

## Curriculum Vitae

**Name** :- Dr. Ganesh Bapudasji Hedawoo  
**Date of Birth** :- 20 / 01 / 1972.  
**Nationality** :- Indian  
**Designation** :- Assistant Professor  
**Subject** :- Botany  
**Area of research** :- Mycology, Seed & Plant Pathology, Mushroom Biology  
**Date of joining** :- 15 / 07 / 1999.  
**Place of work** :- Shri Shivaji Science College , Amravati.  
**Address** :- “Nisarga”, 62-Yogiraj Nagar, Tapovan Road ,New Camp, Amravati.  
**Contact No.** :- 0721 - 2663544 , Mob. 9420714286.  
**E-mail** :- [drgbhedawoo@gmail.com](mailto:drgbhedawoo@gmail.com)

### Academic qualification:

<b>B. Sc.</b>	<b>Year:</b> 1992	RTM Nagpur University, Nagpur
<b>M. Sc.</b>	<b>Year:</b> 1994	RTM Nagpur University, Nagpur
<b>Ph. D.</b>	<b>Year:</b> 2004	RTM Nagpur University, Nagpur

### Research Fellowship:

Five years research experience as JRF in the project “**Introgression of Yellow seeded, white rust resistance, high oil, low glucosinolate, low erucic acid, in *Brassica juncea* and *Brassica napus*.**” funded by National Dairy Development Board (NDDB), Anand (Guj.), at P.G.T.D. Botany, RTM Nagpur University, Nagpur.

### Title of the Ph.D. Thesis:

“**Mutagenic Studies in *Brassica oleracea* var. *botrytis* Linn. subvar. *cymosa* Lam.**”

### Ph. D. Guide:

Dr. R. P. Thakare, PGTD Botany, Nagpur.

**National Conferences / Symposia / Seminars attended: 35**

**International Conferences attended: 05**

**Workshops attended: 21**

**Abstracts published: 48**

### Conferences/Workshops/Symposium attended:

1. Fiftieth Annual Meeting & National Symposium on ‘Present Scenario in Diseases of Oilseeds and Pulses’. 17-19 Feb. 1998. Aurangabad.
2. International Symposium on ‘Microbial Biotechnology for Sustainable Development and Productivity’. 14-16 Nov. 1998. Jabalpur.
3. International Conference on ‘Frontiers in Fungal Biotechnology and Plant Pathogen Relations’. 16-18 Jan. 1999. Hyderabad.
4. Workshop on ‘Purna river sub-basin integrated water, soil, human livestock and allied resources development systems planning approach’. 26<sup>th</sup> June 2001. Amravati.
5. 88<sup>th</sup> Indian Science Congress on ‘Food, Nutrition and Environmental Security’. 3-7<sup>th</sup> Jan. 2001. IARI, New Delhi.

