

## SCIENTIFIC CREDENTIALS



### Dr. Mahendra Ramesh Bhise

Assistant Professor & Head,

Department of Botany,

Late Ku. Durga K. Banmeru Science College, Lonar. Dist. Buldhana. 443302.

(Joined on 27<sup>th</sup> June 2016)

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### Academic Record -

Educational Qualification	Percentage/GPA	Month & Year of Passing	Institution/College	University/ Board
Ph.D. (Botany-Mycology)	Awarded	Oct, 2015	Shivaji University, Kolhapur. M.S.	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

**Research Papers in Journals** : Nineteen (19) (National and International Journals)

**Book (with ISBN)** : Four (04)

**Patent Published** : One (01)

### Contribution to the Sciences:

#### A. New fungal species describe: 14

1. *Asterina beilschmiediae* Bhise, Patil & Salunkhe, *Int. J. of Life Sciences* 3(1): 68, 2015.
3. *Asterina helicanthis* sp. nov.
4. *Asterina hosagoudarii* Bhise, Patil & Salunkhe, *Int. J. of Life Sciences* 3(1): 71, 2015.
5. *Asterina macrosolenae* M.R. Bhise, C.R. Patil, C.B. Salunkhe and S.V. Kambhar, *J. Mycopathol. Res.* 61(1): 126, 2023
6. *Asterina myrtacearum* Bhise & Patil, in Bhise et al., *Phytotaxa* 184 (5): 284, 2014.
7. *Asterina oxyceri* Bhise, Patil & Salunkhe, *Int. J. of Life Sciences* 3(1): 73, 2015.
8. *Asterina rubiacearum* M.R. Bhise, C.R. Patil, C.B. Salunkhe & S.V. Kambhar, *Phytotaxa* 511 (3): 284, 2021.
9. *Asterostomella nothopegiae* sp. nov.

10. *Balladyna canthiigena* M.R. Bhise, C.R. Patil, C.B. Salunkhe & S.V. Kambhar, *Phytotaxa* 511 (3): 284, 2021
11. *Lembosia mahabaleshwariensis* Bhise & Patil, *Phytotaxa* 184 (5): 284, 2014.
12. *Meliola dioicae* Bhise & Patil, *Int. J. of Life Sciences* 2(4): 305, 2014.
13. *Sarcinella asystasiae* sp. nov.
14. *Sarcinella ligustri* Bhise & Patil, *Int. J. of Life Sciences*, 2(4): 309, 2014.
15. *Sarcinella sidae* sp. nov.

### **B. New fungal varieties describe: 01**

1. *Asteridiella websteri* Hosag. var. *oleae* Bhise & Patil, in Bhise *et al.*, *Int. J. of Life Sciences* 2(4): 305, 2014.

### **C. New records of fungi for India: 05**

1. *Meliola litseae* Sydow on *Litsea josephii* S. M. Almeida
  2. *Meliola luzonensis* Sydow on *Dimorphocalyx lawianus* (Muell.-Arg.) Hook.
  3. *Meliola sideroxyli* Stev. on *Xantolis tomentosa* (Roxb.) Raf.
  4. *Meliola turraeae* Hansf. on *Turraea villosa* Benn.
  5. *Meliola ventilaginicola* Hansf. on *Ventilago denticulata* Willd.
- **Topic of Ph. D.:** “**TAXONOMICAL STUDIES IN FOLIICOLOUS BLACK MILDEW FUNGI FROM MAHABALESHWAR AND ITS SURROUNDINGS**” under the guidance of Dr. C. R. Patil and Co-guidance of Dr. C. B. Salunkhe.
  - **Post Doctorate:** National Post Doctoral Fellowship (NPDF) by SERB (File No. PDF/2016/001132) awarded in July 2016 for 3<sup>yrs</sup> but not executed due to join as full time lecturer in UG college

### **Teaching Experience :**

- 5 Months and 21 days 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 9 month of teaching experience as **Assistant Professor in Botany** on UG level at **L. K. D. K Banmeru Science College, Lonar. Dist Buldana. (June 2016 onwards)**

### **Academic Participation :**

- **Head**, Department of Botany (Since June 2016)
- **IQAC Co-ordinator** from Sept, 2020
- **Co-ordinator** for Organization of State Level “**LONAR SCIENCE FESTIVAL 2018**” at Late Ku. Durgak. Banmeru Science College, Lonar
- **Teacher Co-ordinator** at college level for ‘**AVISHKAR**’ **Research Convention** by Sant Gadage 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 Science College, Lonar & S. R. T. M. University, Nanded

- **Valuator**, for University Theory paper B.Sc. II Sem III at Digital Valuation Centre, Chikhali (17<sup>th</sup> to 19<sup>th</sup> May 2018)
- **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)

### **Extracurricular Activities :**

- Deliver '**Guest Lecture on Carrier in Botany & Genetics**' at Late Pushpadevi Patil College, Risod Dist. Washim on 2<sup>nd</sup> Feb 2019
- 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 14<sup>th</sup> 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 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 macrofungi 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. Bhawe **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 Stone *International Journal of Creative Research Thoughts (IJCRT)*, Vol. 10 (2), pp. 502-506. ISSN: 2320-2882.
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)

**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 Ceropogia 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, Bhubaneshwar, 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.)**.

Date:

Place:

Signature

(Dr. Mahendra R. Bhise)