

CURRICULUM VITAE

Dr. Pramod Patil

M.Sc., Ph.D., F.S.L.Sc.

Email : drpatil.pramod@gmail.com

Mobile No. : 9826053375, 9340495528



Dr. Pramod Patil is a well known name in the field of Higher Education in Madhya Pradesh. He has Research, Teaching and Administrative experience of about 43 years. He has persued active research and has supervised more than 18 Ph.D. in Environmental Science, Algal Ecology, and Ethnobotany. Dr. Patil has 43 research publications in reputed journals and is Fellow of International Society of Research Hunt, Society of Life Sciences and Life Member of the Indian Science Congress Association.

Dr. Pramod Patil superannuated as Professor of Botany, from Institute for Excellence under Govt of M.P. Dept of Higher Education in Higher Education, Bhopal. He served as Head of Department of Botany, Govt. M.L.B. Girls P.G. Autonomous College, Bhopal, Chairman Board of Studies Botany, Barkatullah University, Bhopal and nominated as member Executive Council of B.U. Bhopal. He has been an expert in RDC, Botany, Devi Ahilya Vishwavidyalaya, Indore, A.P.S. Vishwavidyalaya Rewa, Barkatullah University, Bhopal and RMTU, Bhopal.

Dr. Patil has worked as a Associate NCC officer, Govt. NMV Hoshangabad from March, 1988 to June, 2004.

PERSONAL DETAIL :

Father's Name	:	Shri. R. B. Patil
Date of Birth	:	09-12-1954
Last Assignment	:	Professor, Botany, Institute for Excellence in Higher Education, Govt of M.P., Department of Higher Education, Bhopal

Payscale at time or RTD : Rs. 131400-217100 Basic 192900/-
Mailing Address : M-47, Sterling Castles,
Hoshangabad Road, Bhopal - 462026
Total Emolument drawn : 223206= 00
Academic Qualification : M.Sc. (Botany) 1976
Sagar University, Sagar
Ph.D. 1982, Bhopal University,
Bhopal "An Ecological Study of the
Algal" Flora of the Lakes of Bhopal
Field of Research : Algal Ecology
Teaching & Research Experience : 43 years
Research Paper Published : Forty One (43)
Ph.D. Supervised : Seventeen (18)

1. An ecological study of the algal flora of River Narmada at Hoshangabad. Barkatullah University, Bhopal 2006 Rajesh Raghuwanshi.
2. Investigation of CO₂ Fixation by Green Alga *Chlorella vulgaris* under stress condition and Evaluation of Its food value. RGPV Bhopal 2008 Narendra Kumar
3. Ecology of certain small water bodies of Bhopal with special reference to Cyanophyta. Barkatullah University, Bhopal 2010 Bharti Khare.
4. Ecology of some water bodies of Bhopal with special reference to Desmids. Barkatullah University, Bhopal 2010 Bhawana Agrawal
5. In Vitro Antibacterial Acitivity of certain essential oils against *Staphylococcus aureus* & *Pseudomonas aeruginosa*. Barkatullah University, Bhopal 2012 Reena Saxena
6. Study of Ethnomedicinal plants of Raisen Distict, Barkatullah University, Bhopal 2013 Yashvant Shukla
7. Study of Ethnomedicinal Plants with special reference to Biodiversity, Conservation in Tribal Areas of District Sagar, M.P., Barkatullah University, Bhopal 2014 Chhaya Nagar.
8. Study of Medicinal Plants with special reference to skin diseases. Barkatullah University, Bhopal 2014 Devendra Kadam