6. SIDBI-Sponsored 'Skill-cum-technology up gradation programme (STUP) on Medicinal and Aromatic plants'. Organized by CIMAP, Lucknow at NEERI, on 15-18<sup>th</sup> Feb.2001.Nagpur.
7. National Conference on 'Recent trends in composites'. Sponsored by UGC. On 28<sup>th</sup> Feb.-2<sup>nd</sup> Mar. 2001. Amravati.
8. Workshop on 'Land Scaping & Garden Practices' on 16<sup>th</sup> Sept. 2001. Amravati.
9. Seminar on 'Mushroom Production Technology' organized by Dr.Punjabrao Deshmukh Krishi Vidyapeeth, Akola and Shri Shivaji Agriculture College, Amravati on 22<sup>nd</sup> Mar. 2002.
10. Amravati University, Amravati, Dept. of Botany, workshop on 'New UGC Curriculum in Botany' on 12<sup>th</sup> Sept.2004.
11. Shri Shivaji Science College Amravati &UGC, New Delhi organized workshop on 'Mushroom Cultivation & Demonstration' on 5<sup>th</sup> Dec. 2004 at Deoolgaon.
12. Conference on 'Modern Trends in Plant Sciences with special reference to the role of Biodiversity in Conservation' organized by Dept. of Botany, Amravati University, Amravati on 17-20<sup>th</sup> Feb. 2005,Amravati.
13. Shri Shivaji Science College Amravati & UGC, New Delhi organized workshop on 'Mushroom Cultivation & Demonstration' on 18<sup>th</sup> Dec. 2005 at Sawarkhed.
14. Workshop on 'Mushroom Cultivation' by Matoshri Vimalabai Deshmukh Mahavidyalaya, Amravati sponsored by UGC on 19<sup>th</sup> Dec.-24<sup>th</sup> Dec. 2005.
15. National Conference on 'Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation' organized by Dept. of Biotechnology and Biological Sciences, Shri Shivaji Science College, Amravati on 28<sup>th</sup> to 30<sup>th</sup> Jan. 2007.
16. Shri Shivaji Science College Amravati & UGC, New Delhi organized workshop on 'Mushroom Cultivation & Demonstration' on 2<sup>nd</sup> Dec. 2007 at Kaotha (Bahale).
17. National conference on 'Biodiversity, Conservation and Sustainable Development' organized by P.G. Department of Botany, Nagpur University on 7<sup>th</sup> to 9<sup>th</sup> Jan. 2008.
18. National seminar on 'Ethnobotany', organized by Department of Botany. M. B. Patel College of Arts, Commerce and Science, Sakoli on 1<sup>st</sup> March 2009.
19. Seven day motivation camp organized by Dept. of Botany on 'Tending the roots: Revival of the Basic Sciences' at Shri Shivaji Science College, Amravati on 21<sup>st</sup> to 27<sup>th</sup> Oct. 2009.
20. National Seminar on 'Emerging Trends in Chemical and Life Sciences and its Relevance to Environmental Conservation' organized by Nutan Adarsh Arts, Commerce and Science College, Umrer on 4<sup>th</sup> Dec. 2009.
21. One day workshop organized by Dept. of Botany on 'Mushroom Cultivation and Technology' in NSS programme at Yaoli (Shahid ) on 5<sup>th</sup> Jan. 2010.
22. National Conference on 'Climatic change and its consequences' organized by Bhartiya Vidya Mandir in association with ISCA, Amravati Chapter on 12<sup>th</sup> to 13<sup>th</sup> Jan. 2010.
23. National Conference on 'Trends in Plant Sciences: Today and Tomorrow' organized by Shri Shivaji College, Akot on 22<sup>nd</sup> to 23<sup>rd</sup> Feb. 2010.
24. Conference on ' Current Scenario on Global Challenges in Germplasm Conservation and Biodiversity' organized by P.G.T.D. Botany, R.T.M. Nagpur University, Nagpur on 7&8<sup>th</sup> July, 2010.
25. National Seminar on 'Recent Trends in Bio-Geo Sciences' organized by Shri M. M. Mohota College of Science, Nagpur on 14<sup>th</sup> Oct.2010.
26. 'Fifth Sinhavlokan Conference' organized by Shri Shivaji Education Society, Amravati and Shantiniketan Lokvidhyapeeth, Sangali, at Amravati on 20&21<sup>st</sup> Dec. 2010.

