

# DR. NAMDAS DADA DHONDIBA

PROFESSOR OF BOTANY | RESEARCH GUIDE | ACADEMIC ADMINISTRATOR

Experienced academician with more than 33 years of undergraduate teaching and 10 years of postgraduate teaching experience. Specialized in Molecular Biology, Plant Breeding, Fungal Biodiversity, Mycorrhizal Research, Sustainable Agriculture, Phytochemicals, and Allelopathy.

## PERSONAL INFORMATION

- Full Name** : Dr. Namdas Dada Dhondiba
- Department** : Botany
- Present Institute** : Yashwantrao Chavan Institute of Science, Satara (Constituent College), Karmaveer Bhaurao Patil University, Satara
- Date of Birth** : 01 June 1967
- Category** : SC (Scheduled Caste)
- Nationality** : Indian
- Marital Status** : Married
- Address** : Thacker City, Tower II, Flat G-5, Godoli, Satara – 415001
- Mobile** : 9850752177
- Email** : ddnamdas@gmail.com
- ORCID ID** : 0000-0002-6892-1338
- Researcher ID** : JOK-2293-2023
- Google Scholar ID** : jaNM-IgAAAAJ

## EDUCATIONAL QUALIFICATIONS

Sr. No.	Exam. Passed	University	Year of Passing	Marks obtained (%)	Division/ Class	Subject
1	Ph.D.	University of Pune	2008	–	–	Botany
2	M.Sc.	Shivaji University, Kolhapur	May, 1991	64.00	Ist	Botany
3	B.Sc.	Shivaji University, Kolhapur	April, 1989	58.00	IInd	Botany
4	MS-CIT	M.S.B.T.E., Mumbai	Dec., 2004	–	Ist Distn	–

## TEACHING & RESEARCH EXPERIENCE

- U.G. Teaching Experience : 33 Years
- P.G. Teaching Experience : 10 Years
- Recognized P.G. Teacher & Research Guide in Botany
- Ph.D. Awarded : 01 Candidate
- Ph.D. Research Guidance : Ongoing
- External Examiner & Referee for M.Phil. and Ph.D. Programmes

## AREAS OF SPECIALIZATION

- Molecular Biology and Plant Breeding
- Fungal Biodiversity and Mycorrhizal Research
- Sustainable Agriculture and Biofertilizers
- Phytochemicals and Allelopathy
- Research Guidance, Supervision & Publication

## CORE COMPETENCIES

- Molecular Biology & Plant Breeding
- Arbuscular Mycorrhizal Fungi Research
- Sustainable Agriculture & Biofertilizers
- Fungal Biodiversity Studies
- Phytochemical Analysis
- Allelopathy Research
- Research Guidance & Supervision
- Curriculum Development & Academic Planning
- Quality Assurance (NAAC, NIRF, IQAC, ISO)
- Scientific Writing & Publication

## RESEARCH PROJECTS COMPLETED

1. Studies on plant diversity with reference to medicinal and endangered plant species from Ahmednagar.
2. Eco-friendly cultivation of onion with VA-mycorrhizal fungi.
3. Tomato response to VA-mycorrhizal inoculation in clay loam soil.
4. Influence of microbial bioinoculants on forest plants under nursery conditions.
5. Rhizosphere management for sustainable agriculture.

## RESEARCH ACHIEVEMENTS

- Published research papers in UGC-CARE, Scopus and peer reviewed journals.
- Member, Board of Editors, Flora and Fauna International Biological Research Journal.
- Chairman, Session Chair, Rapporteur, Subject Expert and Resource Person in National and International Conferences.
- Life Member, Indian Science Congress Association.

## AWARDS & HONOURS

- FISURYA (Fellow of Scientists Unique Researchers' Association) Honorary Fellowship awarded by Flora & Fauna International Biological Research Journal (2014).

