

Dr. Vikas Moreshwar Mohture

M.Sc. (Botany), B.Ed, Ph.D.

-Assistant Professor

-Department of Botany

-Rashtrapita Mahatma Gandhi Arts and

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CURRICULUM VITAE

Personal Details:

NAME	: Dr. Vikas Moreshwar Mohture
DATE OF BIRTH	: 28/12/1978
CURRENT DESIGNATION	: Assistant Professor
DEPARTMENT	: Botany
AREA OF RESEARCH	: Mycology and Plant Pathology, Aerobiology, Palynology.
ADDRESS FOR CORRESPONDENCE:	Rashtrapita Mahatma Gandhi Art's & Science College, Nagbhid, Dist. Chandrapur, Maharashtra-441205
PERMANENT ADDRESS	: Samrat Ashok Nagar, Tehsil Road Nagbhid Dist.- Chandrapur (MS) 441205

Academic Qualifications

Examinations		Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class/Grade	Subject
B.Sc.		Nagpur University	M – 1999	55.77 %	2 nd Class	Chemistry, Botany, Zoology
M.Sc.		Nagpur University	M- 2001	68.00%	1 st Class	Botany
Others exam, if any	B.Ed	Nagpur University	M- 2003	76.50%	1 st Class	Method: Chemistry, Biology
	MS-CIT	MSBTE, Mumbai	M- 2004	75.00%	A Grade	

Research Degree(s)

Degree	Title	Date of Award	University
Ph.D.	Aerospora of Nagpur in relation to fungal allergy	6/2/2012	Nagpur University

TEACHING EXPERIENCE:

PoST	DURATION	NAME OF COLLEGE
CONTRIBUTORY LECTURER	21/8/2006 TO 18/12/2006 and 4/8/2008 To 25/2/2009	Institute Of Science, Nagpur.
Contributory Lecturer (Botany & Forensic science)	6/7/2011 To 15/3/2012	Institute Of Science & Institute Of Forensic Science, Nagpur.
ASSISTANT PROFESSOR	17/12/2012 Till Date	Rashtrapita Mahatma Gandhi Art's & Science College, Nagbhid, Dist. Chandrapur, Maharashtra-441205

AWARD AND RECOGNITION:

- Recipient of **Young Scientist Award (P H Gregory Gold Medal)** At 16th National Conference on Aerobiology Held at Davangere Karnataka (2010).
- **Recognized Ph.D guide of Gondwana University, Gadchiroli** under the faculty of Science and Technology in the Subject Botany (Recognition No.- GUG/Ph.D.Sup.Rec./724/2020)

RESEARCH PUBLICATION:

S.N	Title of Research paper	Journal	ISSN/ISBN Number
1	Incidence of ascospores in the extramural environment of Nagpur city. Vol. 14 (1) 2010: 94-98.	<i>The Botanique</i>	ISSN 0257-800X
2	Concentrations of airborne <i>Alternaria</i> and <i>Cladosporium</i> spores in relation with meteorological conditions at Nagpur city (M.S.), India ”. Vol. 24(1) 2011: 12-18.	<i>Indian Journal of Aerobiology</i>	ISSN: 0971-1546.
3	Survey of Aeromycoflora at Wanjra (A Semiurban Area) Nagpur (MS). pp. 161-165, August 2012.	<i>Innovative Research Trends in Biological Sciences</i>	ISBN- 978-81-923621-0-6
4	Occurrence of <i>Curvularia</i> spores in the atmosphere of semi urban and urban area at Nagpur (M.S.) India. Vol.6 (2) pp. 302-305, July-December 2013.	<i>Bionano Frontier</i>	ISSN- 0974-0678
5	Seasonal Variations In The Aeromycoflora From Semi urban And Urban Sites At Nagpur (M.S.), India. Vol. 6, Issue, 11, pp.10081-10085.	<i>International Journal Of Current Research</i>	ISSN: 0975-833X
6	Seasonal Variations In Airborne Fungal Spores Of Nagbhid (M.S.) India. Vol. 8, Issue, 02, pp. 26584-26586, February, 2016	<i>International Journal Of Current Research</i>	ISSN: 0975-833X.
7	A Preliminary Survey On Idigenous Wild Vegetables Used By The Tribals in Nagbhid, Chandrapur (M.S) India. Special Issue PP 80-67 March, 2016	<i>Gurukul International Multidisciplinary Research Journal</i>	ISSN: 2394-8426.
8	A Preliminary Survey of Pollens in the Atmosphere of Khaparkheda Dist. Nagpur (M.S.) India. Vol. 07, Issue, 02, pp.11744-11746, February, 2017.	<i>International Journal of Development Research</i>	ISSN: 2230-9926.
9	Aeromycological Investigation in the Atmosphere Of Nagpur, Maharashtra (India). Vol. 3(3): 166-169. 2017	<i>International Journal of Applied Research</i>	ISSN: 2394-7500.

