

CURRICULAM VITAE

Dr. Mahendra Ramesh Bhise

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Personal Details:

Designation	: Assistant Professor & Head, Department of Botany, Late Ku. Durga K. Banmeru Science College, Lonar. Dist. Buldhana. 443302. (Joined on 27 th June 2016)
Pay Scale	: 57,700 – 1,82,200 Currently at AL- 11 (as per 7 th pay)
Current address	: Sharada Niwas, Vivekanand Colony, Lonar Tal- Lonar, Dist. Buldhana. Pin. 443302. (Maharashtra)
Permanent Address	: At /Post- Dingore Tal. Junnar, Dist. Pune. 412409.
Date of birth	: 17 th August 1986.
Gender	: Male
Nationality	: Indian.
Category	: Open (Hindu – Maratha)
Languages known	: English, Hindi and Marathi.
Research Area	: “Fungal Taxonomy, Angiosperm Systematics, Medicinal plant diversity and Conservation”

Academic Record –

Educational Qualification	Percentage/GPA	Month & Year of Passing	Institution/College	University/Board
Ph.D. (Botany-Mycology)	Awarded	Oct, 2015	Krishna Mahavidhyalaya, Rethare (Bk.), Tal. Karad, Dist. Satara.	Shivaji University, Kolhapur.
M.Sc. (Botany-Mycology & Plant Pathology specialization)	Grade : B GPA : 3.5	June, 2009	Dept. of Botany, University of Pune.	University of Pune
B.Sc.(Botany)	81.20 %	June, 2007	Annasaheb Awate College, Manchar.	University of Pune

Topic of Ph. D.: "TAXONOMICAL STUDIES IN FOLIICOLOUS BLACK MILDEW FUNGIFROM MAHABALESHWAR AND ITS SURROUNDINGS"

under the guidance of Dr. C. R. Patil and Co-guidance of Dr. C. B. Salunkhe.

Ph.D. Equivalence: Ph.D. awarded has compliance of the provision of UGC (Minimum Standard & procedure for the award of Ph.D. Degree Regulation 2009);

Post-Doctoral Fellowship :

National Post Doctoral Fellowship (NPDF) by SERB (File No. PDF/2016/001132) awarded in July 2016 for 3 Years but not executed due to join as full time lecturer in UG College.

Teaching Experience :

- 9Months of teaching experience as a **Lecturer in Botany** on UG level at **PDEA'S Annasaheb Waghire College of Science, Arts and Commerce, Otur, Tal- Junnar, Dist.- Pune. (2015-16)**
- 06 years 10 month of teaching experience as a **Assistant Professor in Botany** on UG level at **ASSP's L. K. D. K Banmeru Science College, Lonar. Dist Buldana. (June 2016 onwards)**

Academic Participation/ Extra-curricular Activities :

- **IQAC Co-ordinator** from Sept, 2020 to up to the date: actively participate in **AQAR submission for last 3 years; IIQA submission; SSR submission; DVV submission for accreditation of NAAC, 2nd cycle** at L.K.D.K. Banmeru Science College, Lonar
- **Head**, Department of Botany, L.K.D.K. Banmeru Science College, Lonar (Since June 2016)
- **Co-ordinator** for Organization of State Level "**LONAR SCIENCE FESTIVAL 2018**"
- **Co-ordinator** for organizing Webinar on **NEP-2020: Challenges in Higher Education**; workshop on Herbal medicine; fundamental Botany
- **Teacher Co-ordinator** at college level for '**AVISHKAR**' **Research Convention** by Sant Gadge Baba Amravati University, Amravati (Academic Year 2017;2018;2019)
- **Co-ordinator**, Research Committee in college (AY- 2017;2018;2019)
- **Co-editor**, College Annual Magazine '**AMRUT**' (2017, 2018, 2019)
- **Chief-Officer In-charge**, S-2019; W-2019 University Examination
- **External Examiner** for University Practical Exam
- **Evaluator:** Science Festival-2019 organized by L. K. D. K. Banmeru ScienceCollege, Lonar & S. R. T. M. University, Nanded
- **Valuator**, for University Theory paper B.Sc. II Sem III at Digital Valuation Centre, Chikhali (17th to 19th May 2018): S-2022 exam SGBAU, Amravati.
- **Co-ordinator**, Carrier Counseling & Guidance Cell (AY 2019-20)
- **Co-ordinator**, Parents Meet (AY 2018-19)
- **Member**, College Examination Committee (AY 2018-19;2019-20)
- **Member**, NSS Advisory Committee (AY 2017-18;2018-19;2019-20)

