

Curriculum Vitae

Dr. Najeeb Ahmad Bhat

(M.Sc, Ph.D)

Check Anzwalla, Near Iqbal Abad,
K.P. Road Anantnag (J&K)-192101
najahbhat@gmail.com
(+91)-9682667338, (+91)-9419425309
www.linkedin.com/in/najeeb-bhat



EDUCATION

Ph.D.	Environmental Sciences	Barkatullah University	2008-2013
M. Sc.	Environmental Science & Sustainable Development	Barkatullah University	2005-2007
B. Sc.	Botany, Chemistry, Fruit Preservation, English	University of Kashmir	2000-2004

AWARDS AND FELLOWSHIPS

Young Scientists Fellowship, Madhya Pradesh Council of Science and Technology, India
2013-2014

RESEARCH EXPERIENCE

- I. *Junior Research Fellow*: Madhya Pradesh Council of Science and Technology, India, 2010- 2013
- II. *Special Project Fellow (EIA)*: Water Development Department, Govt. of Madhya Pradesh,
and
Special Project Fellow (EIA): Water Development Department, Govt. of Madhya Pradesh, Oct. 2012 – May 2013.

RESEARCH INTERESTS

Ecology, Limnology, Aquatic Eco-toxicology, Water quality, Biodiversity, Phytoplankton, Interactions between zooplankton and fish; wetland/lake management, Taxonomy of freshwater Phyto-zooplankton, Nutrient dynamics.

IGNOU SUPERVISOR AND ACADEMIC COUNSELLOR of MSC Environmental Science

TEACHING EXPERIENCE

Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Boys, Anantnag, J&K, 09/10/2024 – Present.
Contractual Asst. Prof., Environmental Sciences, HKM Govt. Degree College, Bandipora, J&K, 27/03/2023 – 26/12/2023
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College for Women, Anantnag, J&K, 11/04/2022 – 26/12/2022
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College for Women, Anantnag, J&K, 27/07/2021 – 24/12/2021
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Kulgam, J&K, 05/03/2020 – 26/12/2020

Curriculum Vitae

Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Kulgam, J&K, 05/04/2018 – 31/07/2019
Contractual Asst. Prof., Environmental Sciences, Islamic University of Science & Technology, J&K, 18/10/2017 - 31/03/2018
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Dooru, J&K, 17/04/2017 - 17/10/2017
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Kulgam, J&K, 27/04/2016 - 31/03/2017
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Utersoo, J&K, 09/06/2015 - 31/03/2016
Contractual Asst. Prof., Environmental Sciences, Govt. Degree College Banihal, J&K, 12/08/2014- 08/06/2015