9. Studies On Diet Crop Plant Diversity Leading To Iodine Deficient Disorders (Idd) In Endemic Areas Of Betul And Kodenchery, Barkatullah University, Bhopal 2014 Krishnan P.
10. An ecological study of the Algal flora of River Shivna at Mandsaur (M.P.) India, Barkatullah University, Bhopal 2014 Prerna Mitra
11. An Ecological study of the Algal flora of River Parvati at Sehore (M.P.), Barkatullah University, Bhopal 2016 Sushma Sisodia
12. An Ecological study of Diatoms of River Narmada at Harda (M.P.), Barkatullah University, Bhopal 2019 Sunil Kumar Bourasi
13. Ecological study of fungal flora on Hataikheda dam., Barkatullah University, Bhopal 2019 Kusum Lata
14. An Ecological Study Of Aquatic Angiosperms Of Bhopal, Barkatullah University, Bhopal 2019 Reena Yadav
15. Effect Of Gibberellins And Phenols On Biochemistry And Morphology Of *Chenopodium album*, Barkatullah University, Bhopal 2019 Priya Saini
16. Taxonomical And Ethnobotanical Study Of Family Asteraceae Of District Raisen (M.P.), Barkatullah University, Bhopal 2019 Neha Sahu
17. Studies on Chlorococcales of Upper and Lower Lakes of Bhopal with special reference to water quality. Barkatullah University, Bhopal 2020 Yashodhara Bhargava.
18. Ethnobotanical study of medicinal and edible plants belonging to family fabaceae found in the area of Narmadapuram District M.P. Barkatullah Univeristy, Bhopal 2023, Dimpla Devi.w

RESEARCH PROJECT COMPLETED : Three (03)

(1) Major Research Project

- An ecological study of seasonal variation of Algal and fungal flora of the Lakes of Bhopal ERIC (NCERI) 1982.
- Water quality monitoring and improvement strategy using algal diversity as tool. UGC 2010.

(2) Minor Research Project

Bio Monitoring of Lakes with Algal Biodiversity in Bhopal District. UGC 2006

Ph.D. THESIS EXAMINED

: Nine

- 1 Pollen Spectrum of honey and its bio-chemical and morphological characterization, Sant Gadge Baba, Amravati University, Amravati, 2010 Sonal Kumar S. Nagarkar.
- 2 Study of rare endemic medicinal plants of Amarkantak Biosphere with special reference to their Physico-chemical analysis, A.P.S. University, Rewa, 2011 Amritash Kumar Shukla
- 3 "A study of Carbon Sequestration Potential of Constructed wetland emphasizing clean development mechanism (CDM) in Ujjain City" Vikram University, Ujjain, 2011 Priyanka Kanungo.
- 4 Air-spora studies at Buldana, Sant Gadge Baba, Amravati University, Amravati, 2012 Santosh Ambekar
- 5 Investigations on Pollination and pollen pistil interactions, Sant Gadge Baba, Amravati University, Amravati University, Amravati, 2012 Sarita A. Kukade
- 6 Morpho-ecological studies of phytoplanktons of Bakkshera dam (Raipur Karchuliyan) Rewa (M.P.) with special reference to BOD, COD and Productivity determination, A.P.S. University, Rewa, 2014 Kamal Kishor Shukla
- 7 Studies on Protease inhibitors from locally isolated Cyanobacteria, Rani Durgawati University, Jabalpur M.P., 2015 Chanda Patel.
- 8 Effect of Aqueous extract of *Selaginella bryopteris* on Alloxan Treated Diabetic swiss albino mice, Lalit Narayan Mithila University Darbhanga, 2017 Ruby Kumari
- 9 Ethnobotanical and antimicrobial studies of some medicinal plants of Sidhi District A.P.S. University, Rewa, 2017 Ram Bohar Saket.
10. Studies on the biodiversity and distribution of Cyanophyceae and Chlorophyceae from the Satpura ranges of Nandurbar District M.S. 2021 Ashish Bharat Valvi.
11. An ethnobotanical study of medicinal plants use by tribal traditional healers of Betul District, RNTU, Bhopal 2023 Krishna Rathore.

