

CURRICULUM VITA

- 1) Name : Prof. Dr. Kanade Mahadev Bhimappa
2) Educational Qualification : M.Sc., Ph.D.
3) Present Designation : Professor
4) Date of Birth : 29th August, 1977
5) Contact No. : 9881195182
6) Email ID : mahadevkanade1@gmail.com
7) Date of Appointment : 01/09/2005
8) Teaching Experience : 18 Years
9) Date of joining in present college : 01/09/2005

10) Educational Qualification:

| Sr. No. | Examination Passed | University/ Board | Year of Passing | Subject(s) | Class/ Grade |
|---------|--------------------|------------------------------|-----------------|------------|---------------|
| 1. | Ph. D. | Shivaji University, Kolhapur | January, 2005 | Botany | - |
| 2. | M.Sc. | Shivaji University, Kolhapur | April, 2001 | Botany | First - Class |
| 3. | B.Sc. | Shivaji University, Kolhapur | April, 1999 | Botany | First - Class |

11) Total Research Publications : 68

a. M.Phil. / Ph.D./Research

| Sr. No. | M.Phil. / Ph. D. Thesis Title | Name of The Univ. | Year of award | Name of Guide |
|---------|---|-------------------------------|---------------|-----------------------|
| 1 | “Effects of Allopurinol, Salicylic acid and Potassium on Rusts of Crop Plants”. | Shivaji University, Kolhapur. | January, 2005 | Prof. Dr. T. M. Patil |

b. Book:

| Sr. No. | Title of Book | Year of publication | ISBN | Name & Place of Publisher |
|---------|---------------|---------------------|------|---------------------------|
| 1. | - | - | Nil | - |

c. Chapter in Book:

| Sr. No. | Title of Book & Name of Editor | Title of the Chapter | Year of publication | ISBN | Name & Place of Publisher |
|---------|--------------------------------|----------------------|---------------------|------|---------------------------|
| Nil | Nil | Nil | Nil | Nil | Nil |
| | | | | | |

Research Paper:

| Sr. No. | Title of the Paper | Name of Journal | Month and Year of publication | ISSN | UGC. No./Impact Factor/ Citation Details |
|---------|--|--|-------------------------------|------------|--|
| 1. | Effect of salicylic acid on some biochemical aspects in rust susceptible wheat var. 'Agra local'. | <i>Journal of Phytological Research.</i> | 2004 | 0970- 5767 | Peer Reviewed, Citation 03 |
| 2. | Effect of different concentrations of potassium on seedling growth and some defence related enzymes in rust susceptible wheat var. 'Agra local'. | <i>Advances in Plant Sciences.</i> | 2005 | 0970-3586 | Peer Reviewed |
| 3. | Effect of potassium on induction of biochemical defence against rust in wheat. | <i>Journal of Phytological Research.</i> | 2007 | 0970- 5767 | Peer Reviewed |
| 4. | Effect of foliar application of salicylic acid on polyphenol, proline and carbohydrates content in wheat and sorghum. | <i>Advances in Plant Sciences.</i> | 2008 | 0970-3586 | Peer Reviewed, Citation 05 |
| 5. | Host range of genus <i>Cuscuta</i> in Solapur district of Maharashtra. | <i>Bioinfolet.</i> | 2009 | 0973-1431 | Peer Reviewed, Citation 01 |
| 6. | Effect of organophosphorus pesticide on the enzyme catalase in some vegetable crops. | <i>Bioinfolet.</i> | 2009 | 973-1431 | Peer Reviewed |
| 7. | Salicylic acid and its role in plant defence responses. | <i>Geobios.</i> | 2010 | 0251- 1223 | Peer Reviewed |
| 8. | Nutrient relations of two mistletoes and their host. | <i>Geobios.</i> | 2010 | 0251- 1223 | Peer Reviewed |
| 9. | Influence of organophosphorus pesticides on oxidative enzymes in some vegetable crops. | <i>Geobios.</i> | 2010 | 0251- 1223 | Peer Reviewed |
| 10. | Thalloid liverworts and its rhizosphere soil mycoflora from hill forts of Western Ghats of Maharashtra. | <i>Geobios.</i> | 2010 | 0251- 1223 | Peer Reviewed |
| 11. | Influence of allopurinol on physiological attributes in relation to defence mechanism in wheat and sorghum. | <i>Geobios.</i> | 2010 | 0251- 1223 | Peer Reviewed |
| 12. | Artificial inoculation of <i>Cuscuta</i> to non-host plants. | <i>Geobios.</i> | 2010 | 0251- 1223 | Peer Reviewed, Citation 03 |
| 13. | Accumulation of free proline in vegetable seeds subjected to a pesticide shock. | <i>Journal of Phytological Research.</i> | 2010 | 0970- 5767 | Peer Reviewed |
| 14. | Biochemical changes in crop plants treated with organophosphorus pesticides. | <i>Pesticide Research Journal</i> | 2010 | 0970-6763 | Peer Reviewed, Citation 01 |