PUBLICATIONS

1. Javid Ahmad Dar, Debojyoti Raha, Subashree K, Manzoor Hassan Malik, **Najeeb Ahmad Bhat**, Mohammed Latif Khan (2023). Dynamics of soil Co₂ efflux in three tropical dry deciduous forests of Central Indian landscape. *Proceedings of the International Academy of Ecology and Environmental Sciences*, 13(3): 111-125. ISSN 2220-8860.
2. Dar JA, Subashree K, **Bhat NA**, Rather MY, Sundarapandian SM, Khare PK and Khan ML (2018). Climate Change Combat – A Conspectus. *Inter. J. of Envi. Sc. and Nat. Res.*, 13(2): ISSN No. : 2572-1119.
3. Zahida Bano, Rajandra Chauhan and **Najeeb Ahmad Bhat** (2015). A study of seasonal physicochemical parameters in river Narmada. *J. Chem. Bio. Phy. Sc.*, 6D(1): 010-017.
4. Zahida Bano, Rajandra Chauhan and **Najeeb Ahmad Bhat** (2015). Fish biodiversity and conservation aspects in an aquatic eco-system in river Narmada. *J. of Pharmaceutical Biology*, 5(4): 2015, 289-294.
5. **Najeeb Ahmad Bhat**, Ashwani Wanganeo and Rajni Raina (2015). Variability in water quality and phytoplankton community during dry and wet periods in the tropical wetland, Bhopal, India. *J. Ecosys. & Ecograph*. 5:1.
6. **Najeeb Ahmad Bhat**, Rajni Raina and Ashwani Wanganeo (2015). Ecological investigation of zooplankton abundance in the Bhoj wetland, Bhopal of central India: Impact of environmental variables. *Int. J. of Fish. and Aquacult.*, 7(6): 81-93. DOI: 10.5897/IJFA 14.0431.
7. **Najeeb Ahmad Bhat**, Ashwani Wanganeo and Rajni Raina (2015). Seasonal dynamics of phytoplankton community in a tropical wetland. *Envi. Monit. Assess.*, 187: 4136. DOI 10.1007/s10661-014-4136-4.
8. **Najeeb A. Bhat**, Rajni Raina and Ashwani Wanganeo (2014). Occurrence and spatial distribution of Brachionus species: A bioindicator of eutrophication in Bhoj Wetland, Bhopal. *Ecologia Balkanica*. 6(2): 43-50. ISSN 1313-9940.
9. Sumira Rasool, Ashwani Wanganeo, **Najeeb Ahmad Bhat** and Ashok K. Pandit (2014). Qualitative study of epilithic algal diversity spectrum in Lidder stream of Lidder Valley (Kashmir Himalayas). *Int. J. Biodivers. Conserv.* 6(10): 702-707. ISSN 2142-243X.

10. **Najeeb Ahmad Bhat**, Ashwani Wanganeo and Rajni Raina (2014). The composition and diversity of net zooplankton species in a tropical water body (Bhoj Wetland) of Bhopal, India. *Int. J. Biodivers. Conserv.* 6(5): 373-381. ISSN 2142-243X.
11. **Najeeb Ahmad Bhat**, Ashwani Wanganeo and Rajni Raina (2014). Spatio-temporal variation of the zooplankton community in a tropical wetland (Bhoj wetland) Bhopal, India. *J. of Ecol. and The Nat. Environ.* 6(8): 252-270. ISSN 2006-9847.
12. **Najeeb Ahmad Bhat**, Ashwani Wanganeo, Parvaiz Ahmad Bhat and Rajni Raina (2013). Diurnal variation of zooplankton in Bhoj Wetland, Bhopal, India. *Proceedings of the International Academy of Ecology and Environmental Sciences*, 2013, 3(3): 238-246. ISSN 2220-8860
13. **Najeeb A. Bhat**, Ashwani Wanganeo, Rajni Raina, Javaid A. Dar and Ayaz A Naik (2013). Phytoplankton diversity in relation to physico-chemical characteristics of Upper basin (Bhoj Wetland), Bhopal India, *Int. j. of Geol. Earth, and Envi. Sc.*, 2 (3): 147-153. ISSN 2277-2081
14. **Najeeb A. Bhat.**, Wanganeo, A., Wanganeo, R and Javaid A. Dar (2014). Trophic status of Bhoj wetland on the basis of some chemical characteristics. *J Pollut Eff. Cont.* 2(1): 108. ISSN 1000108.
15. Javid Ahmad Dar, M Farooq Mir, **Najeeb A. Bhat** and M A Bhat (2013). Pollution Studies of a Monomictic Lake, Srinagar, Jammu and Kashmir, India. *Forest Res* 2013, 2:1. ISSN 2168-9776.
16. Javid Ahmad Dar, M. Farooq Mir, **Najeeb A. Bhat**, M.A.Bhat, SM. Sundarapandian (2013). A pollution study on a monomictic lake in India. *Proceedings of the International Academy of Ecology and Environmental Sciences*, 2013, 3(4):
17. **Najeeb A. Bhat**, Rajni Wanganeo and Ashwani Wanganeo (2012). Pollution status of Bhoj wetland before and after immersion of Idols. *SAJTH*, 5(1): 153-156.
18. **Najeeb A. Bhat**, Rajni Wanganeo and Ashwani Wanganeo (2012). Composition and dynamics of rotifera fauna from upper basin (Bhoj Wetland) as parameter of water quality. *Int. J. of Applied Biology and Pharmaceutical Technology*, 3(3):109-113. ISSN 0976-4550
19. Ayaz A. Naik, Wanganeo. A, Ishaq. A and **Najeeb A. Bhat** (2012). Summer Limnology of a high mountain Lake 'Kailash Lake' Bhaderwah, Jammu and Kashmir. *International Journal of Environmental Sciences*, 3(3): 931-939. ISSN 0976-4402
20. Wanganeo, A; **Najeeb A. Bhat**; Wanganeo, R; and Javaid A. Dar (2010). Eutrophication: The silent killer. *J. Naveen Samajik Shodh*, 8: 20-24.
21. Hilal K., Dinesh P., Sharma, N C, **Najeeb A** and Umer Farooq (2010). Role of NGO's in promoting education and awareness. *Proceeding of Nat. Sem. on Integ. Manag. of Water Resources*, 268-275.