27. '29<sup>th</sup> All India Rose Convention & Rose Show of the Indian Rose Federation' organized by Amravati Garden Club on 14-16<sup>th</sup> Jan. 2011.
28. National Conference on 'Recent Advances in Mycological Research' organized by Centre for Advanced Studies in Botany, Univ. of Madras on 8 & 9<sup>th</sup> Feb. 2011.
29. National seminar on 'Status of Biodiversity in India 2010-11' organized by R.D.I.K. College Badnera on 10<sup>th</sup> & 11<sup>th</sup> Dec. 2011.
30. National seminar on 'Forest for People' organized by P.G.T.D. Botany Nagpur & Dept. of Forest, Govt. of Maharashtra. On 28<sup>th</sup> & 29<sup>th</sup> Dec. 2011.
31. National seminar on 'Recent Trends in Plant Biotechnology' organized by Mahatma Fule Art, Com, & Science College, Warud on 28<sup>th</sup> Jan. 2012.
32. National Conference on 'Biodiversity Conservation for a better Biosphere' organized by Anand Niketan College of Sci., Arts & Com. Warora on 2<sup>nd</sup> Feb. 2012.
33. National Conference on 'Mycodiversity with its sustainable exploration & Biotechnological Application and 38<sup>th</sup> Annual Meeting of Mycological Society of India.' organized by Shri Shivaji Science College, Amravati on 6<sup>th</sup> & 7<sup>th</sup> Feb. 2012.
34. Seminar on 'Eco- Diversity and its Managements' organized by Dept. of Botany S.G.B. Amravati University, Amravati on 29<sup>th</sup> Feb. 2012.
35. National Conference on 'Biodiversity and its Conservation' organized by Jijamata Mahavidyalaya, Buldana on 17<sup>th</sup> & 18<sup>th</sup> Mar. 2012.
36. National Seminar on 'Recent Trends and Innovation Development in the various frontiers of Life Science' Organized by R. R. Lahoti Science College, Morshi on 27<sup>th</sup> Mar. 2012.
37. Motivation workshop on 'Techniques in Taxonomy Clenical to mofecular Approach' organized by Shri M.M. College of Science, Nagpur o 30<sup>th</sup> & 31<sup>st</sup> Mar. 2012.
38. National Conference on 'Recent Trends in Biosciences' organized by G.S.Science College, Khamgaon on 27<sup>th</sup> & 28<sup>th</sup> July 2012.
39. Orientation workshop on 'Cosmic Event of Transit of Venus- 2012' organized by Shri Shivaji Science College, Amravati on 22<sup>nd</sup> May 2012.
40. UGC sponsored one day regional workshop on 'Identification of Grasses' organized by S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad) on 1<sup>st</sup> Sept. 2012.
41. National Conference on 'Innovative Research Trends in Biological Sciences' organized by Shri Shivaji College of Arts, Commerce and Science, Akola on 8<sup>th</sup> & 9<sup>th</sup> Sept. 2012.
42. Two day workshop on 'Glossary on Biodiversity and Scientific Writing' organized by Commission for Scientific & Technical Terminology, under H.R.D. Ministry, New Delhi at Anand Niketan Mahavidyalaya, Warora on 3<sup>rd</sup> & 4<sup>th</sup> Oct, 2012.
43. 'International Vasundhara Film Festival' organized by Chitralipi, Satpuda Foundation at H.V.P.M Amravati on 11<sup>th</sup> - 14<sup>th</sup> Oct. 2012.
44. International symposium and XXII Annual conference of Indian Association for Angiosperm Taxonomy on 'Innovative Prospects in Angiosperm Taxonomy ( ISIPAT-2012) organized by Dept. of Botany, S. G. B. Amravati University, Amravati on 28<sup>th</sup> - 30<sup>th</sup> Oct. 2012.
45. National Conference on 'Advances in Life Sciences: Present and Future' organized by Vidyabharati Mahavidyalaya, Amravati on 11<sup>th</sup> & 12<sup>th</sup> Jan. 2013.
46. One day workshop on 'Importance of Mushroom: Cultivation Technology & Mushroom Recipes' organized by Shri Shivaji Science College, Amravati in collaboration with Amravati Garden Club, Amravati on 25<sup>th</sup> Jan. 2013.
47. One day workshop on 'Patents and Intellectual Property Management' Organized by Patent Cell of S.G.B. Amravati University, Amravati on 7<sup>th</sup> Feb. 2013.

48. Six day workshop on 'Fungal Biology & Taxonomy' organized by Department of Studies in Botany, University of Mysore, Mysore on 25<sup>th</sup>-30<sup>th</sup> Mar. 2013.
49. 5<sup>th</sup> Shivaji Vidnyan Parishad- 2017 on Science teaching, learning and evaluation: Experiences and challenges organised by Shri Shivaji Education Society, Amravati and Homi Bhabha Centre for Science Education, T.I.F.R., Mumbai during 28-30 Dec. 2017.
50. Bonsai making workshop organized by Amravati Garden Club Amravati and Shri Shivaji Horticulture College Amravati on 20<sup>th</sup> Dec. 2017.
51. UGC sponsored state level seminar on Current Scenario of Botanical Research organized by Shri Shivaji college of Arts, Commerce and Science, Akola on 2<sup>nd</sup> Feb. 2018.
52. National Conference on Recent Trends in Synthesis and Characterization of Futurictus Material in Sciences for the Development of Society organized by Late. Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science and Ashalata Gawande Commerce College, Sakharkherda on 13th Jan. 2018.
53. International Conference on Recent trends in Science and Technology: Sustainable development through scientific approach organized by Science College, Congress nagar Nagpur on 12-14 July 2017.
54. National Conference on Recent trends in Biotechnology and Biodiversity organized by Shri Shivaji Science College Amravati on 22- 23 Sept. 2017.
55. National Conference on Recent Trends in Conservation of Biodiversity organized by S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad) on 12th March 2016.
56. Silver Jubilee National Conference on Plant diversity: Past and Present organized by Dept. of Botany, Sant Gadgebaba Amravati University, Amravati during 30-31 Dec. 2016.
57. National seminar on Recent Trends in Life Sciences and Materials Science organized by R.M.G. Arts and Science college, Nagbhid, M.Z. Arts, Science and Commerce College, Desaignj and Gramgeeta Arts, Commerce and Science College, Chimur during 14-15 March 2016.
58. Workshop on Chrysanthemum cultivation and conservation organized by Amravati Garden club and Shri Shivaji Horti. College, Amravati on 20th July 2016.
59. National Conference on Advances and Innovations in Plant sciences organized by Dept. of Botany, G.V.I.S.H. Amravati during 29th Feb.- 1st March 2016.
60. National Seminar on Aspects and Appraisal in Plant science organized by Late Pundalikrao Gawali Arts and Sci. Mahavidyalaya Shirpur (Jain) on 15th March 2015.
61. A programme on Science and Technology for human development (PSTHD-2015) organized by Shri Shivaji Science College Amravati in collaboration with Indian Science Congress Association, Amravati Chapter during 9-10 March 2015.
62. Regional workshop on Research Performance Metrics and Intellectual Property Rights organized by Shri Shivaji Science College Amravati on 22nd Dec. 2014.
63. National Conference on Biodiversity Conservation and Role of Microbes in sustainable environment management organized by Jawaharlal Nehru Arts, Comm. And Sci. College Wadi, Nagpur on 18th Oct. 2014.
64. National Seminar on Advances in Plant Sciences organized by Dept. of Botany, RTM Nagpur Univ., Nagpur on 29th Oct. 2014.
65. All India Marathi Vidnyan Parishad organized by SGB Amravati University during 5-7 Dec. 2014.