## ADMINISTRATIVE & ACADEMIC RESPONSIBILITIES

- Dean, Faculty of Science & Technology
- Chairman, Board of Studies (Botany)
- Chairman, Research Advisory Committee
- Member, Academic Council, Governing Body, Finance Committee & Examination Committee
- IQAC Member & Departmental IQAC Coordinator
- NAAC Criterion Chairman & Documentation Secretary
- NIRF Coordinator & Expert
- ISO Coordinator
- Chairman, Finance & Accounts Committee
- CAP Director, Paper Setter & External Ph.D. Examiner
- Chief Coordinator, Professional Courses
- Chairman, LIC & Affiliation Committees (Shivaji University, Kolhapur)

## PROFESSIONAL MEMBERSHIP

- Life Member, Indian Science Congress Association.

## RESOURCE PERSON / INVITED LECTURES

- Story of Modern Science
- Genetic Engineering
- Biomolecular Aspects
- Bioinformatics
- Research Guidance
- Aspects of Molecular Biology and Biotechnology
- Introduction to Avishkar Activity
- Plant Biotechnology
- Preparation of Research Model & Poster
- Scope of Botany
- Research Methodology & Data Analysis
- Preparation for AVISHKAR
- Preparation of Research Article
- Preparation of NIRF
- Wetland and Biodiversity

## DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

(Prof. Dr. D. D. Namdas)

## RESEARCH PROFILE

### 4. Research Experience:

- **Area of Specialization: Molecular Biology and Plant Breeding**, Fungal biodiversity, Mycorrhizal Research and Agriculture, Phytochemicals, Allelopathy.
- **Ph.D.Awarded /Thesis title:** Ph.D.Awarded-01, Dr. Mr. Kadam Abhijit Suresh Studies on Insect-pests and diseases of polyhouse crop Gerbera from Satara district, Shivaji University Kolhapur, 2021
- In 2014, served as a **Member of the Board of Editors** for the journal **Flora and Fauna** (An International Research of Biological Sciences). This contribution was for **Volume 20, Number 2 (Special Issue)**, a publication that holds a **NAAS rating of 2.02** and is registered under **ISSN 0971-6920**.
- **Member DRC:** M. Phil/Ph. D Botany 2013-2015, Shivaji University Kolhapur 10.06.2013
- **Expert Examiner:** M. Phil and Ph. D Thesis scrutiny and External Referee, Shivaji University Kolhapur 10.06.2013
- **Expert Examiner :** University level One day workshop on Avishkar-Orientation programme Dahiwadi College Dahiwadi 12.11.2014
- **Subject Expert :** CAS Shivaji University Kolhapur 10.06.2013
- **Rapporteur :** Technical session of National symposium Maharashtra Mahavidyalaya Nilanga, 2015
- **Examiner Avishkar :** District Sangli, Magdum College of Engineering Jayasingpur, 28.12.2017
- **Examiner Avishkar :** District Kolhapur, Rajaram College Kolhapur, 6.01.2020
- **Chairman (Session):** National level Conference of Plant Biotechnology for Agriculture Development and Human welfare C.B.Khedgi's College of ASC, Akkalkot on 18-19.12.2013
- **Chairman (Session):** International level Conference Recent advances in renewable energy &Hygiene devices YCIS Satara 5-6.03.2018
- **RESEARCH RECOGNITIONS:**  
Recognition as a Post graduate teacher & Research Guide: BOTANY, Shivaji Universty Kolhapur and Karmaveer Bhaurao Patil University Satara
- **AWARDS/FELLOWSHIP: FISURYA:** Honorary Fellowship awarded (Fellow of Scientists Unique Researchers' yare Association) FLORA & FAUNA International Biological Research Journal, 8.09.2014

