored National Conference on "Concepts and New Trends in Aerobiology & Allergy" held on 29<sup>th</sup> and 30<sup>th</sup> November 2013 organized by the Botany and Zoology Department of Hazarimal Somani College of Arts and Science & Jayaramdas Patel College of Commerce & Management Studies, Mumbai 400007.
- Presented a paper entitled "Cooling Tower and its Effect on Aero-Algal Counts" during UGC sponsored 6<sup>th</sup> National Seminar on "Future

Prospects of Biosciences" held on 17<sup>th</sup> and 18<sup>th</sup> January 2014 organized by the Department of Botany, Bharati Vidyapeeth Deemed University, Yashwantrao Mohite college, Pune.

- Participated Presented and entitled paper "Enlisting Algal Diversity from places, a possible source of aero algal dispersal during International Conference "Innovative on TrendsIn Chemical, Physical and Biosciences" PDEA's Annasaheb Magar held at Mahavidyalaya, Hadapsar, Pune on 9th and 10th February 2016.
- Attended and presented a research poster entitled,
   "Freshwater, Terrestrial and Sub-Aerial Flora of Bhuleshwar Temple" in international conference on, "New Frontier in Environment and Allied sciences", organised by Pune District Education Association's Prof. Ramkrishna More Arts,
   Commerce and Science College, Akurdi, Pune.
- Participated and Presented paper entitled "
   Biodiversity and Wastewater Management" in
   two day State Level Conference on "Current

- Status of River Water in Pune with Reference to Pollution, Management and Restoration" Organized by Haribhai V. Desai College, Pune on 3<sup>th</sup> to 4<sup>th</sup> February 2020.
- Participated and Presented paper entitled "
  Reporting Freshwater Algae from Sanjay Gandhi
  National Park" in one day international
  conference on "Recent Trends in Science and
  Technology" Organized by Deccan Education
  Society's, Willingdon College, Sangli on 29th
  June 2022.
- Participated and Presented paper entitled Comparative Account of Aero-Algal forms from Fergusson College Pune" campus, conference "Changing international on Perspectives in Environment, Management, Humanities, Sciences and Technology" jointly Organized Lalbahadur Shastri Sr. by College, Jalna, Arts, Commerce & Science College, Sonai, Ahmednagar & Yuvaraja's College Mysuru, Karnataka from 14<sup>th</sup> to 15<sup>th</sup> July 2022.

#### **Publications**

- Pandkar Jogita. T., Apeksha D. Patil and Monali
   M. Ovhal 2010 Terrestrial and Sub-aerial Flora
   Of Fergusson College, Flora and Fauna Jan.
   2010 special issue pp. 15- 16.
- Jogita T. Pandkar and J. L. Tarar 2010 Air Borne Algal Pollutants From Vegetable and a Fish Market At Nagpur, The Botanique, Vol 14 (1) pp 22-27.
- Jogita T. Pandkar 2011 Presence of High Algal Diversity in Pune Air , Proceedings of International Conference on Biodiversity and its conservation 28 – 30 January 2011 PD-7 pp-1-10.
- Jogita T. Pandkar 2011 Preliminary Study Of Allergic Algae Of Air at Human Breathing Level From Nagpur, Biosciences, Biotechnology Research Asia Vol 08 (1) 2011pp. 159-164.
- Jogita T. Pandkar 2012 Fan Dust Samples- A
   New Approach to Aero-phycological Sampling,

- Biosciences, Biotechnology Research Asia Vol 08 (2) 2011pp. 795-799.
- Jogita T. Pandkar 2012 Reporting Rare Green
   Algae *Oedocladium* from Pune, Ad. Plant Sci.
   25 (I) pp. 147- 148.
- Pandkar J .T 2013 Aeroalgal Sampling of a cinema hall, International journal of Life Sciences, Special Issue, A1,pp 72-74.
- Jogita T. Pandkar 2013 Effect of humidity on the occurrence of aero-algal forms, The Botanique, Vol 17 (2) pp 112-115.
- Pandkar J. T 2017 Report on aero-algal form from Konkan Coastal area, Annals of Plant Science, Vol. 6; Issue. 11, PDF 1772-1774.
- Jogita. T. Pandkar (2018) Water vapour formation causing reversible aerodynamic effect on the distribution of aero-algal forms, Annals of Plant Sciences; vol.7 (1): PDF 1936-1940.
- Jogita. T. Pandkar (2018) Effect of manipulated environmental condition on the distribution of

Aero-algal Counts, Current Botany; Vol- 9: 13-16.