## Paper Presented in Conferences/ Seminars / Symposia:

1. Diagnostic study of fungal diseases on different varieties of *Brassica* from Nagpur region pp.47. 15<sup>th</sup> Annual meeting of Indian Phytopathological society & National symposium on Present Scenario in Diseases of Oilseeds and pulses Dr. B. A. M. University, Aurangabad and Marathwada Agri. University, Aurangabad Center.
2. Management and utilization of wastes from Broccoli (*B.oleracea var. italica*). Pp. 140. International symposium on 'Microbial biotechnology for sustainable development and productivity'. Rani Durgavati University, Jabalpur.
3. Screening for resistivity and detection of fungal diseases on Brassica species. Pp. 18. International Conference on 'Frontiers in fungal biotechnology and plant-pathogen relations'. Osmania University, Hyderabad.
4. Evaluation of biocompost on the growth of crops plants. International Conference on 'Frontiers in fungal biotechnology and plant-pathogen relations'. Osmania University, Hyderabad.
5. Studies on the biodegradation of Broccoli (*B.oleracea var. italica*) waters. Pp. 47 National seminar on 'Bioinoculants for holistic sustainable rural developments'. Gurukul Kangri University, Harwar and Deen Dayal Upadhyay state Institute of rural Development, Lucknow.
6. A new approach in composting for sustainable farming. Pp. 55. 88<sup>th</sup> session of the Indian science Congress on 'Food Nutrition and Environmental security' Indian agriculture Research Institute, New Delhi.
7. History of mushroom cultivation: A review pp. 1. seminar on 'Mushroom cultivation Technology' Dr. Panjabrao Deshmukh Krishi vidyapeth, Akola and Shri Shivaji Agriculture College, Amravati.
8. Broccoli (*B. oleracea var. italica*), an exotic cole vegetable and induced mutants. pp. 82. International Conference on 'Morden Trends in plant science with special reference to the roll of Biodiversity in Conservation' Amravati University, Amravati.
9. Induced synchronous flowering mutants (SFM) in Broccoli (*B.oleracea var. italica*) pp. 74. National Conference on 'Morden Approach and innovations in Biotechnology and Biodiversity conservation. Shri Shivaji Science College, Amravati.
10. Three wild species of *Pleurotus* from Amravati region. Pp. 122. National Conference on 'Modern Approach and innovations in Biotechnology and Biodiversity conservation. Shri Shivaji Science College, Amravati.
11. Incidence of rhizospheric fungi associates with some medicinal plants. Pp.61. National Conference on 'Biodiversity conservation and sustainable development'. R. T. M. Nagpur University, Nagpur.
12. Some wild edible fleshy fungi from Amravati region. Pp. 140. National Conference on 'Biodiversity conservation and sustainable development'. R. T. M. Nagpur University, Nagpur.
13. Rhizosphere fungi associate with *Adiantum* from Melghat forest. pp. 1-3. National Seminar on 'Emerging Trends in Chemical and Life science and its relevance to Environmental Conservation. Nutan Adarsha Arts, Comm. & Sci. College, Umerer.
14. Wild fleshy fungi from Amravati region. Pp. 46-49. National Conference on 'Climate change and its Consequence, Bhartiya Mahavidyalaya, Amravati.
15. Viral Diseases on Vegetable Crops and their host range in Amravati region. Pp. 70-74. National Conference on 'Trends in plant science Today and Tomorrow'. Shri Shivaji College, Akot.

