

Information for profiling

Basic Info.	<p>Name : Dr. Minakshi Chandrakant Mahajan Designation: Professor & Head Department: Botany E-mail: botany@fergusson.edu</p> <p>Work experience (in years) Teaching: 35 years Industrial: Research: 30 years</p>
Personal Profile	<p>I have joined this profession in 1987 In the journey of profession, got research guide recognition in Botany and environmental Science, 3 students are awarded Ph.D. I have completed research projects. I have published good number of research papers in national and International reputed journals. Published text books and 8 reference books on taxonomy, plant pathology and practical manuals. Worked on the project on plant diversity of Fergusson College campus and prepared catalogue.</p> <p>Academic positions held - Subject expert in interviews of Assist. Professors, Subject expert for Ph.D. presentations, interviews, External referee for Ph.D. viva voce examinations, Worked as custodian, senior supervisors, external and Internal for UG and PG practical examinations. Judge for science project exhibition, rangoli, painting, got prizes in cooking competitions.</p>

Course(s) Taught	Higher and Lower cryptogames, Morphology and Anatomy, Industrial Botany, Plant physiology, Genetics and Plant breeding, Plant Biochemistry, Plant protection, Plant pathology, Plant Ecology and Taxonomy, Plant Anatomy and Embryology, Horticulture, floriculture and Gardening
Field of specialization	Aerobiology
Education Qualifications (upto Graduation)	B.Sc., M.Sc., M.Phil., Ph.D. F.S.L.Sc.
Awards, Honors	Best teacher Awards from Lion club and Rotary club Pune
Employment History	1987- Joined D.N.Mahavidyalaya, Faizpur, Dist Jalgaon 1998 Joined Fergusson college till today
Research Publications	<p>MinakshiMahajan and B.N.Pande (2001). Atmospheric Concentration of Biodetergens in a library at Faizpur. International Journal of Pollution Research, Karad. Poll Res. 20(1): 67-69.</p> <ul style="list-style-type: none"> 2. MinakshiMahajan and Sumia Fatima (2001). Atmospheric concentration of Cercospora causing Tikka disease over groundnut field. International conference of SAARC countries on Biotechnology in Agriculture Industry and Environment Dept of Microbiology, Karad, PP 113-115. 3. MinakshiMahajan and B.N.Pande (2000). Fungal spores concentration in the poultry atmosphere .International Journal of Ecology, Environment and Conservation,

Karad, Eco. Env. & Cons. 8(4): 2002; PP 324 - 331.

- 4. MinakshiMahajan and B.N.Pande (2000). Atmospheric incidence of rust spores over groundnut fields. International Journal of Ecology Environment and Conservation. Karad Eco. Env.& Cons. 8(3): 2002; PP 257-259

- 5. MinakshiMahajan and Sumia Fatima (2002). Aerobiopollutants in indoor atmosphere . Proc. Nat. Conf. Environment Ergonomics and Epistemology. PP-54-56.

- 6. MinakshiMahajan, and Sumia Fatima (2002). A culture plate study of aerobiopollutants over groundnut field at Faizpur. Proc. Nat. conf. Environmental Ergonomics and Epistemology. PP 97-98.

- 7. Minakshi Mahajan (2002). Effect of 2, 4-D on cytology of Cassia tora. Linn. Proc state level conference on Current perspectives in plant & fungal Biotechnology. PP 59-64.

- 8. Sumia Fatima &MinakshiMahajan(2002). Biochemical studies of post-harvest rot of pine apple by Fusarium solanii. Proc state level conference on Current perspectives in plant & fungal Biotechnology PP 79-82

- 9. Minakshi Mahajan and Sumia Fatima (2002). Incidence of Insect“spartsin the airspora of two seasons over Groundnut field at Faizpur. .Proc. state level conference on Current perspectives in plant & fungal BiotechnologyPP 89-92.

- 10. Minakshi Mahajan and Sumia Fatima (2002). Variations in the airborne pollen spectra over Groundnut field at Faizpur. Proc