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|-----|--|--|------|------------|-----------------------------------|
| 15. | Screening of <i>Plagiochasma simulensis</i> Kash. for antifungal activities from Western Ghats of Maharashtra. | <i>Advances in Plant Sciences.</i> | 2011 | 0970-3586 | Peer Reviewed |
| 16. | Nitrate and nitrite reductase enzyme activity in some vegetable seedlings under the influence of organophosphorus pesticides. | <i>Advances in Plant Sciences.</i> | 2011 | 0970-3586 | Peer Reviewed |
| 17. | Effect of acid scarification on seed germination and seedling growth in <i>Cuscuta reflexa</i> Roxb. | <i>Advances in Plant Sciences.</i> | 2011 | 0970- 3586 | Peer Reviewed |
| 18. | Diversity of arbuscular mycorrhizal (AM) fungi in some common plants of Marathwada region. | <i>International Multidisciplinary Research Journal.</i> | 2011 | 2231-6302 | Peer Reviewed, Citation 16 |
| 19. | Growth effect of <i>Capsicum annum</i> var. Jwala plants inoculated with <i>Glomus fasciculatum</i> and <i>Trichoderma</i> species. | <i>International Multidisciplinary Research Journal.</i> | 2011 | 2231-6302 | Peer Reviewed, Citation 06 |
| 20. | Mineral nutrients response of wheat and sorghum to foliar application of some chemicals. | <i>Journal of Phytological Research.</i> | 2011 | 0970-5767 | Peer Reviewed |
| 21. | Role of allopurinol in the activation of defence related enzymes in wheat. | <i>Journal of Phytological Research.</i> | 2011 | 0970-5767 | Peer Reviewed |
| 22. | Chemical composition of healthy and infected turmeric leaves. | <i>Bioinfolet.</i> | 2012 | 0973-1431 | Peer Reviewed |
| 23. | Pesticide residues in vegetable plants guar and onion. | <i>International Journal of Science.</i> | 2012 | 2277-5641 | Peer Reviewed, Citation 03 |
| 24. | Studies on the antimicrobial activity of family Ricciaceae, <i>Riccia discolor</i> L. extracts at Western Ghats of Maharashtra, India. | <i>Advances in Plant Sciences.</i> | 2012 | 0970-3586 | Peer Reviewed, Citation 01 |
| 25. | Allelopathic effect of three <i>Euphorbia</i> species on seed germination and seedling growth of wheat. | <i>Annals of Biological Research.</i> | 2012 | 0976-1233 | Peer Reviewed, Citation 22 |
| 26. | Association of arbuscular mycorrhizal fungi in some angiospermic plants of Maharashtra, India. | <i>International Multidisciplinary Research Journal.</i> | 2012 | 2231-6302 | Peer Reviewed, Citation 05 |
| 27. | Antifungal properties of commonly used spices. | <i>Advances in Plant Sciences.</i> | 2013 | 0970-3586 | Peer Reviewed |
| 28. | Studies on the antimicrobial screening of hornworts (Anthocerotae) from Western Ghats of Maharashtra. | <i>Advances in Plant Sciences.</i> | 2013 | 0970-3586 | Peer Reviewed |
| 29. | Changes in ATPase and IAA oxidase activity in vegetable plants under the influence of methyl parathion and phosphamidon. | <i>Annals of Biological Research.</i> | 2013 | 0976-1233 | Peer Reviewed |
| 30. | Allelopathic effect of two common weeds on seed germination, root-shoot length, biomass and protein content of jowar. | <i>Annals of Biological Research.</i> | 2014 | 0976-1233 | Peer Reviewed, Citation 24 |
| 31. | Study of <i>Cuscuta reflexa</i> Roxb. with reference to host diversity, anatomy and biochemistry. | <i>Central European Journal of Expt. Bio.</i> | 2014 | 2278-7364 | Peer Reviewed, Citation 07 |
| 32. | Comparative study on enzyme activity of healthy and infected leaves of turmeric varieties. | <i>Annals of Biological Research.</i> | 2014 | 0976-1233 | Peer Reviewed |
| 33. | Antifungal potential of <i>Cuscuta reflexa</i> Roxb. | <i>Central European Journal of Experimental Biology.</i> | 2014 | 2278-7364 | Peer Reviewed, Citation 04 |
| 34. | Biochemical studies of <i>Cuscuta reflexa</i> Roxb. and its host plants. | <i>Flora and Fauna.</i> | 2014 | 0971-6920 | Peer Reviewed |