BOOK CHAPTERS

1. Subashree Kothandaraman, Javid Ahmad Dar, **Najeeb Ahmad Bhat**, Somaiah Sundarapandian, and Mohammed Latif Khan (2022). Tree Plantation: A Silver Bullet to Achieve Carbon Neutrality? Land Degradation Neutrality: Achieving SDG 15 by Forest Management. Pp 212-227. Edited Springer Nature Singapore Pte Ltd. 2022. ISBN 978-981-19-5477-1.

Curriculum Vitae

2. **Najeeb A. Bhat**, Rajni Wanganeo and Ashwani Wanganeo (2021). Impact of Anthropogenic Activity on the Ecology of Bhoj Wetland. Ecosystem Interactions and Management. 976-61-6152-549-9.
3. Dar J.A., Subashree K., **Bhat N.A.**, Sundarapandian S., Khare P.K., Dayanandan I.S., Khan M.L. (2018). Role of major forest biomes in climate change mitigation: an eco-biological perspective. Springer.

PRESENTATIONS/CONFERENCES/WORKSHOPS (NATIONAL/INTERNATIONAL)

1. Participation in the two day camp **“Green Leadership Camp”** organized by WRCF, NCF and JK Forest Department on 19th and 20th July, 2023 at Chitternagar, Bandipora J&K.
2. Participated and organized the workshop on **“Three Day workshop on Disaster Management Skills”** jointly organized by Department of Environmental Science, GDC Women Anantnag in collaboration with Department of Civil Defense Anantnag from 29th August 2022 to 31st August 2022 at GDC Women Anantnag J&K, India.
3. Participated and attended sessions of SERB Sponsored Online One-Day Workshop **“Biofuels and Green Technologies (BGT-2022)”** organized by Department of Environmental Sciences, Central University of Jammu, J&K on MARCH 8, 2022.
4. Participation in Online Webinar on Theme: **‘Integrated Approach in S&T for Sustainable Future’** held on the Occasion of the **National Science Day** on February 28th, 2022 Organized By **JNU ENVIS RP**.
5. Participation one-day Webinar on **“Clean Energy Technologies”** organized by Department of Chemical Engineering, **International Student Chapter, IChE Regional Centre, IIT ISM Dhanbad**, on 18th September, 2021.
6. Organized the workshop on **“National Workshop on Solid Waste Management”** organized by DELHI RESEARCH IMPLEMENTATION AND INNOVATION, on **July 30-31, 2021** at **Indian Institute of Technology, Delhi**.
7. Participation in Online Webinar on Theme **“Nature Conservation Approach for Sustainable Future”** held on the Occasion of the **Nature Conservation Day** on July 28th, 2021 Organized By **JNU ENVIS RP**.
8. Participation in Online Webinar on Theme **“Ecosystem Restoration in India: challenges, Successes and Way Forward”** held 15 June 2021, on the Occasion of the **World Environment Day June 5th, 2021** Organized by Voice of Environment, Dehradun, India.
9. Participation in Online Webinar on Theme **“Ecosystem Restoration”** held on the Occasion of the **World Environment Day | June 5th, 2021** Organized by JNU ENVIS RP & SCST ECOTOURISM ENVIS. JNU ENVIS, Dehli, India.
10. Participation in Online Webinar on Theme **“I’m Part of the Solution”** held on the Occasion of the **International Biological Diversity Day** on 22nd May, 2021 Organized by JNU ENVIS RP & SCST ECOTOURISM ENVIS. JNU ENVIS, Dehli, India.
11. Participation in Online Webinar on Theme **“Ozone For Life”** held on the Occasion of the **World Ozone Day 2020**, Organised on September 16th, 2020. JNU ENVIS, Dehli, India.

