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**Google Scholar:** https://scholar.google.co.in/citations?user=ISJ4H7sAAAAJ&hl=en

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**ORCID:** 0000-0003-2952-744X

**Designation: Assistant Professor Environmental Sciences,**

Government Degree College, Ganderbal,

Higher Education Department,

Jammu and Kashmir, India-191201

# Education

**2012.** Ph.D, Pondicherry Central University, Puducherry, India.

**2004.** M.Sc. Environmental Sciences. Department of Environmental Sciences, University of Kashmir, Hazratbal Srinagar, Kashmir, Jammu and Kashmir, India-190006.

**2006.** B.Ed. University of Kashmir, Hazratbal Srinagar, Kashmir, Jammu and Kashmir, India-190006.

**2008.** Post Graduate Diploma in Disaster Management (PGDDM), IGNOU, Maidan Garhi, New Delhi, India-110068.

**2007. Qualified State Eligibility Test (SET) for Assistant Professorship**

**Specialization:** 1. Earthworm Ecology /vermicomposting

2. Surface water quality monitoring/waste water

3. Solid waste management

4. Air quality

**Experience**

**Teaching experience:**

1. 10 years of teaching experience at U.G level and P.G level as Assistant Professor.

**Research experience:**

1. Research Associate in **Preparation of Ground Water Quality Maps under RGNDWM, phase-IV Project**, Directorate of Environment and Remote Sensing, J&K.
2. Consultancy experience as **Environment expert in Municipal Solid Waste Management (MSW)**.

**Softwares proficiency**

Proficiency in following stastistical softwares for stastiscal data analysis and graphical reprentation

1. SPSS 2. PAST 3. ORIGIN 4. SIGMA PLOT

**Research Publications**

**Journal Articles**

1. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2013. Management of fresh water weeds (macrophytes) by vermicomposting using *Eisenia fetida.* *Environmental Science and Pollution Research***.** 20:6406–6417.doi: 10.1007/s11356-013-1687-9. **Springer.** **(Impact factor: 4.223).**
2. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2012. Assessment of water quality and identification of pollution sources of three lakes in Kashmir, India, using multivariate analysis. *Environmental Earth Sciences*. 66 (8): 2367-2378, doi: 10.1007/s12665-011-1458-1. **Springer**. **(Impact factor: 2.784).**
3. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2011. Earthworm communities of Kashmir Valley, J&K, India. *Tropical Ecology*, 52 (2):151-162. **Springer** **(Impact factor: 1.137).**
4. Uzma Showkat and **Ishtiyaq Ahmed Najar.** 2019. Study on the efficiency of sequential batch reactor (SBR) based sewage treatment plant. Applied Water Science. 9(2):1-10 doi.org/10.1007/s13201-018-0882-8. **Springer (Impact factor: 3.874)**.
5. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2014. Factors Affecting Distribution of Earthworms in Kashmir Valley: A Multivariate Statistical Approach. *Proceedings of the Zoological Society*. 67(2):126-135. doi: 10.1007/s12595-013-0081-4. **Springer.**
6. **Ishtiyaq Ahmed Najar,** Anisa B. Khanand Abdul Hai (2015).Effect of macrophyte vermicompost on growth and productivity of brinjal (*Solanum melongena*) under field conditions. *International Journal of Recycling of Organic Waste in Agriculture*. 4(2):73-83. doi: 10.1007/s40093-015-0087-1.**Springer (SRJ: 0.71).**
7. **Ishtiyaq Ahmed Najar**, Anisa B. Khan and Abdul Hai (2020). Occurrence of the *Aporrectodea caliginosa caliginosa* (Savigny, 1826) (Annelida: Clitellata: Haplotaxida) from Kashmir Valley, Jammu & Kashmir, India. Journal of Threatened Taxa 12(15): 17138-17146. <https://doi.org/10.11609/jott.2947.12.15.17138-17146>. **(H-index: 10).**
8. Mehvish T and **Ishtiyaq Ahmed Najar.** 2018.Preliminary Study on Air Quality of Srinagar, (J&K), India. Journal of Environmental Science Studies. 1(1): 1-10. doi:10.20849/jess.v1i1.421. **(H-index: 9).**
9. Mohd Hanief Najar and **Ishtiyaq Ahmed Najar**. 2018. An overview to photo-catalytic degradation of dyes in wastewater. Applied Chemical Engineering. 2:1-4. doi: 10.63019/ace.v1i2.615.
10. **Ishtiyaq Ahmed Najar,** Anisa B. Khanand Abdul Hai. (2017). Evaluation of seasonal variability in surface water quality of Anchar Lake, Kashmir, India, using multivariate statistical techniques". Pollution. 3(3):349-362. doi:10.7508/pj.2017.03.001.
11. **Ishtiyaq Ahmed Najar** (2017)**.** Vermicomposting of aquatic weeds: A quick review. Plant Science Today. 4(3):133-136. doi:10.14719/pst.2017.4.3.311**.(SCS: 1.1).**
12. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2013. Effect of vermicompost on growth and productivity of tomato (*Lycopersicon esculentum*) under field conditions. *Acta Biologica Malaysiana*. 2(1): 12-21.
13. Aqisa Bashir and **Ishtiyaq Ahmed Najar** (2016). Insect diversity of Doodhpathri (Budgam), Jammu and Kashmir, India. International Research Journal of Fauna and Biological Studies. 3(6):128-132.
14. Tawseef Ahmed Mir and **Ishtiyaq Ahmed Najar** (2016). Earthworms of Doodhpathri (Budgam), Jammu and Kashmir, India. Internatinal Research Journal of Environmental Sciences.5(12):33-39.
15. Zareena Akhtar and **Ishtiyaq Ahmed Najar** (2016). Composition of Solid Waste in Doodhpathri (Budgam), Jammu and Kashmir, India. Internatinal Research Journal of Earth Sciences. 4(11):10-16.
16. **Ishtiyaq Ahmed Najar** and Anisa B. Khan 2012.Vermicomposting of fresh water weeds (macrophytes by *Eisenia fetida* (Savigny, 1826), *Aporrectodea caliginosa trapezoides* (Duges, 1828) and *Aporrectodea rosea rosea* (Savigny, 1826). *Dynamic Soil, Dynamic*, 6 (s1): 73-77.
17. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2011. Assessment of pollution status of Khushalsar Lake, Kashmir, India using multivariate statistical techniques. *Pollution Research*, 30(2): 131-136.
18. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2011. New record of an earthworm *Octolasion cyaneum* (Savigny, 1826) from Srinagar, Kashmir (J&K), India. *Ecology Environment and Conservation*, 17(3): 1-3.
19. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2011. New record of the earthworm *Eisenia fetida* (Savigny, 1826) from Kashmir Valley, Jammu and Kashmir, India. *Bioscan*, 6 (1): 143-145.
20. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2010.Vermicomposting of *Azolla pinnata* by using earthworm *Eisenia fetida*. The *Bioscan*, 5(2): 239-241.