	<p>state level conference on Current perspectives in plant & fungal Biotechnology PP 115-120.</p> <ul style="list-style-type: none"> • 11. Vidya Pradhan, Sumia Fatima & Minakshi Mahajan (2002). Diseases of Medicinal plants – an important aspect of plant health. Proc state level conference on Current perspectives in plant & fungal Biotechnology PP 132-136. • 12. Sumia Fatima, Gangawane L.V. and M. C. Mahajan (2002). Effect of carbohydrate on the growth of Metalaxyl sensitive and resistant strain of <i>Phytophthora Drechsleri</i> F. Sp. Cajani . Proc state level conference on Current perspectives in plant & fungal Biotechnology PP 101-103. • 13. Minakshi Mahajan and Sumia Fatima (2002). Diurnal & Seasonal periodicity of spores of <i>Helminthosporium</i> over Groundnut field at Faizpur. Proc state level conference on Current perspectives in plant & fungal Biotechnology PP.147-154. • 14. Minakshi Mahajan (2004). Antioxidant activity & organic constituents of Curry leaf tree (<i>Murraya Koenigii</i>). Asian Jr. of Microbiol. Biotech. Env sc. Vo. 6, No. (2): 323-324. • 15. Minakshi Mahajan (2004). Biochemical analysis for predicting the Antioxidant status of purslane (<i>Portulaca oleracea</i>). Asian Jr. of Microbiol. Biotech. Env. sci. Vol. 6, No. (1) :155-156. • 16. Minakshi Mahajan (2004). Enzymatic and non-enzymatic antioxidants in Alubukhara (<i>Prunus domestica</i> Linn) Syn-<i>Prunus communis</i> huds. Asian Jr. of Microbiol.
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Biotech. Env sc. Vo. 6, No. (1):321-322.

- 17. M. C. Mahajan and B.N.Pande (2004). Volumetric survey of aeromycoflora Of Aurangabad .International Journal of Ecology Environment and Conservation Karad Eco. Env. & Cons. 10(1): 2004; PP. (101-103). ISSN- 971-765x

- 18. M.C.Mahajan& Sumia Fatima (2004). Effect of NaCl salinity on seed Germination and early seedling growth in Soybean. GEOBIOS 31: (71-72, 2004)

- 19. Minakshi Mahajan (2004). Effect of 2, 4-D on Seedling Anatomy of Cassia tora Linn. International Journal of Biosciences. Biotech. Research Asia 2(2): 2004; PP. (157-158). ISSN- 0973-1245. (Published by Oriental Scientific publishing company,P.O. Box 35, G.P.O. Bhopal- 462001.

- 20. Minakshi Mahajan (2004). Effect of 2, 4-D on Morphology and Anatomy of Cassia tora Linn. International Journal of Mendel. Vol 21 (3-4): PP. (115-116), 2004.

- 21. Kyanjai Rupa Mawthois, Rutudhwaj Deshpande Diksha Ware and Minakshi Mahajan (2006). Effect of monochromatic light on pigment Production and their toxicity on seed germination. International Journal of Ecology Environment and Conservations Karad Eco. Env. & Cons. 13 (1): 2006; PP 179-180). ISSN- 971-765x5

- 22. A Review article- Vikram viridi, Kavita Bose, Bhavishya, Minakshi Mahajan (2005). Petrocrops. International Journal of Ecology Environment and Conservation Karad, Eco.Env. & Cons. 11 (2): 2005; PP 311-314).

	<p>ISSN- 971-765x</p> <ul style="list-style-type: none"> • 23. Kyanjai Rupa Mawthois, Rutudhwaj Deshpande Diksha Ware and Minakshi Mahajan (2006). Effect of PH on pigment production of fungi and their toxicity on seed germination. International Journal of Ecology Environment And Conservations Karad Eco. Env. & Cons. 11 (2): 2006; PP 325-326). ISSN- 971-765x • 24. Article- Minakshi Mahajan (2006). Biodiversity in Fergusson College Campus. Fergusson College magazine- pp 24-26. • 25. Minakshi Mahajan (2007). Phycomycotina and ascomycotina over groundnut field at Faizpur International Journal of Ecology Environment and Conservations Karad Eco. Env. & Cons. 13 (3): 2006; PP 665-666). ISSN-971-765x • 26. Minakshi Mahajan (2007). Trapping Cunninghamella from air. International Journal of Ecology Environment and Conservations Karad Eco. Env. & Cons. 13 (3): 2006; PP 555-556). ISSN0970-9649 • 27. Article- Dr. Minakshi Mahajan (August 2008). Jevik vividhata. Runanubandha. RNI- MHMAR/1999/12735PP 12-13. Vijaykumar kolhe. D-10, gangaterres, Mundhava road, ganesh bag, Pune 411036. • 28. Cholke P.B. and Mahajan M.C. (2008). Assessment of culturable aeromycoflora at four different sites from Pimpri Chinchwad . International Journal of Mendel. Vol 25 (1-4): PP. (51-52). ISSN 0970-9649. • 29. Cholke P.B. and Mahajan M.C.
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(2008). Study of Aeromycoflora inside poultry shed. Indian J. Aerobiol., Vol21, No. 2 PP 73-78. ISSN No.0971-1546.