10	Airborne fungal diversity of Nagbhid (M.S.) India. special Issue Vol. 3(3): 116-118. 2017	<i>International Journal of Applied Research</i>	ISSN: 2394-7500.
11	“Monitoring of Aeromycoflora in Indoor Environment at Nagbhid, Dist. Chandrapur (M.S.) India”. Volume 4 Special Issue Dec 2017: 59-63.	<i>Life Sciences International research Journal</i>	ISSN : 2347 – 8691
12	“Traditional medicinal plants used against various diseases in Nagbhid tahsil, Chandrapur (MS) India”. Special Issue A 12: March 2018:135-142.	<i>International Journal of life Sciences</i>	ISSN: 2320-964X (Online) ISSN: 2320-7817 (Print)
13	“Angiospermic dicotyledonous seed from the Deccan intertrappean beds of Singhpur, Madhya Pradesh, India”. Special Issue A 12: March 2018:173-176.	<i>International Journal of life Sciences</i>	ISSN: 2320-964X (Online) ISSN: 2320-7817 (Print)
14	“The Petrified Angiospermic Fossil Fruit From A New Locality Ghatparasia, M.P. India.” Pp 50-56	<i>Research Directions International Peer-Reviewed Multidisciplinary Research Journal (Special Issue) 2019.Ugc Journal No. 45489 UGC SR. No. 1208 (Monthly)</i>	ISSN NO. 2321-5488
15	“A Report On Ethnoveterinary Medicinal Plants Of Deori Tehsil, Dist.-Gondia (M.S.) India”. Volume - 8 Issue - 4 January – 2019: 1-6	<i>Review Of Research Impact) UGC Approved Journal No. 48514</i>	ISSN NO. 2249-894x
16	“A New Angiospermic Petrified Fossil Wood From The Deccan Intertrapean Beds Of Jamsavli M.P. India”. I J R B A T, Issue (VIII), Vol. I, Jan 2020: 27-33	<i>International Journal Of Researches In Biosciences, Agriculture And Technology</i>	e-ISSN 2347 – 517X
17	“Biodiversity of Aeromycoflora in indoor environment of Nagbhid (M. S.) India”. Vol. 7, Issue 11, November 2020	<i>International Advanced Research Journal in Science, Engineering and Technology</i>	ISSN (Online) 2393-8021 ISSN (Print) 2394-1588
18	“Traditional Herbal Medicines for the Treatment against Snake Bite”. Vol. 7, Issue - 10, October 2021: 93-99	<i>International Journal For Innovative Research In Multidisciplinary Field</i>	ISSN: 2455-0620

19	“Biotechnological interventions and indole alkaloid production in <i>Rauvolfia serpentina</i> ”. 2022 https://doi.org/10.1007/s00253-022-12040-8	<i>Applied Microbiology and Biotechnology</i> (Springer Nature)	P-ISSN:1757598.
20	“Piper longum L.: A comprehensive review on traditional uses, phytochemistry, pharmacology, and health-promoting activities”. DOI: 10.1002/ptr.7649. 2022;1–52.	<i>Phototherapy Research</i> (Wiley)	P-ISSN: 0951418X.
21	“Green synthesis of highly dispersed Cu metal nanoparticles catalysts”. 146 (2022) 110118	<i>Inorganic Chemistry Communications</i> (Elsevier)	ISSN 1387-7003.