12. Preparation of effective formulation of polyehdral biopesticide with special reference to use of some weeds, RNTU, Bhopal 2023 Tanushri Sah.
13. Comparative effect of entomopathogenic fungus (*Beauveria bassiana*) and botanical insecticide in the management of gram pod borer (*Helico verpa armigera*) RNTU, 2023 Vachaspati Mishra.
14. Medicinal plants with potential antidiabetic activity used in traditional system of medicine in tribal area of Raisen District M.P. RNTU 2023. Deepa Soni.

16. **Ph.D. VIVA-VOCE EXAM CONDUCTED** : Five 07
- 1 "A study of Carbon Sequestration Potential of Constructed wetland emphasizing clean development mechanism (CDM) in Ujjain City", Vikram University, Ujjain, 2011 Priyanka Kanungo.
- 2 Air-spora studies at Buldana, Sant Gadge Baba, Amravati University, Amravati 2012 Santosh Ambekar.
- 3 Morpho-ecological studies of phytoplanktons of Bakkshera dam (Raipur Karchuliyan) Rewa (M.P.) with special reference to BOD, COD and Productivity determination, A.P.S. University, Rewa, 2014 Kamal Kishor Shukla.
- 4 Studies on Protease inhibitors from locally isolated Cyanobacteria, Rani Durgawati University, Jabalpur M.P., 2015 Chanda Patel.
- 5 Ethnobotanical and antimicrobial of some medicinal plants of Sidhi District, A.P.S. University, Rewa, 2017 Ram Bohar Saket.
6. Studies on the biodiversity and distribution of Cyanophyceae and Chlorophyceae from the Satpura ranges of Nandurbar District M.S. 2021 Ashish Bharat Valvi.
7. An ethnobotanical study of medicinal plants use by tribal traditional healers of Betul District, RNTU, Bhopal 2023 Krishna Rathore.
8. Medicinal plants with potential antidiabetic activity used in traditional system of medicine in tribal area of Raisen District M.P. RNTU 2023. Deepa Soni.

RESEARCH IN VARIOUS ORGANISATIONS :

1. Fellow, Society of Life Sciences.
2. Fellow, International Society of Research Hunt.
3. Life Member Indian Science Congress Association.

EDITOR OF NATIONAL JOURNAL

1. Editor International Journal of Research Hunt
2. Associate Editor of National Journal of Life Science
3. Indian Biotech Journal

RESEARCH PAPERS PUBLISHED :

1. **Patil P.** and Dubey B. 1982 : An ecological study of seasonal variation of Algal and Fungal Flora of the Lakes of Bhopal Project Report E.R.I.C. (NCERT) P-97.
2. **Patil P.** 1984 : An ecological study of the algal flora of the lakes of Bhopal I.B.V. 2(1) P 53.
3. **Patil P.** 1984 : Some rare freshwater algae from Madhya Pradesh I.B.C. 3,4(i) P-85.
4. Palharya J.P. and **Patil P.** 1985 : Environmental awareness for the protection against pollution in the Narmada River at Hoshangabad. Paper presentation workshop on Environmental conservation of Cultural Heritage 28-30 September, 1985 Khajuraho.
5. **Patil P.** 1991 : Ecological study of blue green algae of lakes of Bhopal paper presented in National Symposium on *Spirulina* Etta 30's Sept-2 Oct 1991 Madras.
6. Palharya J.P. and **Patil P.** 1986 : Some pollution indicator algae of the River Narmada Paper presented in International Workshop on Surface Water Management 17-18 January 1986 Bhopal.
7. **Patil P.**, Raghuwanshi R. and Upadhyay R. 2004. A systematic, account of Euglenophyceae in river Narmada and its surrounding at Hoshangabad (M.P.) National J. of Life Science 1(2) 451-452.