16. Seed borne Mycoflora on cruciferous vegetables. National Conference on 'Current scenario on global challenges in germplasm conservation and biodiversity. R. T. M. Nagpur University, Nagpur.
17. Some gasteromycetes from Amravati- Melghat region (M.S.) India. pp. 73-76. National seminar on 'Recent trends in Bio-Geo science'. Shri M. Mohota College of Science, Nagpur.
18. Mycodiversity of seed-borne pathogens associate with some oil seeds. Pp.10. National seminar on 'States of Biodiversity in India 2010-2011. R.D.I.K. College, Badnera and ISCA, Amravati.
19. Spore syndrome for arbuscular mycorrhizal fungi recorded from the undisturbed natural ecosystem of purna river sub-basin of Amravati (M.S) India pp. 47-49. National Conference on 'Biodiversity Conservation for a better biosphere'. Anand Niketan College, Warora.
20. Diversity of pathogens fungi on some medicinal and ornament plants from Amravati region (M.S) pp. 103-106. National Conference on 'Biodiversity Conservation for a better biosphere'. Anand Niketan College, Warora.
21. Wild mushroom Database: A repository for wild mushroom from melghat and Amravati region. pp. 107-109. National Conference on 'Biodiversity Conservation for a better biosphere'. Anand Niketan College, Warora.
22. Wild mushroom database of Amravati region pp. 73. National Conference on 'Mycodiversity with its sustainable exploration and biotechnological applications and 38<sup>th</sup> Annual meeting of Mycological society of India. Shri Shivaji Science College, Amravati & S,G.B. Amravati University, Amravati.
23. Fungal diversity on some medicinal and ornamental plants from Amravati region (M.S.). pp. 82. National Conference on 'Mycodiversity with its sustainable exploration and biotechnological applications and 38<sup>th</sup> Annual meeting of Mycological society of India. Shri Shivaji Science College, Amravati & S,G.B. Amravati University, Amravati.
24. Mycodiversity of seed-borne pathogens associate with some oilseeds. Pp. 82. National Conference on 'Mycodiversity with its sustainable exploration and biotechnological applications and 38<sup>th</sup> Annual meeting of Mycological society of India. Shri Shivaji Science College, Amravati & S,G.B. Amravati University, Amravati.
25. Seed-borne Mycoflora on cruciferous vegetables. pp. 96. National Conference on 'Mycodiversity with its sustainable exploration and biotechnological applications and 38<sup>th</sup> Annual meeting of Mycological society of India. Shri Shivaji Science College, Amravati & S,G.B. Amravati University, Amravati.
26. Study on incidence and seed mycoflora of black pepper, fennel and cumin. pp. 97. National Conference on 'Mycodiversity with its sustainable exploration and biotechnological applications and 38<sup>th</sup> Annual meeting of Mycological society of India. Shri Shivaji Science College, Amravati & S,G.B. Amravati University, Amravati.
27. Investigation on seed mycoflora of spices. pp. 99 National Conference on 'Mycodiversity with its sustainable exploration and biotechnological applications and 38<sup>th</sup> Annual meeting of Mycological society of India. Shri Shivaji Science College, Amravati & S,G.B. Amravati University, Amravati.
28. Diversity of pathogenic fungi on some vegetables and pulse (Legume) crops from Amravati region (M.S.). pp. 51-55. National Conference on Biodiversity and its conservation' organized by Jijamata Mahavidyalaya, Buldana.