PUBLISHED BOOK:

Title of Book	Journal & Its Issue in Which Published/Publications/Conference Details	ISBN/ISSN No.
Book: Botany Semester VI (CBCS)	Himalaya Publishing House	ISBN: 978-93-89951-96-7
Book: A Text Book of Botany (SEM-III)	Sai Jyoti Publication	ISBN: 978-93-91201-81-4
Book: Botany	Sai Jyoti Publication	ISBN: 978-93-95008-73-0

PAPERS PRESENTED IN SEMINAR/ CONFERENCE (POSTER/ORAL):

S. N.	Title of the paper presented	Title of Conference / Seminar	Organized by
1	Diversity of some medicinal plants in cure of various diseases by tribals in Bichwa Pather of Madhya Pradesh	Recent Advances in Plant taxonomy Research	PGTD Botany RTM Nagpur University Nagpur on 27 th -29 th December 2013.
2	An aeromycological study in the atmosphere of Nagpur (M.S.)	Biodiversity Conservation & Role of Microbes in Sustainable Environment Management	Jawaharlal Nehru Mahavidyalaya, Wadi on Saturday 18 th October 2014
3	Traditional medicinal plants used by Mana Tribes in Nagbhid Tahsil of Chandrapur District (M.S.)	Impact of Human action on Environment (NCIHAE-2015)	Science College, Pauni, Bhandara. 28 th February 2015.
4	Medicinal Plants Used By Local People Of Nagbhid Tahsil, Chandrapur District (M. S.) India	Recent Trends In Life Sciences & Materials Science (RTLMS – 2016)	R. M. G. Arts & Science College, Nagbhid, Dist-Chandrapur on 14 th & 15 th March, 2016.
5	A Preliminary Survey On Idigenous	Recent Trends In Life	R. M. G. Arts &

	Wild Vegetables Used By The Tribals in Nagbhid, Chandrapur (M.S) India.	Sciences & Materials Science (RTLSMS – 2016)	Science College, Nagbhid, Dist-Chandrapur on 14 th & 15 th March, 2016.
6	Aeromycological investigation in the atmosphere of Nagpur, Maharashtra (India)	19th National Conference on Aerobiology: Theme: Airborne Bioerosols: Impact on Human Health and Agriculture	Bose Institute Kolkata on 9 th December 2016 to 11 th December 2016.
7	Pollen diversity in Nagbhid Region (M.S.) India	Silver jubilee national Conference on “Plant Diversity: Past and Present”	Dept. of Botany Sant Gadge Baba Amravati University, Amravati. On 30 th to 31 th December 2016
8	Intramural Investigation Of Aeromycoflora At Nagbhid (M. S.) India	International Conference on New Frontiers of Environmental and Allied Sciences (ICNFEAS-2019)	Prof. Ramkrishna More Arts, Commerce and Science College Akurdi, Pune-44 on 15 th and 16 th February 2019
9	Fungal Spore Diversity Over Rice Fields Of Nagbhid Tehsil District-Chandrapur (M.S.)	Climate Change and Human Health: Issues, Concerns and Opportunities	Govt. Degree College, Bijbehara-Anantnag on 8-9 October 2018
10	Study Of Fungal Diversity In The Atmosphere Of Nagpur (M.S.), India	Diversity of Environmental Allergens and its threat to Human Health	Taywade College, Mahadula- Koradi on 9 th February 2019
11	Study of aeromycoflora and Incidence of allergy at Nagpur (M.S.) India	11 th National Conference on Solid State Chemistry and Allied Areas (NCSCA-2019)	SKP College Kamptee & ISCAS, Jammu 20 & 21 st December 2019

SEMINAR/ CONFERENCES/ WORKSHOP ATTENDED /Participated

1. One day National seminar on “Effect of climate change on biodiversity” organized by Dhote Bandhu Science College Gondia on 27th January 2013.
2. Workshop on Scope and Syllabus of B. Sc. II Sem. III and IV in Botany organized by BOS Gondwana University, Gadchiroli on 28th July 2013.
3. One day National seminar on “Recent Advances in Plant taxonomy Research” organized by PGTD Botany RTM Nagpur University Nagpur on 27th -29th December 2013.
4. One day Vaidu Sammelan organized by M. G. College Armori on 31st January 2014.