DOI: https://doi.org/10.25081/cb.2018.v9.3391

- Jogita T. Pandkar and Apurva K. kamble (2020)
   Freshwater, Terrestrial and sub-Aerial Algal
   Flora of Bhuleshwar and Baneshwar Temples,
   Annals of Biology; Vol- 36 (3): 430-435.
- Jogita Tushar Pandkar, Apurva Kapil Kamble, Sangharsh Prakash Hasnalkar and Harshal Netaji Babar (2020) Study of Varied Habitats and its Effect on Algal Diversity from Fergusson College, Pune, Biosciences Biotechnology Research Asia, June 2020; Vol- 17(2): 235-245.
   DOI: http://dx.doi.org/10.13005/bbra/2828
- Jogita T. Pandkar (2021) Impact of Seasonal Variation on the Distribution Pattern of Coccoid and Filamentous Cyanophycean Aero-Algae from Nagpur, India, Annals of Plant Sciences: Vol-10 (8): 4268 – 4279.

DOI

http://dx.doi.org/10.21746/aps.2021.10.8.1

• Kamble, A.K., and Pandkar, J.T.(2021): Enlisting aero-algal flora and algal allergens using fan dust sampling method from Pune, Maharashtra. Biosci.,Biotech. Res. Asia; Vol-18 (4):

DOI: http://dx.doi.org/10.13005/bbra/2958

Participations in Conferences/Se minars/Symposi a/Workshop

#### **Participation in FDP:**

- General Orientation program at UGC-ASC University of Pune, Pune 411007 from 03/11/2008-30/11/2008 under UGC Scheme.
- Refresher Course in Environmental Science (Botany) at Departmental of Environmental Science, University of Pune, Pune 411007 from 07/03/2012 to 27/03/2012 under UGC Scheme.
- Refresher Course in Environmental Science (Botany) at Departmental of Environmental Science, University of Pune, Pune 411007 from 01/03/2013 to 21/03/2013 under UGC Scheme.
- Short Term Course of one week for Senior Faculty on Research Methodology at Department of Education and Research Extension, Savitribai Phule Pune University, Pune 411007 from 06/06/2016 to 12/06/2016.

#### **Online FDP**

- Short term FDP on 'Research Writing And Legal Aspects Of Academic Research' organized by Faculty Development Centre UGC- Human Resource Development Centre, Savitribai Phule Pune University, Pune 411007 from 12/06/2020 to 13/06/2020 under PMMMNMTT scheme.
- Short term six days FDP on 'Mathematics for Biological Sciences' organized by Shardabai Pawar Mahila Arts, Commerce & Science College, Baramati, Pune 413115 from 15/06/2020 to 20/06/2020 under U.G.C-HRDC, Savitribai Phule Pune University, PMMMNMTT scheme.
- Participated in one-week Pedagogical Training for Teachers on 'Tools for online Teaching Learning and Evaluation' organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded from 1<sup>st</sup> July to 6<sup>th</sup> July 2020.
- Participated in Summer School on "Taxonomy and Ecology of Freshwater Diatoms" organized by the Agharkar Research Institute Pune from 16<sup>th</sup> – 20<sup>th</sup> May 2022.

# Participations Conferences/ Seminars/ Symposia/ Workshop:

- Attended 8<sup>th</sup>National Conference on "Aerobiology" organized by Department of Botany, Yashwantrao Mohite College, Pune held on 7<sup>th</sup> – 9<sup>th</sup> March 1996.
- Attended One day Seminar on "Biophysics" organized by Department of Biotechnology, Fergusson College, Pune held on 31<sup>st</sup> October 2006.
- Attended one day seminar on "Current trends in life sciences "organized by Department of Botany, Fergusson College, Pune on 28<sup>th</sup> February 2008.
- One day Workshop on "Revised syllabus of F.Y.B.Sc Botany Practicals organized by Department of Botany, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune held on 19<sup>th</sup> July 2008.
- One day Workshop on "Biodiversity: Conservation and Management" at NCL, Pune on 23rd October 2008.

