

Curriculum vitae

Dr. Nissar Ahmad Wani

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

Permanent Address

H.No:-36,Green Avenue Ellahibagh,
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Institute Address

Department of Bioresources (Botany)
Faculty of Biological Sciences
University of Kashmir .Srinagar, India-190006

Personal Details

Date of Birth: 15th April, 1980
Sex/Marital Status: Male/ Married
Nationality: Indian
Religion: Islam
Languages known: English, Urdu, Hindi and Kashmiri
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Educational Qualification:-

Ph.D. (2009)

School of Biological Science

1. University of Kashmir, Srinagar and
2. Department of Immunology and Molecular Medicine

Thesis title Airborne Pollen and their Impact on Human Health.

Supervisor Prof. A. H Munshi,
Ex. Head, Department of Aerobiology (Plant Science),
University of Kashmir, Srinagar.

Co-supervisor Prof. Zaffar Amin Shah,
Head, Department of Immunology and Molecular Medicine,
S. K. Institute of Medical Sciences, Srinagar, India-190006

M.Sc. Botany (2004) : Faculty of Life Sciences, University of Bhopal, Madhya Pradesh

B.Sc.(2001): Amar Singh College Affiliated to University of Kashmir,Srinagar.

B.Ed (2012): University of Kashmir, Srinagar

Certificate course (2009): Department of Space, Govt. of India, New Delhi.
(Remote Sensing)

Higher Secondary (1997): J&K State Board of School Education, Srinagar, Kashmir.

Secondary School (1995): J&K State Board of School Education, Srinagar, Kashmir.

Positions Held

Designation	Assignments
Assistant Professor (Jan 2009- Till date) <u>13 years</u>	Working in the Department of Bioresources, School of Biological Sciences, University of Kashmir, Srinagar for teaching Post Graduate students on regular basis.
Research Associate <u>18 months</u>	Worked as Post Ph.D Research Associate in the Allergy Unit of Department of Immunology and Molecular Medicine, SKIMS, Srinagar
Research Assistant <u>01 year</u>	Worked as Research Assistant in the Department of Bioresources, School of Biological Sciences, University of Kashmir, Srinagar for teaching Post Graduate students Bioresources on regular basis.

Courses Taught at University level:-**Semester**

M. Sc
(1st semester)

Courses

1. Biodiversity and Bioresources
2. Plant Resources
3. Algal Resources

M. Sc
(2nd semester)

1. Reproductive Biology
2. Biomedicine and Bioprospecting.
3. Biofertilizers & Biopesticides

M. Sc
(3rd semester)

1. Secondary Metabolites
2. Basic and Applied Immunology

M. Sc
(4th semester)

1. Plant Biotechnology.
2. Project work

Experiences:-

Research

- Five years as Ph. D research scholar, Department of Bioresources, University of Kashmir, Srinagar.
- One year as Research Assistant in the Department of Bioresources, University of Kashmir, Srinagar.
- One year and four months as Research Associate in the Department of Immunology and Molecular Medicine, SKIMS, Srinagar.

Teaching:-

- More than Eleven (13) years in the Department of Bioresources, University of Kashmir for teaching Post Graduate Students of Bioresources on regular basis.

Administrative:-

- Three years of administrative experience in P.G. Programme in Bioresources, University of Kashmir, Srinagar

Supervision:-

- Supervised thirty one (34) students of Post Graduate Students of Bioresources, University of Kashmir, Srinagar during their project assignments.

Awards and achievements:

Fellowships

- Recipient of “**Ph.D Merit scholarship**” during Ph.D programme for three consecutive years from Department of Immunology and Molecular Medicine, SK Institute of Medical Sciences, Srinagar.
- Recipient of “**Post Doc Research Associate fellowship**” for One year and four months from the Department of Immunology and Molecular Medicine, SKIMS, Srinagar.

Research Specializations:

- Immunology
- Biomedicine
- Aeroallergens

Additional Academic Activities:-

- Successfully completed certificate course in **Remote Sensing, Geographical Information System, and Global Positioning System**, through Department of Space, Govt. of India, New Delhi. (2009).
- Specialized training on “**Biodiversity conservation particularly mapping, herbarium, GIS, and also in the area of Biotechnology particularly tissue culture, DNA finger printing, seed biology and bio-fertilizers**” at Institute of Himalayan Bioresources and Technology (IHBT) CSIR laboratory, Palampur, Himachal Pradesh, India. (2009).