8. **Patil P.**, Raghuwanshi R. and Upadhyay R. 2004. Algae of polluted water bodies of Hoshangabad. Proceeding of Indian Science Congress Bhopal Chapter P. 23-25.
9. **Patil P.** 2005 Trophic status of the lakes of Bhopal India. XVII International Botanical Congress Vienna P. 586.
10. S. Bhargava, R. Chouhan, S.D. Singh, P. Patil 2006 Auxotrophic mutant of Cyanobacterium *Nostoc muscorum* showing absolute requirement of Cs⁺ Rb⁺ for iazutrophy and avtotrophy J. Basic Microbiology 46(4) : 255-262.
11. Kachuali R.K., Maithil R., **Patil P.**, and Bhargava S. 2007. The role of proton driven antiporters in Na⁺ resistance and pH homeostasis in the lithium-resistance (Li⁺-R) mutant of the cyanobacterium *Nostoc muscorum* Indian Biotech Journal Vol. 1(1) 4-8.
12. **Patil P.** 2009, Status, Utilization and Diversity of Medical plants of Pachmarhi Biosphere Reserve India. Planta Medica 2009 V75 P 930.
13. Agrawal and **Patil P.**, 2010. Desmid flora of small fresh water bodies of Bhopal, Indian. J. Applied & Pure Bio. vol. 25(2), 371-374.
14. Kumar N., Sethi V.K., **Patil P.**, 2010. Investigation of biological CO₂ fixation with green alga *Chlorella vulgaris* under stress, condition and evaluation its food value. Journal of Science and Applied Research 10(1) : 28-32.
15. Saxena R. **Patil P.**, and Khan S.S., 2010 Screening for phytochemical analysis of *Eucalyptus globulus* Labills and emblica officinalis Gaerth. Nanobiotechnica Universale Vol. 1(2) 103-106.
16. Saxena R., **Patil P.**, Khan S.S. 2011. In vitro antibacterial effect of some plant essential oils against *Staphylococcus aureus*. Plant Archives Vol. 11 No. 1, 2011. PP. 563-565.
17. Raghuwanshi, R.K., **Patil P.**, Verma A., 2011. Biodiversity of algae in river Narmada at Hoshangabad, Current World Environmental Vol. 6 No. 1 : 11-13.
18. Khare B., **Patil P.**, 2011. Aquatic Biodiversity of Cyanophytes of Jawahar Bal Udhyan Pond, Bhopal Indian Hydrobiology 14(1) : 8-21.

19. Saxena R. and **Patil P.**, 2011, In vitro Antibacterial Effect of certain **Essential** Oils against *Pseudomonas aeruginosa*. **Biosciences, Biotechnology Research Asia** Vol 8(1) 317-320.
20. Khare B., and **Patil P.**, 2011, Analysis of Cyanophycean biodiversity in Munshi Hussain Tank, Bhopal, **Environment Conservation Journal** 12(1&2) 95-97.
21. Mishra, N, Prakash A., **Patil P.**, and Ranjana Singh R, 2012, **Ethnoveterinary** medicine of Betul District M.P. **Agric. Biol. Res.** 28 : 166-170.
22. Saxena R. and **Patil P.**, 2012 Phytochemical studies on *Myristica pragnance* Essential oil., **B.F.I.J.** 4(2) : 62-64.
23. **Patil P.**, Chaudhary T.M. and Kadam D., 2012, **Ethnomedicinal plants used** against skin diseases in some villages of M.P. India. **National Conference Govt M.S. College Rewa**, 143-147.
24. **Patil P.**, and Kadam D., 2013 **Traditional Medicinal Plants used to treat** eczema by Ethnic group of Malva Region M.P., India. **Recent advances in Biodiversity conservation** 122-125.
25. Khare B. and **Patil P.**, 2013 : Physico-chemical and Cyanophytic variation of Shahpura Lake, Bhopal **I.J.A&Pure Bio.** Vol 28(2) 311-322.
26. Agrawal B., **Patil P.**, Khare B., 2014, A preliminary study of macrophytes and physico-chemical parameters of Jawahar Bal Udhyan Pond, Bhopal, M.P. India. **Journal of Contemporary Science** Vol 3(2) 8-10.
27. Agrawal B., **Patil P.**, 2014 Variation in Physico-chemical characteristics of Desmid diversity of Shahpura Lake- an urban tropical aquatic ecosystem in Bhopal, India. **Int. Jour. of Env't. Biol.** 4(3) 211-214.
28. Agrawal B., and **Patil P.**, 2014 Effect of temperature on the occurrence of Desmids in a lentic water body of Bhopal district, M.P. with reference to seasonal variation in the physico-chemical parameters. **Environment conservation Journal** 15(3) 89-93.
29. Mishra, N.P. and **Patil P.**, 2014. Ethno-medicinal plants used for curing skin diseases by Tribals of Betul District, M.P. **Journal of Global Biosciences** Vol 3(4) 731-734.