- **Research Guidance: Ph.D. (Ongoing)**

Sr.No.	Name of the Topic & candidate	Date of registration	University
1	Mr. BHOPALE AJIT BHAU Dahiwadi College Dahiwadi	30.10.2014	Shivaji University Kolhapur
2	Miss.NIKAM SUPRIYA RAVINDRA S.G.M.College Karad	19.10.2020	Shivaji University Kolhapur
3	Miss. ATAR HASINA, RAJUBHAI S.G.M.College Karad	19.10.2020	Shivaji University Kolhapur
4	Miss. BODHE MINAL Y.C.I.C.S Satara		Karmaveer Bhaurao Patil University, Satara

• **MINOR RESEARCH PROJECTS COMPLETED:**

Sr. No.	Title of the Research Project	Funding Agency
1	“Studies on plant diversity with reference to some medicinal and endangered plant species from Ahmednagar (M.S.)”	UGC
2	“Eco-friendly cultivation of Onion ( <i>Allium cepa</i> L.) with VA-mycorrhizal fungi”	UGC
3	“Tomato ( <i>Lycopersicon esculentum</i> Mill.) Response to VA-mycorrhizal inoculation in clay loam soil”.	UGC
4	Studies on influence of microbial bioinoculants on some forest plants in nursery conditions	UGC
5	Rhizosphere management for sustainable agriculture	RUSA College Karad

**5. Research Publications:**

**A. Papers in UGC-CARE/Scopus/Web of Science Journals:**

- Preliminary Phytochemical Analysis of *Alternanthera sessilis* Leaves (Linn). R.Br. ex DC., **YMER**, Volume 21, Issue 1, Pages 220–225, **2022**.
- Phytochemical Analysis of *Parthenium hysterophorus* Leaves, **Research Journal of Agricultural Sciences**, Volume 12, Issue 6, Pages 1998–2001, **2021**.
- Abnormal Pattern Formation in Vegetative and Floral Development in Polyhouse Gerbera Cultivation, **Research Journal of Agricultural Sciences**, Volume 12, Issue 2, Pages 607–611, **2021**.
- Weed Flora of Polyhouse Gerbera Fields from Satara District of Maharashtra, **Research Journal of Agricultural Sciences**, Volume 11, Issue 3, Pages 697–701, **2020**.
- Enumeration of AM fungi from Wheat field (*Triticum aestivum* L), **Flora and Fauna**, Volume 20, Issue 2, Pages 311–312, **2014**.
- Distribution of soil fungi in cotton fields, **Flora and Fauna**, Volume 19, Issue 1, Pages 121–123, **2013**.
- Indigenous AM fungi of Khandala area of Satara district (M.S), **Flora and Fauna**, Volume Special Issue, Pages 119–120, **2013**.
- Effect of Arbuscular Mycorrhizal inoculation on nutrient uptake and growth of Onion (*Allium cepa* L.), **Flora and Fauna**, Volume Special Issue, Pages 5–7, **2013**.
- A studies on AM fungi in *Withania somnifera* (L.) Dunal, **Proceeding of National Conference on Plant Biotechnology**, Pages 66–68, **2013**.
- Interaction of vesicular arbuscular mycorrhiza with rhizosphere fungi of tomato (*Lycopersicon esculentum* Mill.), **Advances in Plant Sciences**, Volume 23, Issue 2, Pages 763–764, **2010**.
- Status of AM fungi in Sorghum fields, **Advances in Plant Sciences**, Volume 23, Issue 2, Pages 763–764, **2010**.
- Influence of plant age on rhizosphere fungi of *Sorghum vulgare* (Pers.), **Flora and Fauna**, Volume Special Issue, Pages 25–26, **2010**.

- Rhizosphere and soil mycoflora of two agriculturally important plants growing in Ahmednagar Area, **Bioinfolet**, Volume 3, Issue 3, Pages 244–245, **2009**.
- Occurrence of AM fungi in rhizosphere soils of *Sorghum vulgare* (Pers.), **Bioinfolet**, Volume 4, Issue 2, Pages 93–96, **2006**.
- Studies on rhizosphere fungi of Sorghum, **Bioinfolet**, Volume 3, Issue 3, Pages 219–221, **2006**.