- One Day Seminar on "Advanced Techniques in Biosciences" organized by Department of Botany, Fergusson College, Pune held on 17<sup>th</sup> February 2009.
- Attended National conference on "climate Change and Challenges in Biodiversity Conservation "organized by Department of Zoology, Fergusson College, Pune, held on 11th 12th December 2009.
- Attended National Workshop on "Computer Assisted Instruction" organized by Department of English, Fergusson College, Pune From 4<sup>th</sup> – 6<sup>th</sup> March 2010.
- Participated in the training workshop on "
   Mentoring Skills " organized by Department of
   Psycology, Fergusson college, Pune held on 15<sup>th</sup>
   October 2010.
- Presented paper entitled "Vertical Aero-Algal Sampling of Nagpur, Maharashtra" at National Conference on "Recent Trends in Plant Sciences" held at TuljaramChaturchand

College, Baramati, Pune from 3<sup>rd</sup> to 5<sup>th</sup> Feb. 2012.

- Attended State level Seminar on "Research Orientation and Methodology" held at Padmashree Dr. D. Y. Patil Arts, Commerce and Science College, Pimpri, Pune from 9<sup>th</sup> to 10<sup>th</sup> Feb 2012.
- Attended one Day Seminar on "Molecular Biology and Plant Biotechnology "held at P.G Department of Botany, Fergusson College, Pune, on 28th February 2012.
- Attended one day Seminar on "Science and Society" held at Department of Environmental Science, University of Pune, Pune on 8<sup>th</sup> Mar. 2012.
- Participated in workshop on F.Y.B.Sc. Question
   Bank preparation under "Examination Reforms
   UGC XI Plan "from 28<sup>th</sup> 30<sup>th</sup> March 2012.
- Attended National Conference on "Role of Spirituality in Education "held at Modern

- College of Arts, Science and Commerce, Shivajinagar, Pune, on 27<sup>th</sup> 28<sup>th</sup> April 2012.
- Participated in "Biodiversity Monitoring and Research Current Practice and Future Needs" organized by Fergusson college, Pune on 7<sup>th</sup> and 8<sup>th</sup> December 2012.
- Participated in Flora 2012, The annual Fest of Department of Botany, Fergusson college, Pune from 26<sup>th</sup> and 27<sup>th</sup> December 2012.
- Participated in "Impact of Airborne Microbes" in17<sup>th</sup> **National** conference of Indian Aerobiological Society jointly organized by MAEER's Art's, Commerce and Science college, Pune and MAEER's Maharashtra Institute of Pharmacy, Pune during the period 13<sup>th</sup>-15<sup>th</sup> December, 2012 and presented Research Paper orally.
- Participated in "International Conference on Perspectives of Computer Confluence with Sciences" organized by NowrosjeeWadia College, Pune from 10<sup>th</sup>-12<sup>th</sup> December 2012.

- Attended one day seminar on "Recent Trends in mycology and Plant pathology" organized by P.G. Department of Botany, Fergusson College, Pune on 17<sup>th</sup> August 2012.
- Attended one day seminar on "concepts in Biotechnology" organized by Department of Botany, Fergusson college, Pune on 13<sup>th</sup> February 2013.
- Participated in 2 day national conference on 'Advances in chemical sciences with special reference to molecular spectroscopy,material science and organic electronics" on 19<sup>th</sup> and 20<sup>th</sup> December 2014 organized by Department of Chemistry, Fergusson College,Pune.
- Attended and participated in one day state level seminar on "Recent trends in plant Sciences" on 9th January 2015 organized by BCUD, SavitribaiPhuleUnivesity and B.G. College, Sangvi, Pune-27.
- Attended and participated in National Workshop on "Recent Advances in Cell Biology and

Molecular Biology" held on 5<sup>th</sup>and 6<sup>th</sup>February 2016 organized by Department of Botany and Zoology, Sir Parashurambhau College, Pune.