- 30. Cholke P.B. and Mahajan M.C. (2009). Mycoflora over Jowar crop at Pimpri Chinchwad India. International Journal of Ecology, Environment and Conservation 15 (1): 2009; PP. 489-494. ISSN- 971-765x.

- 31. Cholke P.B. and Mahajan M.C. (2009). Incidence of culturable molds in the dwellings of allergy patients . International Journal of Ecology, Environment and Conservation 15 (3): 2009; PP. 667-671 ISSN- 971-765x.

- 32. Cholke Pravin and Mahajan Minakshi (2010). Assessment of Rust and Smut spores in air over a Jowar field. Geobios 37: 106-108. ISSN 0016-6995. I.F.- 0.868

- 33. Sarika Singh, V.V.Kulkarni &Minakshi mahajan (January- June 2010). Genesis of watershed development programme: An overview of Government efforts. International journal of Environment and Development. Vol 7. No. 1. 13-22.

- 34. Manjusha Shinde, Minakshi Mahajan (2013). Aerobiological investigation over groundnut crop filed at Patan, India. Indian streams Research Journal Vol3 Issue 2nd march 2013. ISSN 2230-7850. Impact factor- 0.2105.

- 35. Manjusha Shinde Minakshi Mahajan (2013). An overview of Aerobiology over Groundnut crop at Patan (M.S.). Int. Journal Life Science. Peer review journal. A1: 40-46. ISSN: 2320-7817.

	<ul style="list-style-type: none"> • 36. Manjusha Shinde and Minakshi Mahajan (2013). Seasonal and diurnal periodicity in some airborne fungi over Groundnut field at Patan. Eco. Cons. 19(4):2013; PP 1253-1255. ISSN-0975-765X. Impact factor 5.3 • 37. Shinde M.R. & Mahajan M.C. (2014). Prevalence of Ascospores during Kharif season over Groundnut field at Patan (M.S.) India International Journal of Advances in plant sciences. Vol. 97. Dec 14 Impact factor • 38. Shinde M.R. & Mahajan M. C. (2014). Role of aeromycoflora in book deterioration of college library at Patan. International journal of Current Microbiology and applied sciences. Vol. 3 No. 8. ISSN no. 2319-7706. Vol3 NO.8 (2014) pp 403-407. I.F. -1.59. • 39. Shinde M.R. & Mahajan M. C. (2014). Aerobiological studies in the incidence of Cercospora over the groundnut crop. International journal of flora and fauna, Vol. 20, No. 2 (Special issue). ISSN No. 2 (NAAS rating 2.02) • 40. Manjusha Shinde and Minakshi Mahajan (2015). Influence of climatic variations on Basidiomycotina in the Aerobiology of Patan (M.S.) India. International Journal of Advances in Plant Sciences. ISSN- 0970-3586, Ad. Plant Sci 28(1) 31-34 2015 • 41. Ashish N. Nerlekar, Sairandhri A. Lapalikar Akshay A. Onkar, S.L. Laware & M.C. Mahajan. (2016). Flora of Fergusson College campus, Pune, India: monitoring changes over half a century. Journal
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- 42. Mahajan M. (2017). Study of Aeromycoflora by pour plate method. International Journal of Researches in Social Sciences and Information studies I J R B A T, Vol. V (Sp. Issue-1), May 2017:135-136
- 43. Mahajan M. and Patil R. (2017). Biodeteriorating Fungi. International Journal of Researches in Social Sciences and Information studies I J R B A T, Vol. V (Sp. Issue-1), May 2017: 122-124.
- 44. Minakshi Mahajan and Sumia Fatima (2017). Frequency, Abundance and Density of plant species by list count quadrat method. Epitome: International Journal of Multidisciplinary Research I.F. 3.656, Vol III Issue VII July 2017, ISSN 2395-6968.
- 45. Minakshi Mahajan and Sumia Fatima (2017). Water conservation in sacred groves. Epitome: International Journal of Multidisciplinary Research Impact Factor = 3.656 Vol. 3, Issue 7, September 2017, ISSN 2395-6968.
- 46. Rajendra Patil and Minakshi Mahajan (2017). Nutritional and antioxidants status of Averrhoa carambola Linn. International Journal of Researches in Biosciences , Agriculture and Technology. I J R B A T, Vol. V, Issue (3), Sept-2017: 15-17
- 47. Minakshi Mahajan and Rajendra Patil (2017). Vitamin of some unusual leafy vegetables.. International Journal of Researches in Biosciences , Agriculture and Technology. I J R B A T, Vol. V, Issue (3), Sept-2017: 21-22