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|-----|--|--|-----------------|-----------|-----------------------------------|
| 35. | Variation in mineral composition of leaves and sediments of <i>Sonneratia apetala</i> Buch. Ham. from different localities of Raigad district of Maharashtra, India. | <i>Bionano Frontier.</i> | 2015 | 0974-0678 | Peer Reviewed |
| 36. | Allelopathic effect of <i>Cuscuta reflexa</i> Roxb. on some physiological aspects in wheat. | <i>Bionano Frontier.</i> | 2015 | 0974-0678 | Peer Reviewed, Citation 04 |
| 37. | Studies on aeromycoflora over jowar fields at Barshi area during kharif season. | <i>Bionano Frontier.</i> | June, 2016 | 0974-0678 | Peer Reviewed |
| 38. | Investigation of allelopathic effect of <i>Pascalia glauca</i> Ortega on seed germination and seedling growth of wheat. | <i>Indian Journal of Fundamental and Applied Life Sciences.</i> | September, 2016 | 2231-6345 | Peer Reviewed, Citation 02 |
| 39. | Effect of methanol extract of <i>Pascalia glauca</i> Ortega on wheat seed germination studies. | <i>International Journal of Food, Agriculture and Veterinary Sciences.</i> | 2017 | 2277-209X | Peer Reviewed |
| 40. | Allelopathic potential of <i>Pascalia glauca</i> Ortega. aqueous extract against seed germination and seedling growth of groundnut. | <i>Bioscience Discovery.</i> | January, 2017 | 2231-024X | Peer Reviewed, Citation 01 |
| 41. | Seasonal changes in trace elements in <i>Pentatropis nivalis</i> J.F. Gmel (Field & Wood) growing in secondary saline habitats from Baramati tahasil (M.S.) India. | <i>Advances in Plant Science.</i> | June, 2017 | 0970-3586 | Peer Reviewed |
| 42. | Accumulation of free amino acid in <i>Pentatropis nivalis</i> J.F. Gmel (Field & Wood) growing on secondary saline soils of Baramati tahasil (M.S.) India. | <i>Advances in Plant Science.</i> | June, 2017 | 0970-3586 | Peer Reviewed |
| 43. | Aeromycological investigations over wheat, sugarcane and grape fields at Baramati (Pune), Maharashtra. | <i>Bioscience Discovery.</i> | January, 2018 | 2231-024X | Peer Reviewed |
| 44. | Aeromycoflora over jowar and pomegranate fields at Baramati, Dist. Pune (M.S.). | <i>Bioscience Discovery.</i> | January, 2018 | 2231-024X | Peer Reviewed |
| 45. | Incidence of fungal aerospora over rape and pomegranate fields. | <i>International Journal for Science and Advance Research in Technology.</i> | January, 2018 | 2395-1052 | Peer Reviewed |
| 46. | Response of wheat to allelopathic effects of <i>Argemone mexicana</i> L. | <i>International Journal for Science and Advance Research in Technology.</i> | March, 2018 | 2395-1052 | Peer Reviewed |
| 47. | Seasonal changes in concentrations of carbohydrates in <i>Pentatropis nivalis</i> Wight & Arn, succulent halophyte growing in secondary salt-affected soil from Baramati tahasil (M.S.) India. | <i>International Journal for Science and Advance Research in Technology.</i> | March, 2018 | 2395-1052 | Peer Reviewed |
| 48. | Appraisal of family Polyporaceae (Aphyllphorales) from Ratnagiri district of Maharashtra. | <i>Contemporary Research in India.</i> | February, 2018 | 2231-2137 | Peer Reviewed |
| 49. | Allelopathic effect of <i>Pascalia glauca</i> Ortega. aqueous extract on photosynthetic pigments of <i>Triticum aestivum</i> L. and <i>Arachis hypogea</i> L. seedlings. | <i>International Journal of Creative Research Thoughts.</i> | April, 2018 | 2320-2882 | Peer Reviewed |
| 50. | Comprehensive Account of <i>Leucophellinus</i> | <i>Indian Forester.</i> | January, 2019 | 2321-094X | Peer |