5. One day workshop on scope of Syllabus of B.Sc. Sem - V in Botany at Dnyanesh Mahavidyalaya, Nawargaon on 17.07.2014.
6. One day national seminar on "Advances in Plant Sciences" At department of Botany RTM Nagpur University, Nagpur on 29th October 2014.
7. One day workshop on scope of Syllabus of B.Sc. Sem- V in Botany at N. H. College, Bramhapuri on 27 December 2014.
8. One day national seminar on "Recent trends in Bioinformatics and Biostatistics" organized by Dnyanesh Mahavidyalaya, Nawargaon on 28 March 2015.
9. National Conference on "Advances in Biosciences & Environmental Science: Present and Future (ABES-2015)" at B.P. Arts, S.M.A. Science & K.K.C. Comm. College, Chalisgaon, Dist. Jalgaon (M.S.) on Saturday 22nd & 23rd September 2015.
10. One day National seminar on "Importance and usefulness of Darshanika" on 24th August 2015 at Anand Niketan College Warora.
11. One day workshop on "CBCS Syllabus in all Subjects of Science Faculty" organized by Dnyanesh Mahavidyalaya, Nawargaon on 28 March 2015.
12. One day workshop on "CBCS Syllabus in all Subjects of Science Faculty" organized by Dnyanesh Mahavidyalaya, Nawargaon on 16th April March 2017.
13. National Seminar on "Natural Heritage and Biodiversity" organized by Hislop College, Civil Lines, Nagpur on 17th and 18th January, 2018.
14. National Seminar on " Revised Methods of Assessment and Accreditation for Colleges" organized by IQAC, Bhawabhuti Mahavidyalaya, Amgaon, Dist.- Gondia (M.S.) India on 24th February 2018.
15. One day workshop on "Botany CBCS Syllabus Discussion for UG Semester III and IV" organized by Anand Niketan College of Science, Arts and Commerce Anandwan Warora on 4th April 2018.
16. One day National Seminar on "Recent Trends in Biosciences: Panacea for Sustainable Development" (RTBPSD-2018) organized by Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur on 29th September, 2018.
17. One day workshop on "The scope of New syllabus of Botany for UG Course (B.Sc III, Sem V and VI) Under CBCS" organized by Dr. Ambedkar College of Arts, Commerce and Science Chandrapur on 1st May 2019.
18. Regional Workshop on Ethnobotany organized by Department of Botany Mahatma Fule Arts, Commerce and Sitaramji Chaudhry Science Mahavidyalaya, Warud, Dist. Amravati (M.S.) on dated 13 and 14th December 2019
19. National Seminar on "Conservation and Sustainable Utilization of Wetland Flora" organized by Department of Botany Bhawabhuti Mahavidyalaya, Amgaon, Dist.- Gondia (M.S.) India on 24th December 2019.
20. National conference on "Recent trends in Mathematical, Physical, Chemical, Library and Life Sciences" organized by Nilkanthrao Shinde Science and Arts College Bhadravati Dist.- Chandrapur(M.S.) India on 7th February 2020.
21. Research Methodology Workshop (Date 18th to 20th April 2020) organized by REST Society for Research International (RSRI).