#### **B. PUBLICATIONS (OTHER THAN RESEARCH PAPERS) : CHAPTER IN EDITED BOOK**

<b>Sr. No.</b>	<b>Title with page nos.</b>	<b>Type of Book / Chapter in Edited Book</b>	<b>Publisher &amp; ISBN No.</b>
<b>1</b>	Arbuscular Mycorrhizal Fungi: An Environo-friendly Bioinoculant for Sustainable Agriculture D.D. Namdas*	Chapter in Edited Book- <b>Major Constrains and Verdict of Crop Productivity (Volume II)</b> Editor Dr. U.N. Bhale	Daya Publishing House® A Division of Astral International Pvt. Ltd. New Delhi-110 002

#### **C. Papers Published in Conference Proceeding:**

- Rooftop rain water harvesting potential: A case study of Dahiwadi College building and campus in Man Tahasil of Satara District, **Proceeding: International Conference on Sustainable Water Resource Development and Management**, Pages 86–89, **2012**.
- Diversity of AM fungi associated with Cotton Cv.BT RASI-II and Varlaxmi from Dahiwadi (M.S), **Proceeding of National Conference on Plant Biotechnology**, Pages 31–34, **2013**.
- Occurrence of AM fungi in soils of tomato cv. Arvind Mahyco MHTM-207 growing at areas of Ahmednagar, **Proceeding of National Conference on Plant Biotechnology**, Pages 42–44, **2013**.
- Rooftop rain water harvesting potential: A case study of Dahiwadi College building and campus in Man Tahasil of Satara District, **Proceeding: International Conference on Sustainable Water Resource Development and Management**, Pages 86–89, **2012**.
- A studies on AM fungi in *Withania somnifera* (L.) Dunal, **Proceeding of National Conference on Plant Biotechnology**, Pages 66–68, **2013**.
- Diversity of AM fungi associated with Cotton Cv.BT RASI-II and Varlaxmi from Dahiwadi (M.S), **Proceeding of National Conference on Plant Biotechnology**, Pages 31–34, **2013**.
- Occurrence of AM fungi in soils of tomato cv. Arvind Mahyco MHTM-207 growing at areas of Ahmednagar, **Proceeding of National Conference on Plant Biotechnology**, Pages 42–44, **2013**.
- Survey of medicinal plants from Dongargan temple campus of Ahmednagar district (M.S.), **Proceedings National Conference in Plant Sciences**, Volume II, Pages 468–470, **2005**.