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|-----|--|--|----------------|-----------|--------------------------------------|
| | <i>hobsonii</i> (Berk.ex Cooke) Ryvarden (Schizoporaceae) A Poroid species from Ratnagiri district of Western Ghats of India. | | | | Reviewed Citation 02 |
| 51. | <i>Lentinus velutinus</i> Fr. Linn (Polyporaceae) a new record for Maharashtra state of India. | <i>International Journal of Life Sciences Research.</i> | June, 2019 | 2348-3148 | Peer Reviewed |
| 52. | Synthesis of Silver Nanoparticles by using <i>Irpex lacteus</i> (Meruliaceae) a woodrotting Aphyllophore. | <i>International Journal of Scientific Research and Reviews.</i> | June, 2019 | 2279-0543 | Peer Reviewed |
| 53. | Study on algal diversity and physico-chemical water analysis of Baramati area. | <i>World Journal of Pharmaceutical and Life Science.</i> | July, 2019 | 2454-2229 | Peer Reviewed |
| 54. | Studies on Post-Harvest Fungal Pathogens of Papaya Fruits (<i>Carica papaya</i> L). | <i>International Journal of Current Microbiology and Applied Sciences.</i> | July, 2019 | 2319-7706 | Peer Reviewed, Citation 03 |
| 55. | Powdery Mildew Fungi from Phaltan area of Satara District, Maharashtra. | <i>International Journal of Current Microbiology and Applied Sciences.</i> | July, 2019 | 2319-7706 | Peer Reviewed, Citation 03 |
| 56. | Checklist of Macro-fungi from Baramati Area of Pune District, MS, India. | <i>International Journal of Current Microbiology and Applied Sciences.</i> | July, 2019 | 2319-7706 | Peer Reviewed, Citation 01 |
| 57. | Isolation and Identification of Soil Fungi of Banana Fields from Baramati Area of Pune District of Maharashtra. | <i>International Journal of Current Microbiology and Applied Sciences.</i> | July, 2019 | 2319-7706 | Peer Reviewed |
| 58. | A phanerogamic parasite- <i>Cuscuta reflexa</i> Roxb. : A Review | <i>Bioinfolet.</i> | October, 2020 | 0973-1431 | Peer Reviewed UGC Approved |
| 59. | Diversity of family Meruliaceae at Ratnagiri district of Maharashtra, India. | <i>Bioinfolet.</i> | October, 2020 | 0973-1431 | Peer Reviewed UGC Approved |
| 60. | Screening of fungi causing powdery mildew from Indapur tehsil of Pune district. | <i>Bioinfolet.</i> | October, 2020 | 0973-1431 | Peer Reviewed UGC Approved |
| 61. | A review on aeromycological studies. | <i>Advances in Plant Science.</i> | June, 2020 | 0970-3586 | Peer Reviewed |
| 62. | Relationship between macro and micronutrients profile with fungal flora of rhizosphere soils from wheat, maize and <i>Sorghum</i> fields of Baramati area. | <i>International J. of Current Microbiology and Applied Sciences.</i> | December, 2020 | 2319-7706 | Peer Reviewed |
| 63. | First report of <i>Pseudoidium</i> sp. causing powdery mildew on <i>Tecoma capensis</i> in India, Plant Pathology & Quarantine. | <i>Plant Pathology & Quarantine.</i> | October, 2021 | 2229-2217 | Peer Reviewed |
| 64. | Allelopathic effect of aqueous extracts of <i>Trichodesma indicum</i> (L.) R. BR. And <i>Tribulus terrestris</i> L. on seed germination and seedlings growth of maize and wheat. | <i>International Journal of Researches in Biosciences, Agriculture and Technology.</i> | January, 2022 | 2347-517X | Peer Reviewed |
| 65. | First record of <i>Erysiphe</i> sp. (<i>Pseudoidium</i> sp.) causing powdery mildew on <i>Ipomoea quamoclit</i> L. from India. | <i>Indian Forester.</i> | July, 2022 | 0019-4866 | 0.666 |
| 66. | First report of <i>Leveillula clavata</i> causing | <i>Forest Pathology.</i> | February, | - | 0.666 |

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| | powdery mildew on <i>Euphorbia leucocephala</i> from India. | | 2023 | | |
| 67. | Powdery mildew on <i>Coccinia grandis</i> caused by <i>Golovinomyces tabaci</i> in India. | <i>Australasian Plant Disease Notes.</i> | September, 2022 | - | 0.301 |
| 68. | Allelopathic influences of <i>Goniocaulon indicum</i> C.B.Clarke. on seed germination and seedlings growth of maize and wheat. | <i>International Journal of Botany Studies.</i> | February, 2023 | 2455-541X | Peer Reviewed |

a. Research Project: 04

| Sr. No. | Name of Funding Agency | Project Title | Funds Received | Month and Year of sanction | Duration of the Project | Status of Project |
|---------|------------------------|---|----------------|----------------------------|-------------------------|--|
| 1. | BCUD, SPPU, Pune | Antimicrobial properties of bryophytes from Western Ghats of Maharashtra | 75,000/- | 2009 | 2009-2011 | Completed (Co-Investigator) |
| 2. | BCUD, SPPU, Pune | Studies on host plants of <i>Cuscuta reflexa</i> Roxb. in Baramati area with reference to anatomy, biochemistry and pathophysiology | 2,25,000/- | 2012 | 2012-2014 | Completed (Principal Investigator) |
| 3. | BCUD, SPPU, Pune | Autecological studies on <i>Sonneratia</i> species from Raigad district of Maharashtra | 2,25,000/- | 2012 | 2012-2014 | Completed (Co-Investigator) |
| 4. | BCUD, SPPU, Pune | Aeromycological studies in Baramati area of Pune district of Maharashtra. | 1,90,000/- | 2016 | 2016 - 2018 | Completed (Principal Investigator) |

b. Papers presented in Seminar / Conference: 14

| Sr. No. | Name of the Conference/ Seminar | Title of the paper | Date | Level (State/ National/ International) | Name of the Organizer |
|---------|--|--|--------------------------|--|---|
| 1. | 19 th APSI Scientists Meet - 2010 and National Conference on Plant Biotechnology towards Nutrition and Nutraceutical Potential. | Mineral elements analysis of thalloid liverwort rhizosphere soil from Rajgarh and Purandhar hill forts of Western Ghats of Maharashtra. | 30/09/2010 to 01/10/2010 | National | S. N. Wanita Mahavidyalaya, Hyderabad (AP). |
| 2. | 20 th APSI Scientists Meet - 2011 and National Conference on Current Innovations in Plant Sciences. | Studies on the genus <i>Plagioclasma</i> Lehm. and Lindenb. for physicochemical, biological and antimicrobial properties from Western Ghats of Maharashtra, India. | 05 to 07/02/2011 | National | K. J. Somaiya College, Kopargaon, Dist. Ahmednagar. |
| 3. | National level seminar on Plant Biodiversity for Sustainable Development. | Host diversity of <i>Cuscuta reflexa</i> Roxb. and it's anatomical studies. | 10 to 12/03/2011 | National | Department of Botany, Pune University, Pune. |
| 4. | 21 st APSI Scientists Meet - 2012 and National Conference on Recent Trends in Plant Sciences. | Study of enzyme nitrate reductase and acid phosphatase from healthy and infected leaves of turmeric. | 03 to 05/02/2012 | National | Department of Botany, Tuljaram Chaturchand College, Baramati. |
| 5. | Innovation – 2013, Regional Research | Studies on host plants of <i>Cuscuta reflexa</i> Roxb. in | 16/04/2013 | University | Ahmednagar College, Ahmednagar. |