- 48.Swarupa Chowdhuri, Minakshi Mahajan and Rajendra Patil (2017). Role of fungi in sacred groves. International Journal of Researchs in Biosciences, Agriculture and Technology. I J R B A T, Vol. V, Issue (3), Sept-2017: 18-20.
- 49. MinakshiMahajan and RajendraPatil (2017). Numerical Taxonomy of Hibiscus. International Multilingual Research journal. ISSN- 2394 5303 PP 23-26 Impact factor 4.002 (UGC approved Sr. No. 43053 December 2017 special issue
- 50. RajendraPatil and MinakshiMahajan (2017). Dietary importance of some unusual leafy vegetablesInternational Multilingual Research journal. ISSN- 2394 5303 PP 23-26 Impact factor 4.002 (UGC approved Sr. No. 43053 December 2017 special issue
- 51. MinakshiMahajan and RajendraPatil (2018). Rehekuri Wild life sacuaryInternational Journal of Researches in Biosciences, Agriculture and Technology.. I J R B A T, Vol.1, Issue (VI), January 2018pp 669-72
- 52. RajendraPatil and MinakshiMahajan (2018). Herbaceous flora of weeds growing at ARAI hill, PuneInternational Journal of Researches in Biosciences, Agriculture and Technology.. I J R B A T, Vol.1 , Issue (VI), January 2018 PP 16-19
- 53. MinakshiMahajan and RajendraPatil (2018).Impact of sacred groves on the environment International Journal of Researches in Biosciences, Agriculture and Technology. I J R B A T, Vol.1 , Issue (VI), January 2018pp 5-6

- 54. MinakshiMahajan and RajendraPatil (2018). Association of butterflies and *Adelocaryumcoelestinum* (Lindl.) C.B.Clarke) International Journal of Researches in Biosciences, Agriculture and Technology. I J R B A T Vol.11 , Issue (VI), May 2018pp 41-47.
- 55.RajendraPatil and Minakshi Mahajan (2018)Documentation of *ButeaMonosperma* (Lam) Taub. Syn *B. frondosa* Koenig ex. Roxb.var. *lutea* (Witt) Maheshw. Golden *Butea* atPuneInternational Journal of Researches in Biosciences, Agriculture and Technology. I J R B A T Vol.11 , Issue (VI), May 2018pp 48-50.
- 56. Snehangshu Das, RajendraPatil and Minakshi Mahajan (2018).Numerical taxonomy of the genus *Euphorbia* L. from Pune, Maharashtra, India International Journal of Researches in Biosciences, Agriculture and Technology. I J R B A T Vol.11 , Issue (VI), May 2018pp 51-57.
- 57. Sameer Terdalkar, SnehangshuDas, Priyanka Patil & Minakshi Mahajan (Jan 2019). A comprehensive study on relationship between *Euploeacore* and *Nerium indicum* present in Fergusson College, Pune, India. International Research Journal of Biological Sciences Vol. 8 (1), 27-31, January 2019 (ISSN 2278-3202).
- 58.PriyankaPatil, and MinakshiMahajan (Jan 2019).Plant Diversity at Castle rock, Goa, International Journal of Universal Science and Technology (ISSN: 2454-7263), Vol. 5 No. 3 pp 163-167.
- 59. PriyankaPatil, Snehangshu Das and Minakshi Mahajan (Jan 2019). Pollen calendar