Technical expertise

Allergenic Techniques	Identification and Collection of aeroallergens, Preparation of aeroallergen Calendar, Preparation of aeroallergen source slides.
Immunology techniques	ELISA, PCR, Rt PCR, Westrn Blotting, Southern Blotting Northern Blotting, Immunotherapy, Intradermal testing (SPT)
Aerobiology Techniques	Air sampling with different samplers like Rotorod sampler, Burkard sampler, Tilak sampler, Vertical Cylinder Rod sampler.
Computer Skills	MS-DOS, MS-Word, MS-PowerPoint, MS-Excel, Open Office, Adobe Photoshop, Well versed with internet and web surfing

Participation in Conferences and Workshop:-

- 1.** Presented two oral presentations at the 2nd J&K Science Congress the 8th, at University of Kashmir, Srinagar. India, in collaboration with J&K state DST and DST New Delhi, from 25th to 27th July 2006.
- 2.** Presented an oral presentation at the 14th National Conference on Aerobiology, organized by School of Studies in Biotechnology, Pt. Ravishankar Shukhla University Raipur, Chhattisgarh, India from 15th to 17th January 2007. Abstract published in Indian Journal of Aerobiology, 2006, 19(1), 89.
- 3.** Presented an oral presentation at the 3rd J&K Science Congress, at University of Jammu.India, from 26th to 28th February, 2007.
- 4.** Presented two oral presentations at the 4th J&K Science Congress, at University of Kashmir, Srinagar. India, in collaboration with J&K state DST and DST New Delhi, from 12th to 14th November 2008.
- 5.** Presented an oral presentation at the 5th J&K Science Congress, at University of Kashmir .India, from 26th to 28th February, 2009.
- 6.** Presented an oral presentations at the 6th J&K Science Congress, at University of Kashmir, Srinagar. India, in collaboration with J&K state DST and DST New Delhi, from 2nd to 4th December 2010.
- 7.** Attended workshop at Institute of Himalayan Bioresources and Technology (IHBT) CSIR lab, Palampur Himachal Pradesh, India from 13th- 20th February, 2009.
- 8.** Presented an oral presentation at National Conference on Biodiversity: Present Status and Future Challenges at University of Kashmir, Srinagar from 26th-28th March 2009.
- 9.** Presented an oral presentations at the 8th J&K Science Congress, at University of Kashmir, Srinagar. India, in collaboration with J&K state DST and DST New Delhi, from 17th to 19th November 2012.
- 10.** Presented an oral presentation at the 9th J&K Science Congress, at University of Kashmir .India, from 26th to 28th February, 2014.
- 11.** Presented an oral presentation at the 9th J&K Science Congress, at University of Kashmir. India, from 1st to 3 October 2013.

12. Presented an oral presentation at the National Conference on Status and Conservation of Biodiversity in India with special reference to Himalaya, organized by CORD, Department of Botany. University of Kashmir, Srinagar from 4th-5th March 2013.
13. Attended workshop Plant Taxonomy: practices and Practices, at Department of Botany, University of Kashmir, India from 27th- 29th March, 2017.
14. Attended author workshop on Scholarly Writing and Intellectual Ethics jointly organized by Elsevier and University of Kashmir on 25th October 2017.
15. Presented an oral presentation at 7th Annual Conference of Indian Academy of Biomedical Sciences, An International Conference at SKIMS, Srinagar from 20th-22th April 2018.

Book published:

1. **“Airborne pollen allergy”: Impact on human health**
Authors:- Nisar A.Wani and Zaffar Amin (Year-2012)
ISBN: 978-3-8484-3206-6, AUTHOR, INTERNATIONAL.