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| | Conference. | Baramati area with reference to anatomy, biochemistry and pathophysiology. | | | |
| 6. | 23 rd APSI Scientists Meet - 2014 and National Conference on biodiversity and Ecological Sustainability. | Host range diversity of <i>Cuscuta reflexa</i> Roxb. in Baramati area of Pune district of Maharashtra. | 15 to 16/02/2014 | National | S.C.S.(J) College, Puri, Odisha. |
| 7. | Innovation – 2014, Regional Research Conference. | Studies on host plants of <i>Cuscuta reflexa</i> Roxb. in Baramati area with reference to anatomy, biochemistry and pathophysiology. | 29/04/2014 | University | Baburaoji Gholap College, Sangvi. |
| 8. | 25 th APSI Silver Jubilee Scientists Meet - 2016 and International Conference on “Plant Research and Resource Management”. | Study of diversity of Agaricales in around Baramati area. | 11 to 13/02/2016 | International | Tuljaram Chaturchand College, Baramati. |
| 9. | “Plant Research and Resource Management” | Present Status of fungal diseases of jowar fields at Barshi area, Maharashtra. | 2016 | International | Tuljaram Chaturchand College, Baramati. |
| 10. | “Plant Research and Resource Management” | Studies on biological and antifungal activity of mosses from Mahabaleshwar, Maharashtra, India. | 2016 | International | Tuljaram Chaturchand College, Baramati. |
| 11. | “Plant Research and Resource Management”. | The wood rotting fungi from Ratnagiri District of Western Ghats of Maharashtra. | 2016 | International | Tuljaram Chaturchand College, Baramati. |
| 12. | “Plant Research and Resource Management”. | A Review on <i>Pascalina glauca</i> Ortega as poisonous weed barrier in crop fields of Sangli District, Maharashtra. | 2016 | International | Tuljaram Chaturchand College, Baramati. |
| 13. | “Plant Research and Resource Management”. | Sporophytic and gemetophytic studies in <i>Equisetum diffusum</i> D. Don from Baramati (Pune), Maharashtra, India. | 2016 | International | Tuljaram Chaturchand College, Baramati. |
| 14. | National Conference on Biodiversity and Conservation of Wetland. | Study of powdery mildew fungi from Baramati area. | 10 to 11/01/2020 | National | B. D. F. Dayanand College, Solapur. |

a. Patents published/Register : Nil

12) Research Guidance:

a) Guide ship Details

| Sr. No. | M.Phil./ Ph.D. Guide | Name of University | Month & Year of recognition | No. of Research Scholars | |
|---------|----------------------|--|-----------------------------|--------------------------|----------|
| | | | | Completed | Perusing |
| 1 | M. Phil. | Alagappa University, Karaikudi - 630 003, Tamilnadu. | 2007 | 01 | - |
| 2 | Ph.D. Guide | Savitribai Phule Pune University. | - | 03 | 06 |

b) Research Guidance

| Sr. No. | Name of Scholar | Name of University | Month and Year Registration | Title of the Research |
|----------------|---------------------------------|----------------------------------|---|---|
| 1. | Mr. Mujawar Ilahi Ismail | Savitribai Phule Pune University | 29/06/2015 Awarded on 03/03/2020 | Investigation of Allelopathic potential in <i>Pascaliala glauca</i> Ortega. |
| 2. | Mr. Yemul Nageshwar Bhikshapati | Savitribai Phule Pune University | 29/06/2015 Awarded on 09/07/2020 | Studies in Aphyllophorales of Ratnagiri District (M.S.). |
| 3. | Mr. Wagh Sujit Hanumant | Savitribai Phule Pune University | 13/03/2018 Awarded on 10/01/2023 | Studies on Powdery Mildew Fungi of Pune District (M.S.). |
| 4. | Ms. Gaikwad Priyanka Anil | Savitribai Phule Pune University | 17/01/2020 Working | Allelopathic Studies of Some Weeds from Agricultural Fields in Baramati Tahsil, Dist. Pune (M.S.). |
| 5. | Mr. Bankar Prasad Jalindar | Savitribai Phule Pune University | 29/03/2022 Working | Studies on isolation, identification and characterization of dominant fungi from rhizosphere of <i>Vigna radiata</i> L. (Mung Bean) and <i>Cicer arietinum</i> L. (Chickpea). |
| 6. | Ms. Bhosale Sandhya Shivaji | Savitribai Phule Pune University | 29/03/2022 Working | Studies on fresh water fungi of natural reservoirs from Baramati tahsil with special reference to eutrophication. |
| 7. | Ms. Shelar Pradnya Baban | Savitribai Phule Pune University | 29/03/2022 Working | Physiological and nutritional studies on <i>Auricularia</i> mushroom to seek its potential as edible fungus through mass cultivation. |
| 8. | Mr. Chandanshive Aniket Ashok | Savitribai Phule Pune University | 29/03/2022 Working | Studies on efficacy of phytoextracts against <i>Cercospora</i> leaf spot of <i>Capsicum annuum</i> L. [Chilli] |
| 9. | Ms. Jagtap Vidya Lakshman | Savitribai Phule Pune University | 05/07/2023 Working | Studies on isolation and Characterization of bioactive compounds from some species of the wood rotting fungal genera <i>Fomes</i> and <i>Flavodon</i> . |