30. Saxena R., and **Patil P.**, 2014. In Vitro antibacterial activity of *Emblica officinalis* essential oil against *Staphylococcus aureus*. International Journal of Theoretical & Applied Sciences 6(2) 7-9.
31. Bourasi S.K., Singh S.D., **Patil P.**, 2016. Seasonal variation of Physico-chemical parameters and diversity of phytoplankton in river Narmada at Harda (M.P.) C 113 Tech Journal of Microbiology Vol 5(1) 25-30.
32. Bourasi, S. K., Singh, S. **Patil P.** 2018. A study of effect of physico-chemical parameters on biodiversity of Diatoms with special reference to *Navicula* in river Narmada at Harda M.P. India. International J. of Life Science 6(2) 1-4.
33. **Patil P.**, Khare B., 2018. Nutrient overloading and its consequences as harmful algal blooms in a tropical lake of control India NaveenShodh Sansar Vol. 1-24-31.
34. Lata K., Alia A., **Patil P.**, 2018. Study of Aquatic Fungi (Order Moniliales from Hataikheda Dam. European Journal of Biomedical and Pharmace. Vol 5-(4) 410-412.
35. Lata K., Alia A., **Patil P.**, 2018 Species of A lternaria were reported first time from Hataikheda Dam of Bhopal (M.P.) Word Journal of Pharmeceutical Research 7(7) 2208-2212.
36. Yadav R. and **Patil P.**, 2018.. Halali Reservoir restudy the seasonal variation in Physico-chemical characteristics of Water World Jour. of Pharmaceutical Rese. Vol. 7 is 7 1848-1852.
37. Yadav R. and **Patil P.**, 2018. Study determined and characterized the quality of water Shahpura lake of Bhopal. European Journal of Pharamaceutical and Medical Res. 245-429.
38. Sahu N., **Patil P.**, and Jain A.K., 2018. Ethnobotanical and Taxonomical Characteristics of Asteraceae Family of District Raisen M.P. Madhya Bharti Journal of Science Vol. 61(1) : 45-47.
39. Sahu N., **Patil P.**, 2019. Ethnobotanical study of plants of Asteraceae found in Raisen District, M.P. Inter J. of Fundamental and Appli. Res. 7-7, 7-12.
40. Bhargava Y., **Patil P.**, 2019. Chlorococcales of Bhopal, Madhya Pradesh. International Jou. of Fundamental & App. Res. Vol. 7-04-06.

41. Bhargava Y., **Patil P.**, 2020. Study of Physico-chemical Parameters and Biodiversity of Chlorococcales in Lower Lake Bhopal, with Special Reference to *Scenedesmus*. Intl. J. of Fundamental & Appli. Res. Vol. 7-1-5.
42. Dharves, Shah KW, Patil P and Upadhyay R 2022 occurrence of Genus Cosmarium in Machagora Dam, Chhindwara, District M.P. Flora and Fauna Vol 28(2)212-216.
43. Dhurve S. Shah KW, Patil P, Upadhyay R. 2022 study of fresh water desmid algae from Machagora Dam of Chhindwara District M.P. International Journal of Innovative Research & Growth. 11(3) 59-62.