Publications:-

- 1. Nisar A Wani** , A.H. Munshi., and Zaffar A Shah, Roohi Rasool, Specific Immunoglobulin E (IgE) and Skin Prick Test (SPT) responses against battery of pollen antigens in allergic subjects of Kashmir -India. *African Journal of Basic and Applied Sciences.*, 2010, 2 (1-2):30-32.
ISSN 2079-2034, Sole author, Indexed, International.
- 2. Nisar A Wani** , A.H. Munshi., and Zaffar A Shah, Roohi Rasool, Evaluation of pollen allergies in patients with asthma, allergic rhinitis in Kupwara District of Jammu and Kashmir state *E. International Scientific Research Journl*, 2010. 2:146-148.
ISSN 2094-1749, Sole author, Indexed, International.
- 3. Nisar A Wani** , A.H. Munshi., and Zaffar A Shah, Roohi Rasool, Determination of total and specific IgE responses in allergic subjects of Kashmir Valley. *World Allergy Organization Journal (official publication of the World Allergy Organization, published by Lippincott Williams & Wilkins, USA)*, 2007, 2:9-12,
ISSN:1939-4551, Sole author, Indexed, International.
- 4. Nisar A Wani** , A.H. Munshi., and Zaffar A Shah, and Mahrukh Hameed, Prevalence of aero- allergenic pollen at Kupwara-India *.Journal of Clinical Immunology and Immunopathology Research. Sep.2011, Vol.3(3) 25-30*
ISSN 2141-2219, Sole author, Indexed, International.
- 5. Nisar A Wani** , Zaffar A Shah A.H. Munshi., and Mahrukh Hameed. Specific immunoglobulin-E to fractions of Cynodon dactylon pollen in *in-vitro*.diagnostic test in Kashmir Himayala-India. *Journal of Infectious and Immunity*.Nov.2011, Vol3 (14) 244:246,
ISSN 2141-2375, Sole author, Indexed, International.
- 6. Bilal Ahmad Wani and Nisar A Wani** , Weed flora infesting saffron (*Crocus sativus*) fields of Pampore, Kashmir, *Reports and Opinion, Scientific Publication. Journal*, 2011, 3(1), 61-64.
ISSN: 2375-7205. Co-author, Indexed, International.
- 7. Nisar A Wani**, Mahrukh Hameed and Zaffar A Shah, Different types of Aero-allergens causing nasobronchial allergy in District Kupwara of Jammu and Kashmir state –India. *Journal of Public Health and Epidemiology.*, Feb.2012, vol.4 (2) 101-104.
ISSN 2141-2316, Sole author, Indexed, International.
- 8. Roohi Rasool, Irfan Ali Shera, Nisar A Wani** , ZAffar A Shah, NIyaz Nayak, Mshtaq Siddiqi, Aga Syed Sameer, Role of skin prick test in allergic disorders: A prospective study in Kashmiri population in light of review. *Indian Journal of Dermatology*. 2013, 58(1).
ISSN: 0019-5154, Joint-author, Indexed, National.

- 9. Nisar A Wani** , Mahrukh Hameed and Zaffar A Shah, Pollen calendar of allergenic grasses in Kupwara district of Kashmir valley,*Journal of Health, Safety and Environment*, (2013)1(6),112-116.

ISSN 2345-2838, Co-author, Indexed, International.

- 10.** Ghulam Hassan, Surya Kant, Ved Prakash, Ajay Kumar Verma, S. Saheer, Abhijeet Singh, Arpita Singh, Naredra Nath Jena, **Nisar A. Wani**, Allergen immunotherapy: Basic concepts, *Indian Journal of Allergy, Asthma and Immunology*, Jan-Jun 2013, Volume 27.

ISSN: 0972-6691, Joint-author, Indexed, National.

- 11.** Mahrukh Hameed, Syed Mudassar, Mosin. S. Khan and **Nissar A Wani**. Assessment of acid base and electrolyte status in patients with Chronic Kidney Diseases. *Journal of Medical Sciences*.2014. Vol.16, No.2,

ISSN: 0972-110X, Joint-author, Indexed, National

- 12.** Manzoor A Wani, Sheraz A Lone, Bashir A Lone, Ishtiaq A Mayer, **Nisar Ahmad Wani**, Geo Environmental Etiology of allergic disorders and its impact on human health in soprore of J&K State-India, *International journal of current research Review*, Vol.9, Issue.16, August 2007.

ISSN: 0975-5241, Joint-author, Indexed, International

- 13. Nissar A Wani**, Zaffar A Shah and Mahrukh Hameed, A study of the prevalence of fungal, pollen and dust allergens by intradermal skin test in nasobronchial allergenic patients *African Journal of Internal Medicine* ISSN 2326-7283 Vol. 6 (1), pp. 468-471, February, 2018

- 14. Nissar A Wani**, Mahrukh Hameed and Zaffar A Shah. Chronic effects of different occupational exposure on respiratory system in carpet workers: A Clinical and Immunological based study. *Journal of Pulmonology and Respiratory Diseases (jprd)*

Membership:

- a) Member, Board of Studies in Post Graduate Course in Bioresources (BOSPG).
- b) Member, Board of Studies in under Graduate Course in Bioresources (BOSUG).
- c) Member, World Allergy Organization (WAO).
- d) Member, Indian Aerobiological Society (IAS).
- e) Member, International Association for Aerobiology (IAA).

References:-

- 1. Prof. Zaffar Amin Shah**
Head, Department of Immunology and Molecular Medicine
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- 2. Prof. Inayatullah Tahir**
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- 3. Prof. Roohi Rasool**
Department of Immunology and Molecular Medicine
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- 4. Prof. Khalid Fazili**
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Dated:- 30-01-2022

Dr. Nissar Ahmad Wani