13) Professional recognition / award/ fellowship etc.

| Sr. No. | Name of Award/ Recognition | Awarding Agency | Date |
|---------|---|---|---|
| 1. | Recognized P.G. Teacher in Botany | Savitribai Phule Pune University, Pune. | March, 2010 |
| 2. | Recognized Ph.D. Guide in Botany | Savitribai Phule Pune University, Pune. | July, 2012 |
| 3. | Member of Editorial and Advisory Board | Journal Advances in Plant Sciences Publishing from Muzaffarnagar (U.P.), India. | March, 2007 |
| 4. | APSI Certificate of Excellence | Academy of Plant Sciences India, Muzaffarnagar | 05 February, 2011 |
| 5. | APSI Young Scientists Award - 2011 | Academy of Plant Sciences India, Muzaffarnagar (U.P.) | 3 rd to 4 th February, 2012 |
| 6. | Best Oral Presentation Award | S.C.S.(J) College, Puri, Odisha | 16 February, 2014 |
| 7. | Deputed as College Examination Officer (COE) | Tuljaram Chaturchand College, Baramati (Autonomous) | June, 2022 |
| 8. | Nominated as Governing Body Member | Tuljaram Chaturchand College, Baramati (Autonomous) | June, 2022 |
| 9. | Nominated as College Development Committee (CDC) Member | Tuljaram Chaturchand College, Baramati (Autonomous) | June, 2022 |
| 10. | Life member | International Journal Advances in Plant Sciences. | - |
| 11. | Working as BoS member of Botany and Environmental Science | Tuljaram Chaturchand College, Baramati (Autonomous) | Since 2018-19 |

14) E-Content Development:

| Sr. No. | Title of Content | Level (UG/ PG / ALL) | Platform | Link of E-Content |
|---------|----------------------------------|----------------------|----------|---|
| 1. | Nematodal Plant Diseases | UG | You tube | https://youtu.be/GyzNjdVPns0?si=csS128C42EhsCSii |
| 2. | Mycoplasma Plant Diseases Lect-2 | UG | You tube | https://youtu.be/coWpS7W_fLE?si=Ylig51XwD7hASoII |
| 3. | Mycoplasma Plant Diseases Lect-1 | UG | You tube | https://youtu.be/e_mVmLGn4Hk?si=CBDAYeJDWl62AePK |
| 4. | Bacterial Plant Diseases Lect-2 | UG | You tube | https://youtu.be/39- |