**Conference proceedings**

1. **Ishtiyaq Ahmed Najar** and Anisa B. Khan. 2012. Assessment of seasonal variation in water quality of Dal Lake (Kashmir, India) using multivariate statistical techniques. Conference on Water Pollution-XI: Modeling, Monitoring and Management, WIT *Transitions on Ecology and the Environment*, 164: 123-134. doi: 10.2495/WP120111. 23-25 May 2011, Riverside, USA.
2. **Ishtiyaq Ahmed Najar,** Anisa B. Khan and Abdul Hai. 2014. Changing climatic conditions and seasonal variability in surface water quality of a shallow valley lake, Kashmir, India. *Proceeding of the international conference on Green India: Strategic knowledge for compacting climate change: prospects and challenges*, Department of Ecology and Environmental Sciences, Pondicherry University, Excel India Publishers, New Delhi: 87-97.

**Book chapters**

* + - 1. Mohd Hanief Najar, Syed Kazim Moosvi and **Ishtiyaq Ahmad Najar.** 2019.Conducting Polymers: Synthesis and Applications. pp 1-17. In Ashok Kumar Acharya (editor), Recent Trends in Chemical Sciences, AkiNik Publications, Rohini, Delhi, India. Paperback ISBN: 978-93-5335-494-7 and e-Book ISBN: 978-93-5335-495-4.

**Papers communicated**

* + - 1. **Ishtiyaq Ahmed Najar** andJehanjeer Mohd Reshi**.** Multivariate statistical techniques for the assessment of seasonal variations in surface water quality of Dal Lake, India.

**Membership/ association with academic agencies**

**Reviewer in following journals**

Ecological Indicator (Elsevier), Ecotoxicology and Environmental Safety (Elsevier), Ecological Engineering (Elsevier), Environmental Earth Sciences (Springer) Environmental Sciences and Pollution Research (Springer) Plant Science Today (Horizon e-publishing group) and Advanced Journal of Agricultural Research Journal.

**International conferences**

International conference on **Recent Development in Science, Humanities and Management,** 17-18 April, 2018, Amar Singh College (Cluster University) Srinagar, India.