Course/Workshop/Orientation/Refresher course attended:

Name of the course	Place	Duration	Sponsoring agency
45th Orientation Course	UGC- Human Resource Development Center Sant Gadage Baba Amravati University, Amravati (Maharashtra)	16 th July 2019 to 05 th Aug 2019	UGC- Human Resource Development Center Sant Gadage Baba Amravati University, Amravati /Ministry Of HRD Gov. of India.
SWAYAM Online Annual Refresher Programme in Teaching (ARPIT) Course Skills for New Education Architecture	Sant Gadge Baba Amravati University Amravati (Online)	1st Sept 2019 to 15th Jan 2020	Sant Gadge Baba Amravati University Amravati
Inter/ Multidisciplinary Refresher Course (Online Course) Environmental Studies & Disaster Management	UGC -HRDC Ranchi University, Ranchi	17th to 30th Nov 2021	UGC -HRDC Ranchi University, Ranchi
National Conference on “Recent Advances & Opportunities in Biological Science (REAOBS 2017)”	Late Pundalikrao Gawali College, Shirpur Jain	17 th March 2017	Dept. of Botany, Late Pundalikrao Gawali College, Shirpur Jain
Workshop on “NAAC- Accreditation Awareness”	Shri Shivaji College, Akola	24 th Nov 2017	IQAC, Sant Gadage Baba Amravati University, Marvati & Shri Shivaji college of Arts, Commerce & Science
One Day National Conference on “Innovative Trends in Life Science”	Shri Vyankatesh College, Deulgaon Raja	23 rd Dec 2017	Dept. of Botany, Shri Vyankatesh College, Deulgaon Raja
One Day District Level „AVISHKAR“ workshop on Orientation & Awareness for College Co-ordinators	Shri Shivaji College, Chikhali	11 th Sept 2018	Shri Shivaji College, Chikhali & Sant Gadage Baba Amravati University, Maravati
Workshop on “NAAC (New Framework Quality Assurance Startegy & Developing Quality Culture in the HEI“s”	Degree College of Physical Education, Amravati	26 th Nov 2019	Degree College of Physical Education, Amravati & Joint Director, Regional Office, Higher Education, Amravati
Certificate course in “Soft Skill Development Programme”	UGC- Academic Staff College, University of Pune	Sept 2008	UGC- Academic Staff College, University of Pune
Certificate course in “Plant tissue culture”	Plant tissue culture laboratory of Annasaheb Awate college, Manchar (Dist. Pune)	March 2007	Plant tissue culture laboratory of Annasaheb Awate college, Manchar (Dist. Pune)

Extracurricular Activities :

- Deliver 'Guest Lecture on Currier in Botany & Genetics' at Late Pushpadevi Patil College, Risod Dist. Washim on 2nd Feb 2019
- Deliver online lecture in "National Webinar on Diversity of Black Mildew Fungi" at Basavaprabhu Kore Art's , Science & Commerce College, Chikodi, Karnataka
- Participated as a **Resource Person** in **Educational Innovation Project conservation program "Sacred Grove Conservation and ethno-botanical study"** during 2010- 2012, organized by Dept. of Botany, Hon. B. J. College, Ale, Tal. Junnar, Dist. Pune.
- Participated in Exhibition on "Gift Articles from Plant Resources"/ Poster exhibition on "Indian Botanist" organized by Dept. of Botany, D.K.A.S.C. College, Ichalkaranji on 14th Jan. 2015.

Book Published : 04

- A reference book entitled "**Foliicolous Black Mildew Fungi From Mahabaleshwar (Western Ghats)**" by Mahendra Bhise, Chandrahas Patil & Chandrakant Salunkhe; published by **LAMBERT Academic Publishing, Germany**; Sept 2019; ISBN No: 978-3-659-56555-7
- **A text Book B. Sc. First Year course in Botany Sem I** as per syllabus of Sant Gadge Baba Amravati University, Amravati: Sept, 2022: ISBN No. 978-93-94661-31-8.
- **A practical Manual for B.Sc III Sem V & VI Botany** as per syllabus of Sant Gadge Baba Amravati University, Amravati: Feb, 2023, ISBN No. 978-93-94661-56-1.
- **A handbook of B. Sc first year course in Botany practical Sem II** as per syllabus of Sant Gadge Baba Amravati University, Amravati: Feb, 2023, ISBN No. 978-93- 94661-77-6.