22. MCDM workshop (23 to 25 April) organized by REST Society for Research International (RSRI).
23. Online one day International Conference on Climate Change, Mangroves and Sustainable Management (CCMSM2020) organized by Shri. Pancham Khemraj Mahavidyalaya Sawantwadi. Date 24.04.2020.
24. Online National conference on Sustainable Development & Environment in the Current Era organized Dhanwate National College, Congress Nagar, Nagpur. Date: 27.04.2020
25. Online National Seminar on MOOCs -KIRTI M. DOONGURSEE COLLEGE, Dadar, Mumbai. Date: 27.04.2020.
26. A Motivational National Webinar on "Towards Excellence in Higher Education in India in 21st Century: Challenges and Opportunity" Speaker: Prof. A. K. Bakshi Vice Chancellor PDM University Haryana Organized by GAD-TLC, SGTB Khalsa College, University of Delhi, Under PMMMNMTT of MHRD ON 29TH April 2020.
27. Online workshop on Spectroscopy Techniques, organized by Immaculate college for women, Veriyur on 30th April 2020
28. National Webinar on "Challenges & Opportunities before Indian Higher education due to Covid-19" Organized by GAD-TLC, SGTB Khalsa College, University of Delhi, Under PMMMNMTT of MHRD 02 May 2020.
29. One day National Conference on Intellectual Property Right: Nature, Meaning, Scope and Importance Organized by Shri. P.K. Mahavidyalaya Sawantwadi on 6th May 2020.
30. Webinar on Research Workflows, Research Metrics & Excellence in Academic Institutes" AICTE-Elsevier on 12th May 2020.

ONLINE COURSES:

1. Online Course on Covid-19: Tackling The Novel Coronavirus (from 16th March to 6th April, 2020) from LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE AND UK PUBLIC HEALTH (3 Week, 4 Hours per Week)(Future Learn)
2. Certificate Course on Simulation Exercise Management: Introduction organized by WHO (6th April, 2020)
3. Online course on Bacterial Genome: Disease Outbreaks and antimicrobial Resistance (9th April 2020) organized by Wellcome Genome Campus Advanced Courses and Scientific Conferences. (Future Learn)
4. Certificate course on Managing Mental Health and Stress organized by Coventry University (2 week certificate course, 3 Hrs per week) Date: 15.04.2020-28.04.2020. (Future Learn)
5. Short term Course on Ethnobotany (Duration: 6th May 11 th May) organized by Shri. Vyankatesh Arts, Commerce & Science College Deulgaon Raja. Dist-Buldhana.

6. Certificate Course on Herbalism: Identify Wild Medicinal Plants 13th May 2020 (UDEMY).

OTHER ACTIVITIES

1. **NSS Programme officer** for Three years (Session 2013-2014 to session 2015-2016). One of the NSS student selected as Best NSS Volunteer By Gondwana University and Maharashtra state under the Guidance.
2. **Member in NSS committee of Gondwana University for selection of NSS volunteers for Pre-NRD/SRD/AVHAN camp** organized on 22nd August 2015 at Shri. Shivaji College, Rajura Dist. Chandrapur.
3. Treasurer in Two Days National Seminar on “**Recent Trends In Life Sciences & Materials Science (RTLSMS – 2016)**” Organized by R. M. G. College Nagbhid on 14th & 15th March, 2016.
4. Organizing Secretary in One day Gondwana University workshop on “**The scope of New Syllabus of Botany for UG and PG Courses under Choice Based Credit system (CBCS)**” Organized by Department of Botany R. M. G. College Nagbhid on 20th May 2016.
5. Treasurer in one Day National Seminar on “**Recent Methodology of Institutional Assessment and Accreditation by NAAC**” Organized by R. M. G. College Nagbhid on 29th August 2016.
6. Organizing Secretary in Two Days National Seminar on “**Modern Perspectives in Life Sciences**” (MPLS – 2018) Organized by R. M. G. College Nagbhid on, 9th & 10th March, 2018.
7. Organizing Secretary in “**One Day Vaidu Sammelan and Exhibition of Wild Medicinal Plants, Vegetables and their Recipe**” Organized by Department of Botany R. M. G. College Nagbhid on, 27th September 2018 at Rukhmini Hall Nagbhid.
8. Organizing Secretary in One day Gondwana University workshop on “**The scope of New CBCS Syllabus of B.Sc. Sem-V and Sem-VI in Botany**” Organized by Department of Botany R. M. G. College Nagbhid on 23rd March 2019.
9. Organizing Secretary in “**Exhibition of Wild Medicinal Plants, Vegetables and their Recipe**” Organized by R. M. G. College Nagbhid on, 27th July 2019.
10. Organizing Secretary in one day seminar on “**Traditional Medicinal Plants, Formulation of Healthcare Products and IPR**” Organized by R. M. G. College Nagbhid on, 27th September 2019.
11. Organizing Secretary in “**E- Scientific Botanical Rangoli Competition**” Organized by Department of Botany R. M. G. College Nagbhid on, 20th May 2020.
12. Organizing Secretary in one day National Webinar on “**The Outlook of Plant Science**” Organized by Department of Botany R. M. G. College Nagbhid on, 11th November 2020.