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| | | | | N42gJC34?si=Nw9BIDyqvcwWcIsa |
| 5. | Bacterial Plant Diseases Lect-1 | UG | You tube | https://youtu.be/HAwrX9C6vK8?si=SwfN1TPhI59DudJG |
| 6. | Normal Secondary Growth : Growth Rings, Lenticels & Tyloses | UG | You tube | https://youtu.be/pv-ZhLI1sbE?si=it0ruDhW2LLDOYAc |
| 7. | Normal Secondary Growth : Annual and Perennial Plants | UG | You tube | https://youtu.be/7_gsyVaS3LM?si=YqUE_CYkL2j6ofQp |
| 8. | Fungal Plant Diseases Lect-2 | UG | You tube | https://youtu.be/kXHtBr7umek?si=gorT9uH1hUhtQ4Px |
| 9. | Fungal Plant Diseases Lect-1 | UG | You tube | https://youtu.be/yr7mfZDhs_M?si=3HBVLH87-Bi-l2fu |
| 10. | <i>Stemonitis</i> - Life Cycle Pattern | UG | You tube | https://youtu.be/6SBNGalsZrE?si=uFu1g8Lppu6lbn1R |
| 11. | <i>Vaucheria</i> - Life Cycle Pattern | UG | You tube | https://youtu.be/LDDkZzXpGpw?si=OKOr5zFZIZ5zt9W |
| 12. | <i>Volvox</i> Part-II | UG | You tube | https://youtu.be/rMA8Y-YIRgw?si=x0NATo2L8RnpIB8Q |
| 13. | <i>Volvox</i> Part-I | UG | You tube | https://youtu.be/VdaQsa0Tqu8?si=Mwn d5efawAlyXoLf |
| 14. | <i>Tmesipteris</i> Part-II | UG | You tube | https://youtu.be/tkQkng7V19c?si=8Y6yV ASOH_i5ptoh |
| 15. | <i>Tmesipteris</i> Part-I | UG | You tube | https://youtu.be/PFGJmAyysxE?si=1liEFJo2Kwcw3KN7 |
| 16. | <i>Oscillatoria</i> - Life Cycle Pattern | UG | You tube | https://youtu.be/whEib1kjXyQ?si=iA-SXwuAwN4uTZxL |
| 17. | Division - Cyanophyta | UG | You tube | https://youtu.be/duYnmp2yHMM?si=kv-SjNnaCzkrOuez |
| 18. | Life Cycle Pattern of <i>Adiantum</i> | UG | You tube | https://youtu.be/LN0ouWFPkvM?si=r-iQHMackVSJjISY |
| 19. | Life Cycle Pattern of <i>Equisetum</i> | UG | You tube | https://youtu.be/gRRV9ruVifY?si=CFsmX6n4bteA-enG |
| 20. | <i>Marsilea</i> Life Cycle | UG | You tube | https://youtu.be/DHuBh7gxK8o?si=XFJYbqK79g-4reim |
| 21. | <i>Selaginella</i> Life Cycle Part-II | UG | You tube | https://youtu.be/fp6ktVE9Tio?si=4mZX_cnnzZffRhQK |
| 22. | <i>Selaginella</i> Life Cycle Part-I | UG | You tube | https://youtu.be/4I2mvSvAyFE?si=Lx-OqpbnFn50Mx-e |
| 23. | Pteridophyta Part-I | UG | You tube | https://youtu.be/lyzHun0AZCg?si=AwIS0xi2FZpNBA9m |
| 24. | Pteridophytes Part-II | UG | You tube | https://youtu.be/izYgqScqIIU?si=gIMsQfjNVsNpG3HQ |
| 25. | <i>Psilotum</i> Life Cycle Part-II | UG | You tube | https://youtu.be/w86KN7eF7AQ?si=kLLmuqLV2d3Hfm0B |
| 26. | <i>Psilotum</i> Life Cycle Part-I | UG | You tube | https://youtu.be/bdYqD8oRois?si=WFXfzUtNMudDIOqb |
| 27. | Lichens | UG | You tube | https://youtu.be/dt2RCIzJ7cw?si=8_lsmDfEbqoLsBYn |
| 28. | <i>Polytrichum</i> Life Cycle Part-I | UG | You tube | https://youtu.be/ovEK0uldDbk?si=imzTxRf1kiIgarFT |
| 29. | <i>Polytrichum</i> Life Cycle Part-II | UG | You tube | https://youtu.be/gdOSKOFdRp0?si=5CTg_AXnzib11aXZ |
| 30. | <i>Funaria</i> - Life Cycle Pattern | UG | You tube | https://youtu.be/GRXuxxVPp5g?si=lun0PGaatsWZ22wm |
| 31. | <i>Riccia</i> - Life Cycle Pattern | UG | You tube | https://youtu.be/mjXycwBOdLE?si=Enc8tQoJPHouqFu0 |
| 32. | <i>Anthoceros</i> Life Cycle Part-I | UG | You tube | https://youtu.be/2sPidrkN4uA?si=1L4riB3yFHXOHJMe |