SEMINAR'S SYMPOSIA, WORKSHOP

AND TREATING ATTENDED : 74 (Seventy)

(A) INTERNATIONAL : 04

(B) NATIONAL : 70

(A) INTERNATIONAL

- (i) XVII International Botanical Congress Vienna, July 17-23, 2005.
- (ii) 57th International Congress and Annual Meeting of the Society for Medicinal Plants and Natural Product Research. Geneva Switzerland August 16-20, 2009.
- (iii) International Conference on Multidisciplinary Research Towards A Sustainable Society, Maldives, October 2-3, 2017.
- (iv) Janparishad's 10th International Conference (Achieving Sustainable Development through societal contribution) ASDISC at Dubai 24th to 28th September 2023.

(B) NATIONAL

- (i) Spirulina Eta-National Symposium 30th September to 2 October 1991 Madras.
- (ii) Regional Workshop of CABE Committee on "Autonomy of Higher Educational Institutions" December 8-9, 2004, Pune.
- (iii) National Conference on Challenges of Higher Education and Future Direction for Autonomous Colleges September 23-25, 2004 Madurai.

EXAMINATION WORK EXPERIENCE :

1. Examiner, M. Phil Dissertation.
2. Paper setter & Practical Examiner of -
 - Barkatullah University, Bhopal.
 - Dr. H.S. Gour University, Sagar.
 - Jiwaji University, Gwalior.
 - Devi Ahilya University, Indore.
 - Vikram University, Ujjain.
 - Rani Durgavati University, Jabalpur.
 - Bhoj Open University, Bhopal.
 - Various Autonomous Colleges of M.P.
3. Expert Research Degree Committee
 - Barkatullah University, Bhopal
 - Devi Ahilya University, Indore
 - A.P.S. University, Rewa
4. Analytical Writing Skill in preparing Project, Project Reports.
5. Member Project Approved Committee for Project received for funding at M.P. Council of Science and Technology, Bhopal
6. Convener of Flying Squad.
7. Convener University Examination cell.
8. Observer for various examination conducted by VYPAM, M.P. PSC and UPSC

ACADEMIC BODIES

1. Member Executive Council, Barkatullah University, Bhopal
2. Expert Member
 - Public Service Commission, Indore
 - Subject Expert
 - Selection member of committee of faculty for under code 28 of Barkatullah University, Bhopal

EXTRA CURRICULAR ACTIVITIES

- Worked as a ANO under 13 MP Battalion Hoshangabad.
- Attended 30 Campus of NCC Army wing.
- Professor In-charge sports, Library, Student Union
- Donated blood and conducted Blood-Donation Camp, Sponsored by Lion's Club and NCC.
- Worked as a Facilitator in Preparation of NAAC SSR for various Govt. College of Barkatullah University, Bhopal.
- UGC In-charge for 12 years in Govt. MLB Girls P.G. (Autonomous) College, Bhopal.
- Co-ordinator I.Q.A.C cell for UGC 11th Plan at Govt. MLB College, Bhopal.
- Incharge Infrastructure development committee of college.
- Co-ordinator purchase committee, IEHE, Bhopal.
- Member, UFM committee of IEHE, Bhopal

ADMINISTRATIVE EXPERIENCE :

- | | | | |
|-----|------------------------|---|--|
| (1) | HEAD, DEPTT. OF BOTANY | : | Govt. MLB Girls P.G. (Auto)
College, Bhopal for 10 years. |
| (2) | NCC OFFICER | : | Govt. NMV Hoshangabad for
17 years |

FIELD EXPERIENCE :

- (1) Conducted Educational Excursion Tour for P.G. students of various colleges.
- (2) Member of Training Programme of Master Trainers of M.P. on NCERT Class XI Biology Text Book.