13. Organizing Secretary in one day workshop on “The Scope of New CBCS Syllabus of B. Sc. II, Semester III, IV and LOCF in Botany” Organized by Department of Botany R. M. G. College Nagbhid on, Tuesday 28th September 2021.

INVITED TALK

1. Delivered guest lecture on Aeroallergens: Pollen Fungal spores and Allergy in Department of Botany Mahatma Gandhi Arts, Science and Comm., College Armori Dist. Gadchiroli on Dt. 27/12/2015.
2. Delivered guest lecture during NSS foundation Day at Arts and Commerce College Bhis, Dist. Chandrapur on 24/09/2016.

ORIENTATION PROGRAMME/ REFRESHER COURSE/ FDP/ WORKSHOP

S.N.	Name of the Course	Organized by	Duration	Sponsoring Agency
1.	34 th Orientation Programme	HRDC- Sant Gadge Baba Amravati University, Amravati.	18/11/2015 to 15/12/2015	UGC
2.	Refresher Course	HRDC, RTM Nagpur University, Nagpur	09/11/2016 to 29/11/2016	UGC
3.	Introduction to Computers	Sardar Patel Mahavidyalaya, Chandrapur	23 rd April to 25 April 2020.	IIT Spoken Tutorial, Bombay
4.	One week online FDP on ICT Tools for Effective Teaching Learning	SRTM University Nanded	27 th April to 2 nd May 2020	SRTM University Nanded
5.	Faculty Development Programme on Managing Online Classes and Co-Creating MOOCs	Teaching Learning Centre Ramanujan College, University of Delhi	20 th April to 6 th May	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD
6.	Faculty Development Programme (Ten Days) On “Effective Ways To Develop E-content For Teaching-Learning”	M.V.P. Samaj’s, K.R.T. Arts, B.H. Commerce and A.M. Science (K.T.H.M.) College, Nashik	21st May 2020 to 30th May 2020	Human Resource Development Centre (UGC-HRDC), Savitribai Phule Pune University, Pune
7.	One Week Faculty Development Program on <i>Multimedia Enriched E-Content Development</i>	Guru Angad Dev Teaching Learning Centre A centre of MHRD	21 st May to 26 th May 2020	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD
8.	One Week online Workshop on “E-Content Development and Online Pedagogy”	HRDC, RTM Nagpur University, Nagpur	8 th June to 13 th June 2020	UGC
9.	One Week Faculty Development Program on “Development of Carrers in	St. John’s College Agra in Collaboration with Guru Angad Dev Teaching	23 rd June 2020 to 27 th June 2020	Pandit Madan Mohan Malaviya National Mission on

	Higher Education in India in the 21 st Century”	Learning Centre A centre of MHRD		Teachers and Teaching (PMMMNMTT) of MHRD
10.	Refresher Course in Life Science	HRDC, RTM Nagpur University, Nagpur	24 th August to 5 th September 2020	UGC
11.	Refresher Course in Environmental Science	HRDC, RTM Nagpur University, Nagpur	26 th July 2021 TO 07 th August 2021	UGC