## D. Papers Published in Conference Proceeding: Papers Presented

Sr. No.	Title of Lecture /Academic Session	Title of Conference /Seminar etc	Organized by	LEVEL
1	Influence of plant age on rhizosphere fungi of Jowar	Recent trends in environmental sciences	B.P.Arts, S.M.A.Science and K.K.C. Commerce College, Chalisgaon, Dist. Jalgaon. 5-6 Feb, 2006	National level
2	Distribution of AM fungi in rhizosphere soils of <i>Sorghum vulgare</i> (Pers.)	Modern trends in biodiversity conservation and environmental assessment	A.S.College Akole, Dist.Ahmednagar 1-3 March, 2007	National level
3	Growth response of tomato ( <i>Lycopersicum esculentum</i> Mill.)	State level seminar on Recent trends in plant sciences and environment	S.S.G.M.College, Kopargaon,Dist. Ahmednagar 19-20 Dec, 2007	State level
4	Mycorrhizal technology... Say 'no' to soil pollutants. <b>(Paper Presentation)</b>	*Avishkar-2008 Research Project Exhibition	University of Pune & Ahmednagar College, Ahmednagar 18-19 Sept,2008	University level
5	Studies on ArbuscularMycorrhizae	*Regional Conferences for Pune University College Teachers	VPASC & VSBT, Baramati, Dist. Pune 12-13 Nov, 2008	University level
6	Studies on AM fungal diversity associated with <i>Sorghum vulgare</i> (Pers.)	Recent Trends in Biotechnology, Biodiversity & Environmental Aspects	New A.C.S. College, Parner Dist. Ahmednagar 19-20 Dec, 2008	State level
7	VAM biofertilizer	Avishkar-2009 Research Project Exhibition	University of Pune & Ahmednagar College,Ahmednagar 18 Dec, 2009	University level
8	Eco-friendly cultivation of onion with VA-mycorrhizal fungi	*Regional Conferences for Pune University College Teachers	VPASC & VSBT, Baramati, Dist. Pune 19-20 Dec. 2009	University level
9	VA-mycorrhizalfungi:An eco-friendly option to phosphatic fertilizers	conference on Green Chemistry.	Dahiwadi College, Dahiwadi 28-29 Dec.2009	State level
10	VAM fungi: A solution to problem of soil sickness	Recent Trends in Synthetic Organic Chemistry.	Radhabai Kale Mahila Mahavidyalya, Ahmednagar 28-29 Jan.2010	State level
11	Enumeration of AM fungi of garden soil from Ahmednagar	Climate change and biodiversity	A.C.S college, Parner (Ahmednagar) 11-12 Jan.2010	National level
12	Biodiversity of AM fungi from garden soil of Ahmednagar	Recent Trends in Plant biodiversity	Yashwantrao Chavan Institute of Science, Satara 23-24 April,2010	National level
13	Studies on diversity of AM fungi of garden soil: An eco-friendly nutrient supplement.	Integrated pest management & bioremediation.	L.B.S. College, Satara 13-17 Aug, 2012	National level
14	Effect of AM inoculation for growth response and nutrient uptake in Tomato crop	Recent advances in life sciences with special reference to biotechnology	K.W.C.College, Sangli 3-4 Jan.2013	National level

15	Impact of AMF inoculant on growth of Maize seedlings	Recent Trends in Biology:Nanoscience	Dahiwadi College Dahiwadi 13-14 Dec, 2013	National level
16	Enumeration of AM fungi from wheat fields	National conference on Life Science: An Outlook & Challenges	Dahiwadi College Dahiwadi 12-13 Sept, 2014	National level
17	A report on AM fungi: An eco-friendly bioinoculant from wheat field	National Symposium on Plant Pathology:Disease Diagnosis and Management for sustainable agriculture	Maharashtra Mahavidyalaya, Nilanga 24-25 Jan, 2015	National level

## 6. Conferences/Seminars/Workshops: Worked as

- **Coordinator**- State level conference on ‘Current status of plant sciences’ RKMM, Ahmednagar on 19-20.03.2010
- **Coordinator**- National level conference on ‘Multidisciplinary Approaches in life science’ YCIS, Satara, 5-6.01.2018
- **Organising Secretary** -National level Conference on ‘Life Science: An outlook & challenges Dahiwadi College Dahiwadi 12-13.09.2014

## 7. Administrative/Academic Responsibilities: *Worked as*.....

### ❖ Institutional Quality and Accreditation:

- Under **RUSA**, actively participated in the preparation of the Detailed Project Report (DPR).
- For **NAAC**, served as the Chairman for a specific NAAC Criterion and acted as the Secretary for all NAAC documentation.
- Worked as a Resource Person and Mentor for the **PAC** (Program Assessment Committee).
- In relation to **NIRF**, held the roles of Coordinator and Expert for the Rayat Quality Project, while also coordinating general NIRF preparation.
- Positioned as an ISO Coordinator, managed all necessary documentation for certification.
- Current member of the **IQAC** and serve as the Coordinator for Departmental IQAC activities.

### Grant Management and Financial Governance

- Under **UGC** guidelines, served as the Chairman for the Planning and Utilization of Grants committee.
- Successfully prepared and received No Objection Certificates (NOC) for the **IX, X, XI, and XII Plans**.
- Within the **Autonomous** college framework, served as the Chairman of the Finance and Account Committee, where they prepared budgets and submitted utilization certificates.