- Attended and participated in two day state level seminar on "Conservation of Biodiversity" on17<sup>th</sup> and 18<sup>th</sup> February 2017 organized by AbedaInamdar Senior College of Arts, Science & Commerce, Pune.
- Attended, and participated in three days training programme on "Use of Information and Communication Technology (ICT) for Effective Teaching" organized by Deccan Education Society on 17th, 19<sup>th</sup>and 20th June 2017.
- Attended and participated in the state level workshop on "Hands on training on molecular techniques" organised by Department of Botany, Fergusson College, Pune on 12 & 13th<sup>th</sup> January 2018.
- Attended and participated in the state level workshop on "Teaching, learning and Pedagogy in Plant Physiology and Biochemistry"

- organized by Department of Botany, SavitribaiPhule Pune University, Pune on 3<sup>rd</sup>& 4<sup>th</sup> March 2018.
- Attended and participated in the state level workshop on "R- Software "organized by Department of Statistic, Fergusson College, Pune on 7<sup>th</sup> & 8<sup>th</sup> March 2018.
- Attended National webinar on "Effective Teaching-Learning & Evaluation using Learning Management System:MOODLE" organized by Vidya Pratishthan's Arts, Science & Commerce college, Baramati on 8th May 2020.
- Attended National webinar on "Implications of COVID on education sector and the way forward from the lens of climate change and sustainability" organized by IQAC Deccan Education Society's Kirti M. Doongursee College of Arts, Scienc and Commerce, Baramati on 16<sup>th</sup> May 2020.

- Attended National webinar on "Role of Environment for sustainable future" organized by Department of Botany and IQAC on 5<sup>th</sup> June 2020.
- Attended Five Day National webinar series on "
   Parivartan: Changing Scenario in Science,
   Education and Psychology- A combined
   Approach" organized by Government Science
   College, Veraval From 27<sup>th</sup> May to 31<sup>st</sup> May
   2020.
- Attended Two Day Faculty Development Program on "Online Teaching & E- Content" organized by St. Xaviers College, Mumbia from 3<sup>rd</sup> June to 4<sup>th</sup> June 2020.
- Attended National webinar on "Urban Biodiversity" on the occasion of World Environment Day 2020 organized by SVKM'S Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College of Commerce and Economics on 5th June 2020.
- Attended National webinar on "Intellectual Property Rights" organized by Department of Chemistry in collaboration with IQAC of SIES

- College of Arts, Science & Commerce (Autonomous) on 6<sup>th</sup> June 2020.
- Attended National webinar on "Biodiversity Conservation During COVID-19" organized by Department of Botany (U.G & P.G), Andhra Loyola College, Vijayawada on 13<sup>th</sup> June 2020.
- Attended National webinar on "Understanding the New Normal: Coming face to face with the anxieties faced by teachers after lockdown" organized by Department of Psychology, Fergusson College (Autonomous), Pune on 3<sup>th</sup> June 2020.
- Attended online Two Day workshop on "
  Research writing And Legal Aspects of
  Academic Research" organized by Faculty
  Development Centre UGC- Human Resource
  Development Centre, Savitribai Phule Pune
  University, Pune from 12th June to 13th June
  2020.
- Attended National e-conference on "Medicinal & Wild Edible Plants – The Immunomodulators for COVID- 19 pandemic" organized by Department of Botany, Smt. Radhabai Sarda

- Arts, Commerce & Science College, Anjangaon Surji Dist- Amravati (Maharashtra) on 22<sup>nd</sup> June 2020.
- Attended National webinar on Amazing worldof pollination" organized by Post Graduate Department of Botany, Nevjabai Hitkarini College, Bramhapuri, Dist- Chandrapur on 30<sup>th</sup> June 2020.
- Attended National webinar on "Recent Trends in Plant Biotechnology and Application's" organized by Department of Botany (P.G), Andhra Loyoia College, Vijayawada on 15<sup>th</sup> July 2020.
- Attended National webinar on "Restructuring of S.Y.B.Sc Botany Syllabus" organized by Vidya Pratishthan's Arts, Science & Commerce college, Baramati on 27<sup>th</sup> July 2020.
- Attended International webinar on "Changes in Education: After Covid-19" organized by Navneet Education Society's Navneet College of Commerce & Scince, Mumbai central and IAA- Thane Branch on 7<sup>th</sup> June 2020.