Research Project Experience :

- As a **Senior Research Fellow** on a major research project "**Studies in Terrestrial Flora of Jaitapur region, Ratnagiri**" funded by Nuclear Powers Corporation Limited, India (NPCLI), Mumbai, at College of Forestry, D.B.S.K.K.V., Dapoli, from October 2012 to September 2013).
- As a **Junior Research Fellow** on a major research project "**Digitized Inventory of Medicinal Plant Resource of Maharashtra State (Working Area - Pune District)**" funded by RGSTC Mumbai (Govt. of Maharashtra) and Co-ordinate by ARI Pune, at Hon. B. J. College, Ale, Tal- Junnar, Dist - Pune. From June 2009 to August 2012. Principal Investigator -Dr. (Mrs.) S. S. Rahangdale

Research Paper Published in the National / International Journals: 19

1. **Bhise, M. R.,** Rahangdale, S. S., Rahangdale, S. R. and Kambhar, S. V. **2013.** Floristic Study of Kalbhairavanatha Sacred Grove, Terungan, Ambegaon Taluka, Pune. **Research & Reviews: Journal of Botany**, 2(1): 17-24. ISSN: 2278-2222
2. **Bhise, M. R.,** Patil, C. R. and Salunkhe, C. B. **2014.** Two new species of asterinaceous fungi from Mahabaleshwar, Maharashtra, India. **Phytotaxa** 184 (5): 283-289; <http://dx.doi.org/10.11646/phytotaxa.184.5.4>; ISSN: 1179-3163; **Impact Factor: 1.3**
3. **Bhise, M. R.,** Patil, C. R. and Salunkhe, C. B. **2014.** Three new black mildew fungi from Mahabaleshwar, Maharashtra, India. **Int. J. of Life Sciences** 2(4): 304-310. ISSN: 2320- 7817| eISSN: 2320-964X

