

PROFILE

Dr Naveen Kumar Verma

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| Name | Dr. Naveen Kumar Verma |
| Designation | Assistant Professor |
| Date of Birth | 15/08/1980 |
| Date of First Appointment | 13/12/2019 |
| Date of Posting in Present College | 11/02/2025 |
| Qualification | M.Sc., Ph.D., M.Ed. (Science) SET, GATE, NET |
| Date of Ph.D. | 10/07/2011 |
| Date of Orientation Courses | 01/07/2020 |
| Date of Refresher Courses | 25/09/2021 |

E-CONTENT DEVELOPMENT

Member of the E-content Validation Board : E-content Validation Board, Department of Higher Education, Bhopal (M.P.) **Letter No. 860/49/आउशि/शा-5'अ'/2022: dated 16/06/2022**

E-content Development Module – 1

Category : Development of e-content in 4 quadrants for a complete course
Organization : Madhya Pradesh Higher Education Department, Bhopal (M.P.)
Class : B.Sc. 1st Year
Subject : Botany
Paper : Herbal Cosmetics
Module : Methods of extraction of essential oils
Weblink : <https://www.eshiksha.mp.gov.in/mpdhe/mod/page/view.php?id=7697>

Module – 2

Category : Development of e-content in 4 quadrants for a complete course
Organization : Madhya Pradesh Higher Education Department, Bhopal (M.P.)
Class : B.Sc. 2nd Year
Subject : Botany
Paper : Plant Anatomy and Embryology
Module : Double Fertilization
Weblink : <https://www.eshiksha.mp.gov.in/mpdhe/course/view.php?id=335#section-4>

RESEARCH PAPERS

1. Shrivastava, S., **Verma, N.K.**, Yadav, V.R. and Rai, A.N. (2008) A new species of *Pseudocercospora* Speg. from Sagar, (M.P.) *Journal of Botanical Society*. (43): 35-38.
DOI: <http://dx.doi.org/10.13140/RG.2.2.17548.32646> ISSN: 2229-7170
2. Chauksey, P., Rai, A.N., Tripathi, S.N. and Verma N.K. (2008). Some additions to the fungus genus *Cercospora* Fries from Central India. *Journal of Botanical Society*, (43): 68-73.
DOI: <http://dx.doi.org/10.13140/RG.2.2.31808.96001> ISSN: 2229-7170
3. Shrivastava, S., Yadav, V.R, Verma, N.K. and Rai, A.N. (2008). A new addition to the foliicolous fungi from India. *Journal of Botanical Society*, (43): 115-118.
DOI: <http://dx.doi.org/10.13140/RG.2.2.13354.02242> ISSN: 2229-7170
4. Shrivastava, S., Verma, N.K. and Rai, A.N. (2009). Some new Hyphomycetes from India. *Journal of Mycology and Plant Pathology*, 39 (2) : 305-308.
<https://connectjournals.com/pages/articledetails/toc002748>
ISSN: 0971-9393, E-ISSN: 0975-4180
5. Shrivastava, S., Verma, N.K. and Rai, A.N. (2010). Two New Additions to Hyphomycetes from Central India. *Journal of Mycology and Plant Pathology*, 40 (2) : 265-268.
<https://connectjournals.com/pages/articledetails/toc005980>
ISSN: 0971-9393, E-ISSN: 0975-4180
6. Chauksay, P., Rai, A.N., Shrivastava, S. and Verma, N.K. (2010). Some additions to the foliicolous fungi from Central India. *The Journal of Biodiversity-Biozone*, 2(1&2): 211-217.
DOI: <http://dx.doi.org/10.13140/RG.2.2.23420.35205> ISSN: 0974-8873
7. Shrivastava, S., Verma, N.K., Yadav, V.R. and Rai, A.N. (2010). Two novel taxa of Coelomycetes from Central India. *Journal of Mycology and Plant Pathology*, 40 (3) : 383-386.
<https://connectjournals.com/pages/articledetails/toc008095>
ISSN: 0971-9393, E-ISSN: 0975-4180
8. Tripathi, S.N., Rai, A.N. and Verma N.K. (2011). Three new species of *Alternaria* Nees ex Fries from Sagar (M.P.). *The Journal of Biodiversity-Biozone*, 3(1&2) : 510-517.
DOI: <http://dx.doi.org/10.13140/RG.2.2.23420.35205> ISSN: 0974-8873
9. Dubey, R.K., Rai, A.N., Shrivastava, S., and Verma, N.K. (2011). Two new records of hyphomycetes from India. *Indian Phytopathology*, 64(4) : 390-391.
<https://epubs.icar.org.in/index.php/IPPJ/article/view/13998>
ISSN: 0367-973X, E-ISSN: 2248-9800