International Conference on **Climate Change, Forest Resources and Environment**, 9-11 December 2011, Thiruvanathapuram, Kerala, India.

**National conference**

1. National conference on **Climate Change, Societal Conquences and Mitigation: Future mission, 26-27 April 2018,** Department of Environmental Sciences, Central University of Jammu, India.

**National Seminar attended**

1. National Seminar on **Biodiversity and Climate Change- Challenges and Prospects, 26th October 2017**, Department of Environmental Sciences, Govt. Sheikh-ul-Alam Memorial Degree College, Budgam (J&K).
2. National Seminar on **Vermitechnology, Use of Biofertilizers and Solid Waste Recycling for Sustainable Rural Development**, 23-24 March, 2011, Department of Biology, Gandhigram University.
3. Seminar on **Nature Conservation in Jammu and Kashmir**, 5 June 2003, Department of Environmental Sciences and Centre of Reasearch for Development, University of Kashmir.
4. National Seminar on **Recent Research Trends in Life Sciences**, 26-28 August, 2002, Centre of Reasearch for Development, University of Kashmir.

**Workshops attended**

1. National Workshop on **Disaster Resilience of Kashmir, in the face of Climate Change, 13-15 November 2017**, Department of Environmental Sciences, Abdul Ahad Azad Memorial Degree College, Bemina, Srinagar (J&K).
2. **Science Academics Lecture Workshop on Himalayan Biodiversity and Bioresources: Mapping, Utilization and Conservation,** 08-10 May 2014, Department of Botany, University of Kashmir.
3. Workshop on **Disaster Management,** 27-01-2014 to 01-02-2014, UGC-Academic Staff College, University of Kashmir.
4. Workshop on **Waste Water Treatment, Effluent Management and its Recycling**, 30 March 2013, Department of Chemistry, Gandhi Memorial College.
5. Workshop on **DNA barcoding: Identification of Flora and Fauna**, 22-23 Feburary, 2010, Department of Ecology and Environmental Sciences and Department of Biotechnology, Pondicherry University.
6. Workshop on **Orientation to GIS and Remote Sensing Application**, 11-14 Feburary, 2009, Department of Ecology and Environmental Sciences, Pondicherry University.
7. Workshop on **Disaster Management and Environmental Protection**, 20-21 Feburary, 2009, Department of Ecology and Environmental Sciences and Center for Adult and Continuing Education, Pondicherry University.

**National symposiam**

Symposium on **Frointers in Chemical Sciences (FICS)-2017 a national symposium,** 04-05 November 2017, Department of Chemistry, Govt. Degree College, Sopore (J&K).

**Training programme**

1. **One Week training programme** (01-03-2021 to 07-03-2021) for **NSS Prigramme Officers** of J&K organised by **Empallened Training Institute (ETI)** National Service Scheme (NSS), University of Kashmir, Srinagar and Spnosoed by Ministry of Youth Affairs and Sports, Govt. Of India, New Delhi.
2. **Two days traning programme on Disaster Prepardness,** 23-24 march 2018, Amar Singh College (Cluster University of Kashmir), Srinagar.
3. **Four days traning of trainers (TOT) on Climate Change Adapatation,** 30th June -2nd August 2018, by Indian Himalayas Climate Adapation Programme (IHCAPS) and the State Climate Change Cell, J&K under the National Mission for Sustaining the Himalayan Ecosystem (NMSHE).
4. **Two days Training of Trainers (TOT) on HIV/AIDS and Drug De-Addiction,** 7-8 September, J&K State AIDS Control Society in collorbotion with Higher Education Department and Institute of Mental Health and Neurosciences, GMC, Srinagar.
5. **Two days workshop for District Nodal officers (SVEEP) and District Level Mater Trainers (DLMTs)** on 22nd and 23rd October 2019 at R.K Sarovar Portico, Srinagar, organised by Chief Electroal Officer, J&K**.**

**Participations**

* + - 1. Participation in Debate/delibrations/rally on the eve of **International Day Aganist Drug Abuse and Illicit Trafficking 2019 on 26th June 2019 at SKIMS Bemina.** Organised by NSS Unit SKIMS Medical College,Bemina in collaboration with NSS Unit, University of Kashmir.

**Organised**

1. Two Weeks awarness/training on Systematic Voters Education and Electoral Participation (SVEEP) 2019.
2. Organised District Youth Parliament Festival-2019.
3. Organised Swachh Bharat Abiyan Summer Internship Programme-2019.
4. Organised One day seminar on Celebration of International Youth Day-2018.