	<p>of some special and rare trees of Fergusson College campus. International Journal of Universal Science and Technology (ISSN: 2454-7263), Vol. 5 No. 3 pp 156-161</p> <ul style="list-style-type: none"> • Ashish N. Nerlekar, Snehangshu Das, Akshay A. Onkar, Mayur Bhagwat, Pranav Mhaisalkar Sairandhri A. Lapalikar, Vinayak D. Chavan and Minakshi C. Mahajan. (2019). India needs long-term biodiversity monitoring in urban landscapes. Current Science , VOL. 117, NO. 2, PP 181-183. 25 JULY 2019 • 60. Snehangshu Das and MinakshiMahajan (April, 2019). Talking about beans, banes and biocrimes: colour, concentration and India's outlook on Ricin. Research Journal of Recent Sciences Vol 8(2), 52-59. April 2019. • 61.Sumia Fatima and Minakshi Mahajan (2020). Morphometric study of Genus Hibiscus from family Malvaceae. International journal for Research Trends and Innovation IJRTI Volume 5, Issue1 ISSN: 2456-3315 • 62. Snehangshu Das1 and Minakshi C. Mahajan. (2020). Numerical intraspecific morphometric study of Actinodaphne Hookeri Meisn. (Magnoliopsida: Laurales: Lauraceae) from Mahabaleshwar, Maharashtra, India. Eco. Env. & Cons. 26 (4) : 2020; pp. (310-313). ISSN 0971-765X. • 63. Minakshi Mahajan (2020). Tackling covid- 19 through plant –based science. Research Journal of Pharmaceutical Sciences Vol 9 (1), PP 1-7, 1-5 June 2020. Res. J. Pharmaceutical Sci. ISSN 2319 – 555X
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<p>Participations in Conferences/Seminars/ Symposia/Workshop</p>	<ul style="list-style-type: none"> • 1. Attended and participated in the 8th National Conference on impact of Airborne Microbes organized by Dept. of Botany, Yashwantrao Mohite College Bharati Vidyapeeth's Pune on 7th to 9th March 1996. • 2. Attended and participated in the workshop Botany to discuss S.Y.B.Sc.Syllabus organized by D.N. College Faizpur on 6th December 1997. • 3. Participated in a workshop on Intellectual property Rights (IPR) patent awareness organized by Dept. of Electronics, Dr. B.A. Marathwada University, Aurangabad on 23rd June 2000. • 4. Attended, participated & presented in the National Conference on Development Environment and Human conditions organized by Dept of Environmental Science Dr. B.A.M.U. Aurangabad University on 27th Jan 2001 to 29th Jan 2001. • 5. Attended, participated & presented in the International Conference on frontiers of fungal diversity and disease in South East Asia organized by Gorakhpur University on 9th-11th Feb 2001. • 6. Attended and presented paper in National conference on Plant Biotechnology. For Indian Agriculture organized by Dept of Botany, • 7. Attended and presented paper in state level conference on Recent advances in Mycology and Environmental Biology organized by Vaijapur on 8th to 9th Dec. 2001 • 8. Attended International conference of
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	<p>SAARC countries on Biotechnology in Agriculture Industry and Environment organized by Karad on 28th Dec to 30th Dec 2001.</p> <ul style="list-style-type: none"> • 9. Attended National Seminar on Current Environmental Problems of Developing cities Township and Rural areas organized by P.G. Department of Chemistry Science College, Nanded on 27th and 28th Jan 2002 • 10. Attended National conference on Frontiers in Biotechnological aspects of Plant Sciences organized by Dept. of Botany, Dr. B.A.M.U. Aurangabad on 30th and 31st January 2002. • 11. Attended National Symposium on Perspectives in Integrated Plant disease management organized by National Research Centre for Citrus Nagpur on 13th and 14th February 2002. • 12. Attended and presented papers in National conference on aero biology organized by Dept of Botany, Sarojini Naidu Vastha Mahavidyalaya, Hyderabad on 27th to 28th Feb 2002. • 13. Attended, participated & presented papers in National seminar on Current trends in plant sciences, organized by Dept. of Botany, University of Pune on 26th March to 28th 2002. • 14. Participated in the workshop organized by Dept. of Botany, Baburao Gholap College, Sangvi, Pune, on 1st Oct 2002. • 15. Participated in the workshop on Botanical Excursion organized by Dept. of Botany, Abasaheb Garware College, Pune, on 23rd February 2002.
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- 16. Attended Participated & presented in the National conference on Hydrochemical, Biochemical studies and Environmental pollution organized by Dept of Chemistry, Maulana Azad College, Aurangabad, on 7th & 8th October 2002.
- 17. Attended, participated & presented paper in the 5th National Conference of Indian Academy of Allergy, organized by Dept. of Botany, Yashwantrao Mohite College, Pune, on 28th Nov to 30th Nov 2002.
- 18. Attended & Participated in the National Conference on Assessment and Accreditation of Teacher Education Institutions- A Development –oriented process by NAAC and NCTE on 22nd & 23rd December 2002.
- 19. Participated in the Workshop on Restructuring of S.Y.B.sc. Botany Syllabus organized by Department of Botany, Arts, Science & Commerce College, Hadapsar, Pune 28, on 3rd Jan 2003.
- 20. Participated in the workshop on Discussion and training of revised S.Y.B.sc. Practical syllabus in Botany organized by Dept. of Botany Arts, Science and Commerce college Baramati Pune 413 133 on 4th August 2003.
- 21. Attended National Conference on Revamping of Science Education organized by Fergusson College, Pune-4 on 5th & 6th December 2003.
- 22. Attended, participated and presented paper in the National Symposium on Recent Advances in Management of Plant Diseases, Technology Development and Applications