4. Patil, C. R., **Bhise, M. R.** and Patil, S. C. **2014**. Three new asterinaceous fungi from Western Ghats, India. *Current Research in Environmental & Applied Mycology* 4(1): 80–86; Doi10.5943/cream/4/1/6; ISSN: 2229-2225
5. **Bhise, M. R.**, Patil, C. R. and Salunkhe, C. B. **2014**. New Records of Meliolaceous Fungi from Mahabaleshwar, Maharashtra, India. *Flora and Fauna* 20 (2): 127-131. ISSN 0971-6920
6. **Bhise, M. R.**, Patil, C. R. and Salunkhe, C. B. **2015**. Three new records of black mildew fungi from India. *Current Research in Environmental & Applied Mycology* 5(1): 46–51; Doi 10.5943/cream/5/1/6; ISSN: 2229-2225
7. Patil, C. R., Jadhav, P. M., **Bhise, M. R.**, Patil, J. C. and Patil, S. C. **2015**. Some new records of macro-fungi from Mahabaleshwar, Satara district. In: Proceeding of the UGC sponsored National Conference on 'Recent trends in Life Sciences' organized by Dept. of Botany and Zoology, Jaysingpur College, Jaysingpur, Dist. Kolhapur, on 6-7 February 2015, p. 74–79. ISBN No. 978-81-927211-3-1.
8. **Bhise, M. R.**, Patil, C. R. and Salunkhe, C. B. **2015**. New species of genus *Asterina* (Asterinaceae) from Western Ghats, India. *Int. J. of Life Sciences*, 3(1): 67–75. ISSN: 2320- 7817| eISSN: 2320-964X
9. **Bhise, M. R.**, Rahangdale, S. S. and Rahangdale, S. R. **2015**. Effect of leaf harvesting on reproduction and natural populations of Indian Wild Banana *Ensete superbum* (Roxb.) Cheesman (Zingiberales: Musaceae). *Journal of Threatened Taxa* 7(5): 7181–7185; <http://dx.doi.org/10.11609/JoTT.o4004.7181-5>; ISSN 0974-7907 (Online)
10. Kambhar, S. V., **M. R. Bhise**, M. M. Naik, A. L. Parab, K. H. Patil, A. P. Tawade, V. K. Patil, A. D. Rane, S. S. Narkhede & S. G. Bhave **2015**. Additional information on the threatened *Cryptocoryne cognata* Schott (Araceae): A need for reassessment of the IUCN Red List status. *Journal of Threatened Taxa* 7(15): 8302–8304; <http://dx.doi.org/10.11609/jott.2471.7.15.8302-8304>; ISSN 0974-7907 (Online)
11. **Bhise, M. R.**, Patil, C. R. and Salunkhe, C. B. **2016**. Some new records of black mildew fungi from Mahabaleshwar, Maharashtra state, India. *Int. J. Life. Scienti. Res.*, 2(5): 666–672. ISSN: 2455-1716
12. C. R. Patil, **M.R. Bhise**, J. C. Patil & S.C. Patil. **2017**. Addition of Macrofungi to Fungi of India, from Kolhapur District. **Manchester: A Research Journal** (A Multidisciplinary issue) published by Dattajirao Kadam ASC College, Ichalkaranji, pp. 01-07. ISSN: 978-81- 926341-6-6.
13. **M. R. Bhise** & S. B. Borul. **2017**. Potential Medicinal Plant Resources from Lonar Crater. **Printing Area: International Research Journal**, special issue, pp. 46-50. ISSN: 2394- 5303, Impact Factor: 4.002(IJIF), UGC Approved Sr. No. 43053. (UGC approved Journal)
14. Jitendra Dange & **Mahendra Bhise**. 2020. Facilities Impact of COVID-19 on Library Reading & facility, E-Souvenir on One Day Interdisciplinary National E-Conference on Covid-19 & Its Impact on the Various Factors Organized By - M.E.S. Arts & Commerce College Mehkar, Dist Buldana - 443301 Maharashtra. ISBN - 978-81-942797-4-7, pp. 198-201.
15. Kamalakar K. Wavhal, **Mahendra R. Bhise** & Chetan D. Pawar, Phytochemical Analysis of Medicinal Plants from Lonar Crater, **Alochana Chakra Journal**, Volume IX, Issue V, pp. 150-155. ISSN NO:2231-3990 (UGC listed Journal).
16. **Mahendra R. Bhise**, Chandrahas R. Patil, Chandrakant B. Salunkhe & Sidanand V. Kambhar, 2021. species of *Asterina* and *Balladyna* (black mildew fungi) from Mahabaleshwar, Maharashtra, India. *Phytotaxa*, 511 (3), pp. 283-288. SSN 1179-3155 (print edition)ISSN 1179-3163 (online edition), Impact factor: 1.171 UGC CARE listed Journal, <https://doi.org/10.11646/phytotaxa.511.3.7>
17. **Mahendra Bhise**, 2022. *Aerva lanata*: A potential medicinal herb for removal of renal calculi (Kidney

18. **Mahendra R Bhise**, 2022. Diversity of Asterinaceous Fungi from Mahabaleshwar, Maharashtra, *Aayushi International Interdisciplinary Research Journal*, sp. Issue No. 109, pp. 123-130. ISSN 2349-638x.
19. **Mahendra R. Bhise**, Chandrahas R. Patil, Chandrakant B. Salunkhe & Sidanand V. Kambhar, 2023. *Asterina macrosolenae* sp. nov. (Asterinales, Asterinaceae) from northern Western Ghats, India. *Journal Mycopathology Research*, 61 (1); pp. 125-127. ISSN : 0971-3719 (Print), 2583-6315 (Online) UGC CARE listed journal