10. Dubey, R.K., Rai, A.N., Verma, N.K. and Thakur, R.S. (2011). Three Novel Additions to Fungal Genus *Cercospora* Fres. from Central India. *Journal of Mycology and Plant Pathology*, 41(4):512-517.
<https://connectjournals.com/pages/articledetails/toc014131>
ISSN: 0971-9393, E-ISSN: 0975-4180
11. Tripathi, S.N., Rai, A.N. and Verma N.K. (2012). Some additions to the hyphomycetes from central India. *Journal of Mycology and Plant Pathology*, 42 (2) : 201-206.
<https://connectjournals.com/pages/articledetails/toc014901>
ISSN: 0971-9393, E-ISSN: 0975-4180
12. Verma N.K. and Rai A.N. (2014). A novel foliicolous fungal taxon from forest flora of central India. *The Journal of Biodiversity-Biozone*, 113 : 248-252.
DOI: <http://dx.doi.org/10.13140/RG.2.2.35166.86083> ISSN: 0974-8873
13. Verma N.K. and Rai, A.N. (2014). *Distocercospora indica*, a new dematiaceous hyphomycete from central India, *Mycotaxon*, 127 : 97-101.
<https://doi.org/10.5248/127.97>
ISSN: 0093-4666, E-ISSN: 2154-8889
14. Chauksey, P., Rai, A.N., Verma N.K. and Tripathi, S.N. (2014). Some Additions to the Coelomycetes from Central India, *Journal of the Botanical Society*, University of Saugor, 44 : 52-58.
<http://dx.doi.org/10.13140/RG.2.2.23420.35205> ISSN: 0974-8873
15. Shrivastava, S., Rai, A.N., and Verma N.K. (2014). Two new species of the genus *Leptoxyphium* Speg. from the forest flora of Madhya Pradesh, India, *Journal of the Botanical Society*, University of Saugor, 44: 59-65.
DOI: <http://dx.doi.org/10.13140/RG.2.2.10839.89765> ISSN: 0974-8873
16. Verma N.K. Surywanshi J.S. and Rai, A.N. (2014). *Corynespora ipomoeae*, A Novel Taxon of Dematiaceous Hyphomycetes, *Journal of Mycology and Plant Pathology*, 44 (4): 466-469.
<https://connectjournals.com/pages/articledetails/toc021633>
ISSN: 0971-9393, E-ISSN: 0975-4180
17. Verma N.K. and Rai, A.N., (2016). *Torula strelitziae* a novel taxon of dematiaceous hyphomycete from central India, *Journal of the Botanical Society*, University of Saugor, 46: 58-63.
<http://dx.doi.org/10.13140/RG.2.2.30972.55681> ISSN: 0974-8873
18. Verma N.K. and Rai, A.N., (2016). *Tetraploa ipomoeae*: a novel dematiaceous hyphomycete, *International Journal of Innovative Research in Science and Engineering*, 2 : 147-152.
<https://www.ijirse.com/wp-content/upload/2016/02/232ijirse.pdf>
ISSN: 2455-0663, E-ISSN: 2454-9665

19. Yadav, V.R. Verma N.K. and Rai, A.N., (2016). A novel addition to the fungal genus *Trimmatostroma* Corda, *International Journal of Advanced Technology in and Science Engineering*, 4: 152-155.

https://www.ijates.com/images/short_pdf/1470844159_231ijates.pdf

ISSN: 2348-7550

20. Gupta, V. Verma N.K. and Dubey, J. (2016). Seasonal biodiversity of cyanobacteria in besmirched habitats, *Biodiversity Journal*, 7(2): 273-286.

[https://www.biodiversityjournal.com/images/publicazioni/biodiversity-journal-](https://www.biodiversityjournal.com/images/publicazioni/biodiversity-journal-2016/biodiversity-journal-2016-07-02/biodiversity-journal-2016-07-02_273-286.pdf)

[2016/biodiversity-journal-2016-07-02/biodiversity-journal-2016-07-02_273-286.pdf](https://www.biodiversityjournal.com/images/publicazioni/biodiversity-journal-2016/biodiversity-journal-2016-07-02/biodiversity-journal-2016-07-02_273-286.pdf)

<http://dx.doi.org/10.13140/RG.2.2.12289.06242>

ISSN: 2039-0394

E-ISSN: 2039-0408

21. Yadav, V.R., Verma N.K. and Rai, A.N. (2016). Two novel additions to fungal genus *Cladosporium* Link ex Fries, *Naveen Sodh Sansar*, 2 : 13-17.