	<p>organized by Indian Psychopathological Society (WZ) and the Dept. of Botany, Post Graduate Research Centre, Modern College, Pune 411005 on 20th and 21st December 2003.</p> <ul style="list-style-type: none"> • 23. Attended one day seminar on Thrust Areas of Biotechnology organized by MIT Pune 38 on 30th January 2004. • 24. Attended and participated in workshop on Faculty Development Programme on Improving One's Personal Effectiveness and Teaching Skills organized by Marathwada Mitra Mandal's College of Commerce Deccan Gymkhana, Pune -4 on 23rd August 2004. • 25. Attended and participated in State Level seminar cum Workshop on Quality Initiatives in Higher Education organized by S.P.College Pune – 30. On 9th & 10th September 2004. • 26. Attended and participated in one day seminar on Retrospect and prospect of Botany organized by Department of Botany, Fergusson College on 30th October 2004. • 27. Attended and participated in workshop on Theory and Practical syllabus in Botany organized by Department of Botany Sir Parashurambhau College on 8th and 9th January 2005. • 28. Attended participated and presented paper in the National Conference on Ecological Restoration organized by Dept. of Zoology, Abasaheb Garware College, Pune, on 28th & 29th January 2005. • 29. Attended, participated and presented paper in the National Conference in Plant
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	<p>Sciences organized by Dept. of Botany , P.V.P. college of Arts, Science and Commerce, Pravaranagar, on 10th – 12th March 2005.</p> <ul style="list-style-type: none"> • 30. Attended and participated in workshop on Genetic Engineering organized by Department of Microbiology, Modern College of Arts, and Science & Commerce Ganeshkhind Pune-3. on 13th March 2005. • 31. Attended and participated in workshop on Vermicomposting of waste organized by Department of Geology, Fergusson College, Pune -4 on 18th September 2006. • 32. Attended and participated in one day seminar on Biodiversity perspective & challenges in 21st Century organized by Department of Botany, Yashwantrao Mohite College on 11th October 2006 • 33. Attended and participated in one day seminar on Biophysics organized by Department of Biotechnology, Fergusson College on 31st October 2006. • 34. Attended and participated in one day workshop on Revised Syllabus of F.Y.B.sc Botany Practicals organized by Dept. of Botany, Modern College of Arts, Science & Commerce on 19th July 2008. • 35. Attended and presented paper in Regional conferences for Pune University College Teachers “Innovation” 2008-09 organized by Board of College & University Development held at Vidya Pratishthan, Dept of Biotechnology, Baramati on 12th and 13th November 2008. • 36. Participated and presented 02
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	<p>papers in a National conference at Waghire College Saswad, On “Recent trends and strategic developments in Bioscience” from 29th to 31st Dec 2008.</p> <ul style="list-style-type: none"> • 37. Attended and participated in one day seminar on Advance technique in biosciences organized by Department of Botany, Fergusson College, Pune on 17th February 2009. • 38. Participated and presented review article in a National conference on Environmental Biotechnology & Sustainable Biodiversity at MGM Institute of Biosciences & Technology, Aurangabad on 26th and 27th December 2009. • 39. Participated in the Life sciences Industry Academia Summit organized by Fergusson College & Bio excellence on 8th & 9th Jan 2010. • 40. Attended and participated in a one day workshop on New T.Y. B.Sc. practical syllabus on 31st July 2010 at Dept of Botany, Abasaheb Garware College, Pune. • 41. Attended and participated in national seminar on Sustainable utilization of Natural Bio resources organized by Department of Botany and UGC, New Delhi on 13th January 2011 at Yashwantrao Mohite College, Pune. • 42. Attended and participated in National conference on Importance of NAAC Accreditation in College Development organized by Dr. D.Y. Patil Arts, Commerce & Science College, Pimpri, Pune from 6th February to 8th February 2012. • 43. Attended and participated in State Level Seminar on Research Orientation &
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	<p>Methodology organized by Dr. D.Y. Patil Arts, Commerce & Science College, Pimpri, Pune on 9th & 10th February 2012.</p> <ul style="list-style-type: none"> • 44. Attended and participated in workshop on Literature in the Age of Globalization organized by Brihan Maharashtra College of Commerce, Pune on 11th February 2012. • 45. Attended and participated in State Level workshop on Application of Free Software in Business Statistics, Economics, Commerce and Management organized by Brihan Maharashtra College of Commerce, Pune on 17th & 18th February 2012 • 46. Attended and participated in state level seminar on recent trends in Mycology and plant pathology organized by Department of Botany, Fergusson College, Pune on 17th August 2012 • 47. Attended and presented paper in National conference on Impact of Airborne microbes organized by MAEER'S Arts, Commerce & Science college, Pune and MAEER'S Maharashtra Institute of Pharmacy, Pune on 13th to 15th December, 2012. • 48. Attended and presented paper entitled Seasonal and diurnal periodicity in some airborne fungi over groundnut field at Patan (M.S.) in national seminar on Recent trends in life sciences organized by Department of Botany on 21st & 22nd December 2012 at Yashwantrao Mohite College, Pune. • 49. Attended and presented paper entitled, Aerobiological Diversity over groundnut field at Patan (M.S.) in