Curriculum Vitae

12. Participation in **“Two day workshop on Outcome Based Education”** jointly organized by Islamic University of Science & Technology & National Board Accreditation held on 26th -27th March 2018 at IUST Awantipora, Kashmir.
13. Workshop on **“How to Write and Publish Scientific Articles and Manuscripts”** jointly organized by **Islamic University of Science & Technology & Springer Nature**. On December 15th, 2017, at IUST Awantipora, Kashmir.
14. Organized the workshop on **“Waste Management and Cleanliness Drive”** jointly organized by Mantaqi Centre for Science and Society and Department of Mathematical Sciences (Environmental Science Division) **Islamic University of Science & Technology**. On November 29th, 2017, at IUST Awantipora, Kashmir.
15. Author Workshop on **“Scholarly Writing & Intellectual Ethics”** jointly organized by **Islamic University of Science & Technology & Elsevier**. On October 26th, 2017, at IUST Awantipora, Kashmir.
16. Poster presentation 2014 **INDIAN BIODIVERSITY CONGRESS (IBC 2014)**, 18-20 December 2014 at SRM University, Chennai, Tamilnadu.
17. International conference on **“Green India: Strategic knowledge for combating climate change: Prospects & challenges (GISKCCC-2013)”**, held at Pondicherry University, during 5-7 December 2013. Sponsored by School of Life Sciences, Deptt. of Ecology and Environmental Sciences (UGC-SAP (DRS-I) at Pondicherry University, Puducherry.
18. National Workshop on **“Intellectual Property Rights”** on 20th February 2013, Sponsored by MP. Council of Science and Technology, Bhopal, Organized by Deptt. of Environmental Sciences & Limnology, Barkatullah University, Bhopal (MP).
19. 28th M.P. Young Scientist Congress. Feb. 28 – March 01, 2013. **Impact of Riparian owners on the ecological status of Bhoj wetland, Bhopal (M.P).**
20. National Workshop on **“Horizon of Science & Technology in the Upgradation of Women”** on 1st-2nd March 2013, Sponsored by MP. Council of Science and Technology, Bhopal, Organized by Deptt. of Environmental Sciences & Limnology, Barkatullah University, Bhopal (MP).
21. National Workshop on **“Relevance of Mathematics in Sciences”** on 4st-5th March 2013, Sponsored by MP. Council of Science and Technology, Bhopal, Organized by Deptt. of Environmental Sciences & Limnology, Barkatullah University, Bhopal (MP).
22. Best Science Research Award of 2012-13 organized by Coordinator MPCST-IPR Cell Barkatullah University, Bhopal.
23. Quiz Competition/Poster Presentation during National Science Day Celebration on March 2013, organized by Coordinator-MPCST IPR Cell Barkatullah University, Bhopal.
24. Two day National Workshop on **“Climate change and Management of water bodies”** on 16th-17th August 2013, Sponsored by Environmental Planning and Coordination Organization, Bhopal at Barkatullah University, Bhopal.
25. National Workshop on **“SCIENTIFIC/RESEARCH PAPER WRITING”** organized by THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI) from June 08-10-2012 at Central Institute of Fisheries Education-CIFE, Mumbai.