### Academic Leadership and Curriculum Development:

- Member of the **Academic Council**, Governing Body, Research and Recognition and Board of Deans **committees** of KBP University Satara
- Served as the **PG Coordinator for Botany** and are involved in framing the **NEP** (National Education Policy) syllabus.
- At **KBP University, Satara**, hold high-ranking positions including **Dean of Science & Technology**, and **Chairman of the Faculty of Science & Technology**.
- Served as the **Chairman of the Board of Studies (BOS) in Botany** and are a member of the Research & Recognition Committee (RR).
- Worked as a **Chairman of Research Advisory Committee (RAC)** of KBP University Satara
- Served as Chairman **Lapses committee** of KBP University Satara

- Positioned as a **Member of the Academic Council**, the **Finance Committee**, and the **Examination Committee** at **KBP University, Satara**.
- Within **Shivaji University, Kolhapur**, they hold significant responsibilities as a **CAP Director**, a **Paper Setter**, and an **External Ph.D. Examiner**.
- Worked as a **Chief Coordinator of Professional Courses**, overseeing the management and implementation of specialized academic programs.
- Furthermore, served as the **Chairman of the LIC (Local Inquiry Committee) and Affiliation Committee** for Shivaji University, Kolhapur, ensuring institutional standards and compliance.

**Research and Extension Activities:**

- Served as the Coordinator for the **Rayat Science Project**, overseeing initiatives such as MBL, PBL, and various science poster presentations.
- For the **Avishkar/Inspire** programs, acted as the Coordinator for Rayat Colleges and Shivaji University, Kolhapur.
- They successfully organized the **District Level University Avishkar** competition.

**8. Awards / Honors / Fellowships:**

Honored with the **FISURYA (Fellow of Scientists Unique Researchers' Association)** Honorary Fellowship. This prestigious award was sponsored by the **Flora & Fauna International Biological Research Journal** and was conferred on **September 8, 2014**.

**9. MEMBER OF PROFESSIONAL BODIES:**

- **Life member of Indian Science Congress Association**

**10. Extension / Outreach Activities: Invited lectures/Resource Person**

- Served as a **Resource Person** for a seminar on innovative teaching methods in Botany at S.S.G.M. College, Kopargaon, on February 2, 2010.
- Delivered **invited talks** on "Biomolecular Aspects" to PG Chemistry students and on "Bioinformatics" to Junior College students at R.K.M.M. Ahmednagar in 2010.
- Presented an invited talk on "Plant Biotechnology" at S.S.G.M. College, Kopargaon In February 2011.
- Worked as Resource Person for various workshops, including sessions on **Molecular Biology** at Mudhoji College (2014) and "Jal Jagruti" at YCIS Satara (2016).
- Significant contributions were made toward the **AVISHKAR research activity**.
- Guided students on research models, posters, and project preparation at various colleges between 2015 and 2026.
- Professional development roles included serving as a Resource Person for **NIRF workshops** at Dahiwadi College and S.G.M. College, as well as leading an FDP on PG Botany syllabus preparation in 2021.

**11. Any Other Relevant Information**

- **Editor/Member:** Member, Board of Editors Flora and Fauna, (An International Research of Biological Sciences. NAAS rating:2.02) Vol.20 No.2 (special Issue) **ISBN No. 0971-6920,2014**

## **12. LECTURES / WORKED AS RESOURCE PERSON:**

Story of Modern Science....	Plant Biotechnology
Genetic Engineering	Preparation of Research Model and Poster
Biomolecular Aspects	Scope of Botany
JAL JAGRUTI	Research Methodology and Data analysis
Research Guidance	Preparation for AVISHKAR
Bioinformatics	Preparation of Research Article
Aspects Molecular Biology and Biotechnology	Preparations of NIRF
Introduction to Avishkar Activity	Wetland and Biodiversity

## **13. Declaration**

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

**(Prof.Dr.D.D.NAMDAS)**