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	<p>National conference on Recent trends in Botany organized by Department of Botany, Yashwant chavan institute of Science, Satara on 18th & 19th January, 2013. (Pp-68).</p> <ul style="list-style-type: none"> • 50. Attended and presented paper entitled „ Extramural sampling of Basidiomycotina in the air of Patan“ in National conference on advances in Biotechnology for sustainable development of Agriculture organized by Department of Botany, Govt. College of Arts and Science, Aurangabad on 27th & 28th December , 2013. • 51. Attended and presented paper entitled „Study on other aerobiocomponent over groundnut crop at Patan (M.S.)“ in National conference on Future prospects of Biosciences organized by Department of Botany, Yashwantrao Mohite College on 17th & 18th January 2014. (Pp-107). • 52. Attended and participated in one day state level seminar on recent trends in plant sciences on 9th January 2015 organized by BCUD Savitribai Phule Pune University and B.G. college, Sangvi, Pune- 27. • 53. Attended and participated in one day workshop on T. Y. B.Sc. practical syllabus organized by Department of Botany, Abasaheb Garware college, Pune on 9th December 2015. • 54. Attended and participated in the state level workshop on “Techniques in molecular phylogeny” organized by Department of Botany, SPPU from 5th Jan 2016 to 8th Jan 2016. • 55. Attended participated and presented paper entitled “Incidence of deteriorating
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	<p>fungal agent inside the college library at Patan, (M.S.) in International conference on Ancient Science and Technology Restospection and Aspirations organized by Deccan College and Post Graduate and Research Institute, Pune From 9th January to 11th January 2016.</p> <ul style="list-style-type: none"> • 56. Attended participated and presented paper entitle “ Impact of pathogenicforms on certain weed host and crop plants during extramural aerobiological studies at Patan.” in National seminar on Current trends in Biodiversity Conservation and climate change organized by Department of Zoology, YashwantRao Mohite College of Arts, Science and Commerce, Erandwane, Pune- 38 on 24th and 25th February 2016. • 57. Attended and organized one day seminar on Advances in in Biotechnology organized by Department of Botany, Fergusson College, Pune on 22nd August 2016. • 58. Attended and organized one day seminar on Conservation of sacred grovesorganized by Department of Botany, Fergusson College, Pune on 22nd September 2016. • 59. Attended, participated in state level workshop on “Techniques inMolecular Phylogenetic Analysis” from 5th to 8th January, 2016 at Department of Botany, SavitribaiPhule Pune University. • 60. Attended and participated in one day state level workshop on Medicinal plants: commercial cultivation and conservation
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	<p>organized by Department of Botany, Savitribai Phule Pune University, Pune on 3rd January 2017.</p> <ul style="list-style-type: none"> • 61. Attended and participated National workshop on “Applications of Geoinformatics in Geographical and Botanical Studies” on 30th and 31st January, 2017 at Sir Parshurambhau College, Pune. • 62. Delivered talk on “Digital Herbarium and preparation of data base “in one day National conference on Advances in life science and human welfare at Dr. Rafiq Zakaria College for women, Aurangabad on 18th February 2017. • 63. Attended and participated in two days workshop on Principles of Experimental Design for Ph.D supervisors at Science and Technology Park Savitribai Phule Pune University, Pune on 14th and 15th February 2017. • 64. Attended, presented two papers entitled” Seasonal variation in the concentration of <i>Alternaria</i> Nees and Practicality and efficacy of morphometry with the use herbarium specimens: A case study of some species from genus <i>Terminalia</i> L. in National conference on Recent Developments in life sciences on 23rd February 2020 • 65. Participated and presented two papers in the 3rd International conference on Sciences and Technology for society at Singapore from 11th May 2017 to 13th May 2017. • 66. Attended, and participated in three days training programme on “Use of Information and Communication Technology