Curriculum Vitae

26. 28th M.P. Young Scientist Congress. Feb. 28 – 29, 2012. ***Impact of Riparian owners on the ecological status of Bhoj wetland, Bhopal (M.P).***
27. Quiz Competition during National Science Day Celebration on December 2012, organized by MPCST Coordinator IPR Cell Barkatullah University, Bhopal.
28. 8th JK Science Congress. 17th-19 September, 2012, on ***“Science, Technology and Regional development: Opportunities and Challenges”*** Sponsored by University of Kashmir in collaboration with J&K state council for S&T and DST. GOI.
29. Quiz Competition (as Quiz Master) /Plantation Drive/ Seminar/Poster Presentation during National Science Day Celebration on March 2011, organized by MPCST Coordination IPR Cell Barkatullah University, Bhopal.
30. Poster presentation/Hands on tools on ***“Chemistry-Our Life and Our Future”*** 11th Nov. 2011 organized by MPCST Coordination IPR Cell Barkatullah University, Bhopal.
31. National Workshop on ***“SCIENTIFIC/RESEARCH PAPER WRITING”*** organized by THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI) from October 22-24-2011 at Allahabad, UP.
32. SERC School on ***“Ocean-Atmosphere Interactions and Global Change”*** from 14th July to 3rd August 2010 at Andhra University, Vishakapatnam (A.P).
33. ***“Physical Oceanography”*** in National Institute of Oceanography, Goa, 5-9 April, 2010.
34. National Science Day Celebration organized by MP Council of Science and Technology-Coordinator Cell Barkatullah University, Bhopal, MP on ***“Significance of Environmental Change on Biodiversity viz., its Positive and Negative Aspects”*** during on 20th March, 2010.
35. Imparted training to the participating students on ***“Technology Day”*** On Fresh Water Ecology” from 11th to 13th May 2009. Organized by Department of Environmental Sciences & Limnology, BU, Bhopal.
36. ***“Water My Resource My Responsibility”*** and Photo Exhibition on ***“Significant Environmental Issues”*** during National Science Day on 26th February, 2009. Sponsored by MPCST Bhopal, at BU Bhopal.
37. Awareness Programme on ***“Social Relevance of Developmental Programmes on Narmada River”*** held on 12th January 2008. Organized by Department of Limnology, BU, Bhopal.

ONLINE COURSES

1. Certificate course on ***“Ecosystem Services: a Method for Sustainable Development”*** offered by University of Geneva via Coursera (August, 2020).
2. Certificate course on ***“Ecology: Ecosystem Dynamics and Conservation”*** offered by American Museum of Natural History and Howard Hughes Medical Institute via Coursera (June, 2020).
3. Certificate course on ***“Biological Diversity (Theories, Measures and Data sampling techniques)”*** offered by National Research Tomsk State University via Coursera (August, 2020).

Curriculum Vitae

Contact information of three referees

Reference I	Reference II	Reference III
Prof. (Dr.) Ashwani Wanganeo Department of Environmental Sciences & Limnology, Barkatullah University, Bhopal-462026 Ph. No. 09425301479 profwanganeo@gmail.com	Prof. (Dr.) K K Vass Ex-Director CIFRI Kolkata, Barackpore, West Bengal, India Mob No. 09999330182 vass.kuldeep76@gmail.com	Assist. Prof. (Dr.) Dr. Javid Ahmad Dar Department of Environmental Sciences, SRM University, AP - Andhra Pradesh, Pin code: 522502 Cell/phone: 06005133959 javidahmad.d@srmap.edu.in

Date: 24th June, 2025

Place: Anantnag, Kashmir (India)

Najeeb Ahmad Bhat