Paper presented in the National/International Conferences/seminars: 07

1. Rahangdale S. R., Rahangdale, S. S. and **Bhise, M. R.** 'Reproductive cycle in *Ensete superbum* (Roxb.) Cheesn.: Effect of leaf harvesting' In the **International Symposium on Angiosperm Systematics & Phylogeny: Retrospects & Prospects** 12-14 Nov. 2009 at **National Botanical Research Institute (NBRI), Lucknow (U. P.)**.
2. Rahangdale, S. S., Rahangdale, S. R. and **Bhise, M. R.** *A Review of Ethnomedicinal uses by Local Inhabitants*. In the **XI International Conference of International Organization of Plant Biosystematics (IOPB) on "Evolution of Plants from Tropical to High Mountain ecosystems: Focus on Asia"** 2-4 Sept. 2010, organized by International Association for Plant Taxonomy and Indian Association for Angiosperm Taxonomy at **Department of Botany, BAMU, Aurangabad (M.S.)**.
3. Rahangdale, S. S., Rahangdale, S. R. and **Bhise, M. R.** *Epidermal and Micro-Morphological Study in Some Species of genus *Ceropegia* L. (Apocynaceae: Asclepiadoideae)*. In **XX Annual conference of IAAT & International Symposium on, Taxonomy Plant Diversity and Conservation** 26-28 Dec. 2010, at **Bharathiar University, Coimbatore, Tamil Nadu**.
4. **Bhise M. R.**, Rahangdale, S. S. and Rahangdale, S. R. *Sacred Groves a Traditional Concept of Conservation: Floristic study of some Sacred Groves with Strong Religious Faith*. In the **XXI Annual conference of IAAT & National Seminar on Biodiversity Conservation and Climate Change** 2-4 Dec. 2011, at **IMMT, Bhubaneswar, Odisha**.
5. **Bhise M. R.**, Rahangdale, S. S. and Rahangdale, S. R. *Plant Utility and Participatory Conservation Strategies*. In the **International Symposium and XXII Annual conference of IAAT**, 28-30 October 2012 at **Dept. of Botany, Sant Gadge Baba Amravati University, Amravati, (M. S.)**.
6. **Bhise, M. R.**, Patil, C. R. and Salunkhe C. B. *New Records of Meliolaceous Fungi from Mahabaleshwar, Maharashtra, India*. In the **National conference on "Life Sciences: An Outlook and Challenges"** sponsored by **UGC**, 12-13 Sept. 2014, at **Dahiwadi College, Dahiwadi, Tal. Man, Dist. Satara**.
7. Patil, C. R., Jadhav, P. M., **Bhise, M. R.**, Patil, J. C. and Patil, S. C. *Some new records of macro-fungi from Mahabaleshwar, Satara district*. In the **UGC sponsored National Conference on 'Recent trends in Life Sciences'** 6-7 February 2015, organized by **Dept. of Botany and Zoology, Jaysingpur College, Jaysingpur, Dist. Kolhapur (M.S.)**.

Projects undertaken :

- Studies on the effect of AM Fungi on growth performance and alkaloid content of Tobacco (*Nicotiana tabacum* Linn.) plant. (M.Sc. Sem- IV Project)
- Studies on the effect of AM Fungi on growth performance of Pea (*Pisum sativum* Linn.) plant under heavy metal stress condition. (M.Sc. summer project at Department of Botany, University of Pune, Ganeshkhind - 07)
- Callus culture of Grape (*Vitis vinifera* L.) cv. Sharad seedless by tissue culture technique. (T.Y.B.Sc. project at Plant tissue culture laboratory, A. A. College, Manchar, Pune)

Computer Exposure :

- Maharashtra State Certificate in Information Technology (MS-CIT)
- Computer fundamentals – Experience of working with Windows XP, 7, 8 and Vista.
- Data feeding on RUSA/NAAC portal related to AQAR, IIQA, SSR, DVV, etc.
- Managed LKDKBSCL College Website since Three years
- Digital Banner/Pamphlets/ Brouchers prepared for admission/ webinar/seminar/other activities

Handled instruments and techniques :

- U.V spectrophotometer (Shimadzu)
- Microscopy- Fluorescence, Phase-contrast and Compound Binocular/light Microscope.
- **Molecular and biochemical methods-** Genomic and plasmid DNA isolation, restriction digestion of DNA, PCR, Agarose gel electrophoresis, SDS PAGE, biochemical and enzymological assays.
- Plant Tissue Culture– Meristem culture, callus induction, embryo culture.

Declaration :

I hereby declare that all statements made in this curriculum vitae are true, complete and correct to the best of my knowledge and belief.

Date:
Place:

Signature
(Dr. Mahendra R. Bhise)