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	<p>(ICT) for Effective Teaching organized by Deccan Education Society on 17th, 19th and 20th June 2017.</p> <ul style="list-style-type: none"> • 67. Attended, participated and presented two research papers in one day National conference on Innovative trends in life sciences organized by Department of Botany, ShriVyanikatesh Arts, Commerce & Science College, Deulgaon Raja, DistBuldana on 23rd December 2017. • 68. Attended and participated in one day workshop on Hands on molecular techniques organized by Department of Botany, Fergusson College, Pune on 12th and 13th January 2018. • 69. Attended and participated in one day workshop on Teaching and learning skills in Plant Genetics and Angiosperm Taxonomy on 30th January 2018 organized by Department of Botany, SavitribaiPhulePune University on 30th January 2018. • 70. Attended and participated in two days workshop on Teaching and learning skills in Plant physiology and Biochemistry, organized by Department of Botany, Savitribai Phule Pune University on 3rd and 4th March 2018 • 71. Attended and participated in one day workshop on Teaching and learning skills in Plant Ecology, organized by Department of Botany, SavitribaiPhulePune University on 20th and 21st April 2018 • 72. Attended and participated in one day workshop on Teaching and learning skills in Developmental Botany, organized by Department of Botany, SavitribaiPhule Pune University on 27th and 28th April 2018
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	<ul style="list-style-type: none"> • 73. Attended and participated and presented a paper entitled” Plant Diversity at Castle rock, Goa” in one day National Conference on Innovation in Life Sciences for Sustainable development, organized by Department of Botany, Dr. Raffiq Zakaria college for Women, Aurangabad, on 20th January 2018. • 74. Attended and participated and presented a paper entitled “ Pollen calendar of some special and rare trees of Fergusson College campus” in one day National Conference on Innovation in Life Sciences for Sustainable development, organized by Department of Botany, Dr. RaffiqZakaria college for Women, Aurangabad, on 20th January 2018 • 75. Worked as a member of Advisory committee at one day National Conference on Innovation in Life Sciences for Sustainable development, organized by Department of Botany, Dr. RaffiqZakaria college for Women, Aurangabad, on 20th January 2018. • 76. Attended and participated and presented a paper entitled” Interaction of flora and fauna in sacred groves” in National Conference on Recent Advances in Science and Technology, organized by YavatmalZillaAkhilKunbiSamajDwaraSanchalitGopikabaiSitaramGawandeMahavidyalaya, Umarkhed, DistYavatmal on 5th and 6th March 2019. • 77. Achievement- Attended, participated and presented a paper entitled. “A rapid method of Biosynthesis of silver nanoparticles and their
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	<p>possible use in in-vitro cultures.” International conference on New frontiers of Environmental and Allied Sciences organized by Department of Botany and Yashada.Pune. Won Best Paper Presentation and rs.5000/-</p> <ul style="list-style-type: none"> • 78. Attended and participated and presented a paper entitled “In Confronting Viral Pandemics: Learning From Covid-19 To Build A Freely Accessible Public Inventory of Traditional Medicine Formulae For Future References “ in International E- conference on Emerging trend in Bioscience and Technology jointly organized by School of science, Sandip University, Nashik, India and Biotechnology Society of Nepal held on 1st June to 3rd June 2020. Achieved 3rd rank Best paper presentation award • 79. Attended, participated and presented paper entitled “Effect of salt stress and allopathy on <i>Atriplex hortensis</i> L. in International E conference on Plant Sciences organized by Department of Botany, Swami Vivekananda Senior College, Mantha Dist. Jalna on 1st June 2020. • 80.Attended, participated and presented paper entitled Ecological significance of Supekar sacred grove at Phansad in National Virtual conference on Biodiversity & sustainable development on 5th 6th June 2020 organised by R.P. Gogate College of Arts & Science and R. V. Joglekar College of Commerce, Ratnagiri and Ratnagiri sub-Center, University of Mumbai, environmental Society, Ratnagiri • 82. Attended and participated in 51
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	National and international webinars on covid 19, life sciences etc.
Event Organized/Conference/ Seminar/ Workshops coordinated	<ul style="list-style-type: none"> • Organized workshop on Research methodology and its ethics • Organized webinar on trends in algal research • Organised webinar on preparation of net set examinations • Organized workshop on “Nutrition for enhancing overall health and wellbeing of staff.” organized by Department of Botany and Chemistry, Fergusson College (Autonomous), Pune on 8th August 2022. • Organized workshop on “Nutrition for enhancing academic performance in students” organized by Department of Botany and Chemistry, Fergusson College (Autonomous), Pune on 10th August 2022.