DOI: <http://dx.doi.org/10.13140/RG.2.2.12517.61922>

ISSN 2320-8767, E- ISSN 2394-3793

IN PRESS

1. Verma N.K. and Rai, A.N. (2025). Two novel additions to the fungal genus *Memnoniella* Höhne, *Mycotaxon*, :

COMMUNICATED

1. Hajra, S., Verma, N.K. and Vyas S.P. (2024). Antioxidant and hepatoprotective activity of ethanolic and aqueous extracts of *Swietenia mahagoni* seeds. *International Journal of Pharmacology*.
2. Gupta, V., Verma, N.K. and Vyas, D. (2024). Porphinoid metabolite from the freeze dried extract of cyanobacterium *Tolypothrix nodosa* and diversified effect on *Oryza sativa*, *Algal Research*, Elsevier.

CHAPTER IN A BOOK

1. Chauksey, P., Rai, A.N. and Verma N.K. (2011). Some additions to the foliicolous fungi from the forest flora of Madhya Pradesh, India, In *Microbial Biotechnology and Ecology*, Daya Publishing House, New Delhi, Vol. 1: 268-274. (ISBN: 978-81-7035-694-3, Ed. D. Vyas, GS Paliwal, PK Khare, RK Gupta).
2. Ahirwal, L., Singh, D. and Verma N.K. (2019) "Dioxins" In An Overview of Toxicants, Vishwagayan Prakashan, New Delhi, 45-66. (ISBN: 978-93-83837-97-7).
3. Gupta V. and Verma N.K. (2019) DDT: A Water Insoluble Environmental Toxicant. In An Overview of Toxicants, Vishwagayan Prakashan, New Delhi, 175-197. (ISBN: 978-93-83837-97-7).
4. Chahal, K. Gupta, V., Verma, N.K., Chaurasia A. and Rana, B. (2020). Arbuscular Mycorrhizal (AM) Fungi as a Tool for Sustainable Agricultural System In Mycorrhizal Fungi - Utilization in Agriculture and Forestry, Intech Open, 1-12, DOI: 10.5772/intechopen.94442 Ed. Ramalingam Radhakrishnan ISBN 978-1-83881-941-5

<https://www.intechopen.com/chapters/73929>, DOI: 10.5772/intechopen.94442

5. Gupta, V., Verma, N.K., and Mehrotra, S. (2021). Economic Importance of Cyanobacteria. In Economic Importance of Microbes, Krishna Publication House, 199-212, (ISBN 978-81-949205-1-9) Editor: Kavita Chahal

https://www.researchgate.net/publication/351837676_ECONOMIC_IMPORTANCE_OF_MICROBES

6. Gupta, V., Verma, N.K., & Choudhary, K.K. (2021). Cyanobacterial nanoparticles: Application in agriculture and allied sectors. In *Cyanobacterial Lifestyle and its Applications in Biotechnology* (pp. 23-40). Academic Press (Elsevier). ISBN 978-0-323-90634-0

<https://www.sciencedirect.com/science/article/abs/pii/B9780323906340000111#:~:text=It%20provides%20new%20agrochemicals%20and,on%20synthetic%20fertilizers%20and%20pesticides.>

<https://doi.org/10.1016/B978-0-323-90634-0.00011-1>

RESEARCH EXPERIENCE

- **6 Years:** research experience on "A Mycotaxonomic survey and study of the forest flora of Chhindwara (M.P.)" under the supervision of Professor and Head Dr. A.N.Rai (Lab of Mycology and Plant Pathology, Department of Botany), Dr. Hari Singh Gour Central University, Sagar (M.P.) 470003.

- **3 Years:** (01.10.2006-01.10. 2009) as a **Research Trainee** on a UGC Project Research Award Scheme New Delhi, entitled “Fungal Biodiversity from the Forest Flora of Madhya Pradesh: A Survey and Study”.
- **1 Year:** Worked as **Research Scientist** on Project Study on Flora and Fauna of Runj Forest, Pawai Forest, Patne Forest and Panchamnagar Forest of Panna and Sagar District as in WRD (Water Resource Development) from 15.02.2012 to 30.01.2013.

COMPLETED PROJECT

- Preparation of People's Biodiversity Register of Chhindwara Janpad under M.P. Biodiversity Board Bhopal, M.P. March 2020.

ONGOING PROJECT

- Preparation of People's Biodiversity Register of Mohkhed Janpad under M.P. Biodiversity Board Bhopal, M.P. March 2023.
- Diversity of Dicotyledons of Chhindwara (M.P.). Under Government College Bichhua, Chhindwara (M.P.).

I, Naveen Kumar Verma, hereby declare that the information furnished above is true to the best of my knowledge.

Date: 12.03.2025

Place: Chhindwara

(Naveen Kumar Verma)