- Attended Five Days online International workshop on "Intricacies of NAAC Assessment for Better scoring" organized by St. Francis de sales college, Nagpur from 27<sup>th</sup> July to 31<sup>st</sup> July 2020.
- Attended National Webinar on "Understanding the New Normal: Coming face to face with the anxieties faced by teachers after lockdown" organized by Department of Psychology, Fergusson College (Autonomous), Pune on 3th June 2020.
- Attended National Webinar on "Role of Environment for sustainable future" organized by Department of Botany and IQAC, Fergusson College (Autonomous), Pune on 5th June 2020.
- Attended National Webinar on "Urban Biodiversity" organized by SVKM'S Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College of Commerce and Economics on 5th June 2020.
- Attended National Webinar on "Biodiversity Conservation During COVID- 19" organized by

- Department of Botany (U.G & P.G), Andhra Loyola College, Vijayawada on 13th June 2020.
- Attended National e-conference on "Medicinal & Wild Edible Plants The Immunomodulators for COVID- 19 pandemic" organized by Department of Botany, Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji Dist- Amravati (Maharashtra) on 22nd June 2020.
- Attended National Webinar on "Amazing world of pollination" organized by Post Graduate Department of Botany, Nevjabai Hitkarini College, Bramhapuri, Dist- Chandrapur on 30th June 2020.
- Attended National Webinar on "Recent Trends in Plant Biotechnology and Application's" organized by Department of Botany (P.G), Andhra Loyoia College, Vijayawada on 15th July 2020.
- Attended National Webinar on "Restructuring of S.Y.B.Sc Botany Syllabus" organized by Vidya Pratishthan's Arts, Science & Commerce college, Baramati on 27th July 2020.

- Attended Five Days National Workshops on "Intricacies of NAAC Assessment for Better scoring" organized by St. Francis de sales college, Nagpur from 27th July to 31st July 2020.
- Attended Two Days National Conference on "Advances in Fungal Biotechnology" organized by School of life sciences, Swami Ramanan Teerth Marathwada University, Vishnupuri, Nanded, Maharashtra from 23rd - 24th January 2021.
- Attended Two Days International Webinar on "Global Trends in Algal Research,
  Environmental Restoration, Biomass
  Valorization and Sustainability" organized by
  Indian Institute of Technology Delhi, India and
  University of moratuwa, Sri Lanka from 8th 9th March 2021.
- Attended Two Days International Webinar on "Biodiversity in Fungi" organized by Department of Botany, Dr Babashaeb Ambedkar college of Arts, Science and

- Commerce, Mahad, Dis Raigad from 22nd 23rd March 2021.
- Attended Five Day Interdisciplinary Online
  Workshop on "Advance Teaching, Learning,
  Research Methodology and Innovations"
  organized by Saint Francis De Sales College,
  Nagpur from 1st June to 5th June, 2021.
- Participated in the One-Month Online
  Workshop on "Preventive Healthcare: Yog for
  Anxiety and Stress Management during Covid
  Pandemic" organized by the Department of
  Physical Education and Internal Quality
  Assurance Cell (IQAC), Janki Devi Memorial
  College from 21st May, 2021 to 21st June, 2021.
- Attended One Day National Webinar on "Constitution Day (Samvidhan Divas)" organized by Saint Francis De Sales College, Nagpur on November 26, 2021.
- Attended One Day National Webinar on "Swarnim Vijay Varsh- 50 Years of Victory in 1971 War"

• organized by Saint Francis De Sales College, Nagpur in collaboration with Prahar Samajh Jagruti Sanstha on 9th December, 2021. Participated in One Day National Webinar on "Fungi in Human Welfare" Organized by Department of Botany, New Arts, Commerce & Science College, Shevgaon on Wednesday, 5 th January 2022. Event Worked as Coordinator for National Webinar Organized/Conf "Trends in Algal Research" organized by erence/ Seminar/ Department of Botany, Fergusson College Workshops (Autonomous), Pune on 10<sup>th</sup> March 2022. coordinated Worked as Coordinator for One Day Workshop on "RESEARCH PUBLICATION AND IT'S ETHICS" Organized by Department of Botany, Fergusson College (Autonomous), Pune on 29th April 2022. Worked as Coordinator for Flora 2022 held on 9<sup>th</sup> April 2022.

## Additional Skills/Activities

- Worked as member of Time Table Committee,
   Fergusson College Pune.
- Worked as Science Coordinator for workshop on "Research Methology and Opportunities of Consultancy Services".
- Worked as Coordinator for Departmental event Flora.
- Working as member of F.Y.B.Sc Admission
   Committee, Fergusson College Pune (from 2007 till date.)
- Working as F.Y.B.Sc Div- C, Class Incharge,
   Fergusson College Pune (from 2011- till date)
- Working as F.Y.B.Sc Botany Practical Incharge, Fergusson college, Pune (from 2007 – till date)
- Working as mentor for UG students.