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| 33. | <i>Anthoceros</i> Life Cycle Part-II | UG | You tube | https://youtu.be/5XtUKQBF8KM?si=4J8bB7gYDtBaAL46 |
| 34. | <i>Marchantia</i> Life Cycle Part-I | UG | You tube | https://youtu.be/t44G_VUhSRA?si=IIakzXkzifQpLG4e |
| 35. | <i>Marchantia</i> life cycle part-II | UG | You tube | https://youtu.be/DujNyeBF_uM?si=pUEDnaFeg1rrOD1- |
| 36. | Bryophytes Part-I | UG | You tube | https://youtu.be/CAG0Iw6SuoM?si=Lbb8Ujk7a-OtF4_1 |
| 37. | Bryophytes Part-II | UG | You tube | https://youtu.be/nSnBwRk_yiU?si=HlpE2p_ET5MQvDCg |
| 38. | Life cycle of <i>Cercospora</i> | PG | You tube | https://youtu.be/aZCJGfpNx_A?si=kwoBBKWIX8BZmCqB |
| 39. | Life cycle of <i>Puccinia</i> Part-II | PG | You tube | https://youtu.be/hbHrx8qSi10?si=EtdlKvEax_ryddGy |
| 40. | Life cycle of yeast | PG | You tube | https://youtu.be/IIhVYPbhC-U?si=sB33rLoCQvu-BJT1 |
| 41. | <i>Rhizopus</i> life cycle Part-II | PG | You tube | https://youtu.be/8qSwDI6pFn4?si=aWyrCFVMrUljzRTV |
| 42. | Fungi General Characteristics | PG | You tube | https://youtu.be/CLmeWmhcrAY?si=uEvN7eWvfDvykYxF |
| 43. | <i>Batrachospermum</i> Life Cycle Part-I | PG | You tube | https://youtu.be/aWptep2a5Bw?si=jQ8C6TF4Ql2DOnrr |
| 44. | <i>Batrachospermum</i> Life Cycle Part-II | PG | You tube | https://youtu.be/kifmcX0FINY?si=uMXvrpTa7xigOORM |
| 45. | Harmful Aspects of Fungi | PG | You tube | https://youtu.be/14g_sU8IoKY?si=axRnj6TOx8aY6HbN |
| 46. | <i>Sargassum</i> Life Cycle Part-I | PG | You tube | https://youtu.be/JMkpUCDr_Fc?si=IBsYdiMIRrIV_P7W |
| 47. | <i>Sargassum</i> Life Cycle Part-II | PG | You tube | https://youtu.be/HOjV6EGZ600?si=EiMlCtYkuVzq4md- |
| 48. | Oomycota Group | PG | You tube | https://youtu.be/vdSnIQ4XUbyY?si=JBWll-pZCjUSWMBk |
| 49. | Classification of Fungi - Ainsworth, 1973 | PG | You tube | https://youtu.be/I7eSP03GeY0?si=E0tnpe3QEjkvccp1 |
| 50. | Economic Importance of Fungi | UG | You tube | https://youtu.be/mZUPY76znNs?si=2m914YOaxTIOElZZ |
| 51. | <i>Chara</i> life cycle part - I | UG | You tube | https://youtu.be/imkW3wMnjM4?si=AUQjFKMFFyIfexjd |
| 52. | <i>Chara</i> Life Cycle - 2 | UG | You tube | https://youtu.be/rZsW8aYmN5Q?si=8aUprelxiHAJZcRB |
| 53. | Fungi Reproduction | PG | You tube | https://youtu.be/T6Wb5ZZ1Xpc?si=GpUIMS-NwGGkWCCTT |
| 54. | <i>Nostoc</i> life cycle | UG | You tube | https://youtu.be/tJULVzJ-t1w?si=SPnt3fAJtut9c15N |
| 55. | Fungi - General Characters | PG | You tube | https://youtu.be/Esv2WlUfaQ?si=K05W9bXkkRjFg8EG |
| 56. | Algae - Classification & Eco. Imp. | UG | You tube | https://youtu.be/NEmmPDwjRVA?si=XBcxMDoogouOrm9T |
| 57. | Algae - Reproduction | UG | You tube | https://youtu.be/UcpTsfYncII?si=tWbNUqF2IdC76Ld |
| 58. | Paper-I Plant Diversity Discussion | UG | You tube | https://youtu.be/xmX1psKgRKE?si=7kVOuZEsahbcCWT |
| 59. | Algae Intro-1 | UG | You tube | https://youtu.be/JyNNa4JUdro?si=qdSxhE-nG5E9BK9k |
| 60. | Algae Intro-2 | UG | You tube | https://youtu.be/s5AH1P7-A7M?si=nqqUG-KNOFx7pgU |
| 61. | Chapter-1 Introduction | UG | You tube | https://youtu.be/kCBxzai_R8o?si=c4VZG3iEAZDpR-Cv |

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| 62. | Paper- I Cryptogamic Botany Discussion | UG | You tube | https://youtu.be/f9ehAQsZIZk?si=3QQp_b4qPRVi0aS4X |
| 63. | Hyphochytridiomycetes | UG | You tube | https://youtu.be/drF5Jv1Vg10?si=Sw2mL_WydeaNaT7Z |
| 64. | Synchytriales order | UG | You tube | https://youtu.be/jnqWtoDsYTM?si=4ST3Fg7yy6TD_sB9 |
| 65. | Mastigimycotina | UG | You tube | https://youtu.be/lsQ8ECDng9M?si=SGYBhFRZY791mGI |
| 66. | Life cycle of Plasmodiophora | UG | You tube | https://youtu.be/AuhZk79IzRk?si=AvWoGmo93S_Dqcif |
| 67. | Plamodiophoromycetes | UG | You tube | https://youtu.be/rY8zd1CGCpQ?si=S35mCJcljI8TYCzD |
| 68. | Life cycle of <i>Stemonitis</i> | UG | You tube | https://youtu.be/P_f-iLHFIIA?si=nI3pKk_eBcSsTNDx |

15) Work Experience on Academic Bodies and other:

| Sr. No. | Designation/ Position | Duration | Name of Institute / University | Details |
|---------|---|--------------------------|---|---------|
| 1. | Laboratory Assistance | 01/07/2003 to 15/02/2004 | Department of Botany, Shivaji University, Kolhapur | - |
| 2. | Lecturer in Botany [C.H.B.] | 13/07/2004 to 31/03/2005 | Shri Shivaji Mahavidyalaya, Barshi, Dist. Solapur | - |
| 3. | Assistant Professor in Botany [Full Time] | 01/09/2005 onwards | Tuljaram Chaturchand College, Baramati, Dist. Pune | - |
| 4. | BoS Member | 2021-2025 | Department of Botany, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati. | - |
| 5. | CEO College Examination Officer | 2022-2023 | Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati. | - |

16) Life Membership of Profession Bodies:

| Sr. No. | Name of Professional Body |
|---------|---|
| 1. | Life member of an International Journal Advances in Plant Sciences. |

17) Any other Attainment: _____