29. Evaluation of Bio-Compost on the growth of Barley and *Brassica* plants. pp. 66-69. National Seminar on Recent trends and innovative Development in various frontiers of Life Science' organized by S. R. R. L. Science College, Morshi.
30. Incidence of Mycorrhizal fungi in *Santalum album* L. from Amravati. pp. 51-54. National Seminar on Recent trends and innovative Development in various frontiers of Life Science', organized by S. R. R. L. Science College, Morshi.
31. Studies on storage fungi associated with pigeon pea seeds. pp. 68-72. 'National Conference on 'Recent Trends in Biosciences' organized by G. S. Science , Arts & Com. College, Khamgaon.
32. Influence of hosts on mass multiplication of *Glomus fecundisporum*. pp. 101-104. 'National Conference on Recent Trends in Biosciences' organized by G. S. Science , Arts & Com. College, Khamgaon.
33. Post- harvest fungal diseases of some fruits from Amravati (M.S.). pp. 117-121. 'National Conference on Recent Trends in Biosciences' organized by G. S. Science , Arts & Com. College, Khamgaon.
34. Arbuscular Mycorrhiza and dark septate fungal association in *Costus speciosus* (Koem. Ex. Retz)Sm. pp. 130-132. 'Innovative Research Trends in Biological Sciences' organized by Shri Shivaji College of Arts, Comm. and Science, Akola.
35. Seed Borne Fungi on Chilli from Warud Taluka. pp. 151-153. 'Innovative Research Trends in Biological Sciences' organized by Shri Shivaji College of Arts, Comm. and Science, Akola.
36. Studies on the status of Arbuscular mycorrhizal fungi on *Murraya* species. International symposium 'Innovative Prospects in Angiosperm Taxonomy'. S. G. B. Amravati University, Amravati.
37. Phytoplasmal phyllody and witches broom disease on *Catharanthus roseus* from amravati region. International symposium 'Innovative Prospects in Angiosperm Taxonomy'. S. G. B. Amravati University, Amravati.
38. Mycoflora studies on sunflower (*Helianthus annuus* L.) seeds. National symposium 'Microbial Consortium Approaches for plant Health Management. P.D. K. V. Akola.
39. On statistical measures of Biodiversity. National Conference 'Advances in Life Sciences: Present and Future'. Vidyabharati Mahavidyalaya, Amravati.
40. Arbuscular Mycorrhizal and dark septate endophytic fungi associated with *Asparagus aethiopicus* L. National Conference 'Advances in Life Sciences: Present and Future'. Vidyabharati Mahavidyalaya, Amravati.
41. Mycorrhizal Associations in some Pteridophytes from Melghat region. National Conference on Recent Trends in Conservation of Biodiversity. S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad).
42. Fungal Diseases on Fruit plants from Amravati region. National Conference on Recent Trends in Conservation of Biodiversity. S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad).
43. Occurrence of Mycoflora associated with Cashew nuts (*Anacardium occidentale* L.). National Conference on Recent Trends in Synthesis and Characterization of Futuristic Material in Sciences for the Development of Society. Late. Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science and Ashalata Gawande Commerce College, Sakharkherda.
44. Isolation of Pathogenic Fungi on Betel Vine (*Piper betle* L. ) from Anjangaon Surgi region. National Conference on Recent trends in Biotechnology and Biodiversity. Shri Shivaji Science College Amravati.

45. Diversity of Fungi on Strawberry crop from Melghat region. National Conference on Recent trends in Biotechnology and Biodiversity. Shri Shivaji Science College Amravati.
46. Effect of *Glomus fecundisporum* Schenck and Smith on plant growth and P-Uptake in *Vigna radiata* L. International Conference on Recent trends in Science and Technology: Sustainable development through scientific approach.
47. Occurrence of Mycobiota associated with *Ficus carica* L. International Conference on Recent trends in Science and Technology: Sustainable development through scientific approach.

### Research Papers Published:

1. **Thakre, R. P., Fulzele, A. A. and Hedawoo, G. B. 1999.** Utilization of weeds through improved techniques of composting. *J. Soils and Crops*. 9 (1) 57-60.
2. **Hedawoo, G. B. 1999.** Thermo-sensitive floral abnormalities in Broccoli (*B. oleracea* var. *italica*) *J. Soils and Crops*. 9 (2) 280-281.
3. **Hedawoo, G. B. and Thakre, R. P. 2003.** Management and utilization of wastes from Broccoli (*Brassica oleracea* var. *italica*). In: Biotechnology of microbes and sustainable utilization. Ed. R. C. Rajak, *Sci. Publi. Jodhpur*, Chapter 48: 327-332.
4. **Hedawoo, G. B. and Thakre, R. P. 2004.** Induced chlorophyll mutations in Broccoli (*Brassica oleracea* var. *italica*). *Jour. of Science and Technology, Sambalpur University (SUJST)* Vol. XVI (A): 40-44.
5. **Hedawoo, G. B. 2005.** Qualitative and quantitative improvement of Broccoli (*Brassica oleracea* var. *italica*) through mutagenesis and hybridization. In: Advance concepts in Plant Sciences. Ed. K. H. Makde, S.E. Pawar, A. D. Chaudhary. *Dattsons Publi.* 292-303.
6. **Hedawoo, G. B. and Mohite, P. U. 2008.** Some wild edible mushrooms from Melghat Tiger Reserve Forest and Amravati region. *Biosci. Biotech. Res. Comm.* Vol(1) No.(2): 163-167.
7. **Hande, D. V. and Hedawoo, G. B. 2009.** Rhizosphere fungi associated with *Adiantum* from Melghat Forest. In: *National Seminar on Emerging Trends in Chemical and Life Sciences and its Relevance to Environmental Conservation, Umrer. Proceeding:* 1-3.
8. **Hedawoo, G. B. 2010.** Wild fleshy by fungi from Amravati Region. In: 'Proceeding on National Conference on Climate Change & its Consequences', organized by Bhartiya Mahavidyalaya, Amravati. (Ed. S. R. Kadu) pp. 46-49.
9. **Hedawoo, G. B. 2010.** Viral diseases on vegetable crops and their host range in Amravati region. In: *National Conference on Trends in Plant Sciences: Today and Tomorrow, Akot. Proceeding:* 70-74.
10. **Hedawoo, G. B. and Gawande, P. A. 2010.** Some Gasteromycetes from Amravati - Melghat Region (M.S) India. In: 'Proceeding on National Seminar on Recent Trends in Bio-Geo Sciences', organized by Shri M. M. Mohota College of Science, Nagpur (Ed. S. K. Giri) pp.73-76.
11. **Hedawoo, G. B. 2010.** Phyllody and Witches Broom Diseases- New records from Maharashtra. *J. Mycol. Pl. Pathol.* 40(3):468-469.
12. **Hedawoo, G. B. 2010.** Wild Mushroom Flora from Amravati Region, Maharashtra, India. *J. Mycol. Pl. Pathol.* 40(3): 441-444.
13. **Gauri Deshpande, H. F. Daginawala, R. S. Kashyap, N. M. Atre, S. R. Nagmote, and G. B. Hedawoo. 2011.** Expression study of *Mycobacterial* Hsp 70 protein in serum



samples of Pulmonary Tuberculosis patients. *Jour. Comput. Intelli. in Bioinformatics*. 4(1) 71-77.

14. **Hedawoo, G. B. and Chakranarayan, R. G. 2011.** Isolation of fungal species from the seeds of some Indian spices. *Bioscience Biotech. Res. Comm.* 4(2):208-210.
15. Maggirwar, R. C.; Khodke, S. P.; Deotare, P. W. and **Hedawoo, G. B. 2012.** Spore syndrome of arbuscular mycorrhizal fungi recorded from the undisturbed natural ecosystem of Purna river sub-basin of Amravati (M.S.), India. *Jour. of Sci. Infor.* 3: 47 – 49.
16. **Hedawoo, G. B.; Sontakke, N. R.; Patharkar, S. P.; Maggirwar, R. C. and Khodke, S. P. 2012.** Diversity of pathogenic fungi on some medicinal and ornamental plants from Amravati region (M.S.) *Jour. of Sci. Infor.* 3: 103 - 106.
17. **Hedawoo, G. B.; Pilley, H. H.; Atre, N. M. and Nagmote S. R. 2012.** Wild Mushroom Database: A repository for wild mushrooms from Melghat and Amravati region. *Jour. of Sci. Infor.* 3: 107 - 109.
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26. Patharkar S.P., N.R. Sontakke and **G.B. Hedawoo.2013**. Evaluation of seed mycoflora and Germination percentage in *Helianthus annuus* L.–*International Journal of Innovations in Biosciences*. Vol. 3(1) 1-5.  
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27. Sontakke Namita, Patharkar Sampada and **Hedawoo Ganesh.2013**. Mycofloristic studies on Mungbean seeds. *Asian Journ. of Biology and Biotechnology*. Vol. 2 (2) e 206.Pp.1-5.
28. Sontakke N.R. and **Hedawoo G.B.2014**. Mycoflora associated with seeds of chickpea. *Int. J. of Life Sciences*. Social Issue A2: 27-30.
29. Patharkar S.P. and **Hedawoo G.B. 2014**. Mycodiversity associated with seeds of Soybean (*Glycine max* L.) Seeds *Int. J. of Life Sciences*. Social Issue A2: 39-42.
30. Maggirwar R.C., **Hedawoo G.B.**, Khodke S.P. and Bobade P.B. **2017**. Effect of *Glomus fecundisporum* Schenck and Smith on plant growth and P-Uptake in *Vigna radiata* L. *Int. J. of Res. in Biosc., Agri and Tech*. Special issue (2), Vol. 5: 905-907.
31. **Hedawoo G.B.**, Bijwe Harsha V. and Maggirwar R. C. **2017**. Occurrence of Mycobiota associated with *Ficus carica* L. *Int. J. of Res. in Biosc., Agri and Tech*. Special issue (2), Vol. 5: 985-989.
32. **Hedawoo G.B.** and Bijwe Harsha V. **2018**. Occurrence of Mycoflora associated with Cashew nuts (*Anacardium occidentale* L.) *Int. J. of Curr. Engi. and Sci. Res*. Issue 1 Vol. 5: 429-434.

### Conferences/ workshops/seminars Organized:

- 29<sup>th</sup> All India Rose Convention & Rose Show of The Indian Rose Federation on 14<sup>th</sup> to 16<sup>th</sup> Jan. 2011 at Amravati. (**Joint Secretary**).
- National Conference on Myco-diversity with its sustainable exploration and Biotechnological applications on 6<sup>th</sup> & 7<sup>th</sup> Feb. 2012 at Amravati. (**Joint Secretary**).
- In the organization of many conferences, workshops and seminars worked as treasurer, organizing committee member, steering committee member.

### Sessions chaired in conferences:

- In conferences for conducting the technical sessions worked as chairperson, rapporteur and chairman and member of jury panel.

### Orientation Course:

- Conducted by Amravati University, Amravati from 2<sup>nd</sup> June to 25<sup>th</sup> June 2001.

### Refresher Course:

- Conducted by University of Pune at New Arts, Com. and Sci. College, Ahmadnagar from 31<sup>st</sup> Mar. to 20<sup>th</sup> Apr. 2004.
- Conducted by S.G.B. Amravati University, Amravati from 3<sup>rd</sup> March to 20<sup>th</sup> March 2010.

### **Short Term Course:**

- Six day workshop on 'Fungal Biology & Taxonomy' organized by Department of Studies in Botany, University of Mysore, Mysore on 25<sup>th</sup> - 30<sup>th</sup> Mar. 2013.

### **University Examination/Research/Evaluation Work:**

- Working as an Invigilator, Evaluator, Moderator, Paper setter, Subject expert, Internal as well as External examiner; as Ph.D.;M.Phil. guide; as LEC member for the S.G.B. Amravati University and other University examinations.

### **Teaching Experience:**

- **P. G.** - 18 yrs. - as a contributory teacher.
- **U. G.** - 19 yrs. - as a full time regular teacher.

### **P.G. Coordinator:**

- Working as coordinator of P.G. Bioinformatics.

### **M. Phil. Supervisor:**

- **One** student is awarded.

### **Ph.D. Supervisor:**

- **Two** research students. One submitted the thesis.
- Conducted Ph.D. viva in Dr.Babasaheb Ambedkar Marathwada University, Aurangabad.

### **P.G. Research Projects:**

- Guided more than 20 M.Sc. research projects.

### **Research Projects Submitted:**

**Two Minor Research Projects** have submitted, sanctioned by U.G.C., Pune.

1. 'Systematic Studies of Macromycetes Distributed in Amravati Region.' of Rs. **85,000/-**.
2. 'Systematic studies of Macrofungi Diversity Distributed in Amravati Region.' of Rs. **1,10,000/-**.

### **Corporate Life:**

- Joint Secretary of Amravati Garden Club, Amravati.

### **Research Awards:**

- **Two** Best Poster Awards in National Conferences held at Warora and Buldana.
- **One** Best Oral Presentation Award in National Conference held at Khamgaon.

### **Best Teacher Award:**

- Rewarded as Best Teacher Award- Senior College (2013-2014). Shri Shivaji Science College, In memory of Late Smt. Manjulabai Wasudeorao Deotare.

### **Report Submitted to Hon'ble Governor:**

- Worked as Expert Member (Plant Pathologist). "Report on sustainability assessment of tree species against environmental vagaries" (2015). Submitted to the Hon'ble Governor and Chancellor of Universities, Maharashtra State submitted by SGB Amravati Univ.,Amravati.

### **College Committees:**

- IQAC Comm. Member
- Admission Comm. Member
- Guardian Teacher Comm. Member
- Feedback and Assessment Comm. Member

### **Life Memberships:**

1. Indian Phytopathological Society, IARI, New Delhi, 110 012.
2. Indian Society of Genetics and Plant Breeding, IARI, New Delhi, 110 012.
3. Indian Society of Plant Genetic Resources, NBPGR Campus, New Delhi, 110 012.
4. The Indian Science Congress Association, Calcutta, 700 017.
5. Bharat Krishak Samaj, New Delhi.
6. Society for Basic and Applied Mycology, R. D. University, Jabalpur.
7. Indian Society of Mycology and Plant Pathology, Maharana Pratap Univ. of Agri. and Technol. Udaipur, Rajasthan.
8. Mushroom Society of India, NRCM, Solan, Himachal Pradesh.
9. Executive Member of Amravati Garden Club, Amravati.
10. Member of Nisarga Sanrakshan Sanstha, (NGO) Amravati.
11. Member of NUTA.
12. Member of Green Army, M.S.
13. Life member of Swamy Vivekanand Ashram, Amravati.

**(G. B. Hedawoo)**