

Dr. Anju Koul

Designation: Assistant Professor (Selection grade)
Area of specialization: Mycology, Mycotoxicology (Ph. D.) and Economic Botany (M. Sc.)
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Highest qualification: Ph.D. Degree in Botany

Awards and Achievements

1. Paper presented in Annual Botanical conference organized by Indian Botanical Society was adjudged the **best paper** for the award of **certificate of Merit** during Indian Botanical Congress (2007) held at Jivaji University, Gwalior, M. P.
2. **Certificate of Merit** in symposium for paper presentation in Symposium organized by Indian Soc. of Mycol. and Pathology at University of Jammu (2005).
3. **Third prize** in UGC sponsored National seminar on New Vistas in Plant and Microbial Sciences, Department of Botany, University of Jammu for paper presentation. (2016).

Workshops, Seminars, Symposia and Conferences attended

1. **Presented paper** in 25th Annual Conference held at Department of Plant Pathology, ARS Durgapur, Jaipur, Rajasthan, on 08-10-2003.
2. **Presented paper** in North Zone Meet and Symposium on Challenging problems in Mycology and Plant Pathology, Department of Botany, University of Jammu, on 2nd-3rd, May, 2005.
3. **Presented paper** in Annual Botanical Conference held on 28th-30th Nov., 2007, at Jivaji University,
4. **Presented paper** in 5th JK Science congress from 8th -10th February, 2010 at University of Jammu.
5. **Presented paper** in One day conference Under the Auspices of The Indian Science Congress Association (ISC held on 11th Feb., 2012 at GCW, Parade Ground, Jammu.
6. Participated in UGC sponsored International Conference on Global Warming held at Govt, Degree College Boys Udampur, J&K from 24th-26th Feb., 2012.
7. Participated in UGC sponsored National Symposium on Interdisciplinary Sciences at G. G. M. Science College, Jammu, J&K from 2nd -3rd Mar 2012.
8. Attended two days National workshop on Bryology organized by the Department of Botany, University of Jammu from 23rd-24th Feb., 2013.
9. Attended North Zone Workshop on Fostering Scientific Temperament and Explaining Natural Phenomena So called Miracles through Inquiry Base Method. Organised by Vigyan Prasar, Noida (Department, of Science and Technology, Govt. of India). W.e.f. 28 April to 1st May, 2014 at Govt. Women College, Parade, Jammu (J&K).
10. Participated in 101th Indian Science Congress held at University of Jammu from 3rd to 7th Feb., 2014.
11. Participated in 7th JK Science congress from 13th -15th October, 2011 at University of Jammu.
12. Attended one day conference organized by Govt. College for women, Parade Ground, Jammu and J&K State council for Science and Technology, Department of Science and Technology, J&K Govt. on 5th Feb., 2013 at Govt. Women College, Parade, Jammu (J&K).
13. **Presented paper** in National Seminar- on Biodiversity: Sustainable Development and Conservation under UGC SAP programme and DST PURSE, GOI from 6th -8th Marc., 2014, at Department of Zoology, University of Jammu.

14. **Presented paper** in National Seminar on New Vistas in Plant and Microbial Sciences, organized by University of Jammu, under UGC special Assistance Programme from 11th - 12th March, 2016.

15. **Presented paper** in 4th J&K Women Science Congress held at GCW, Gandhi Nagar from 1st to 3rd September, 2016.

16. **Presented paper** in National Conference on Fungal Biology: Recent trends and Future Prospects (44th Annual Meet of Mycological Society of India) on 16th to 18th Nov., 2017 held at Department of Botany, university of Jammu.

17. Participated in One day National seminar on Recent Advances in Material Sciences on 15th Feb., 2019 organised by Department of Physics and Electronics, Govt. College for Women, Parade Ground, Jammu. Participated in One day National seminar on Recent Advances in Material Sciences on 15th Feb., 2019 organised by Department of Physics and Electronics, Govt. College for Women, Parade Ground, Jammu.

18. Participated in One day workshop on “Start Ups and Incubation” on 23rd April 2019 organised by Department of Govt. College for Women, Parade Ground, Jammu in collaboration with KPMG .

19. **Presented paper(Poster)** in UGC-SAP sponsored “Two-day National Seminar “organized by Department of Botany, university of Jammu (8th Feb. 2020).

20. **Presented paper (Oral)** in International Web Conference on Science, Engineering and Technology IWCSET-2020 from May 15-16 2020 organised by Society for technologically advanced Materials of India.

21. Participated in National Webinar on Crosstalk between Ethnobotany and Immunology: A fight against COVID 19. organized by Department of Botany and Physiology in Association with IQAC, PRABHAT KUMAR COLLEGE, CONTAI, WEST BENGAL ON June 05, 2020.

22. Attended International web conference on “Invest in our Planet” in April, 2022 organized by PG, College Rajouri.

23. Attended one day international e-conference on “Biological diversity” organized by PG, College Rajouri in May, 2023.

24. **Presented paper** in two-day international conference on Ethnobotany, organized by Govt. Degree college Billawar in November, 2022.

25. **Presented paper** in two-day international conference on Science for Survival, organized by Govt. Degree college for Women, Udampur, in February, 2023.

26. Attended three Day National workshops on NAAC organized by GDC, Kishtwar in July, 2023.

27. Participated in Ip Awareness/ Training program under National Intellectual property Awareness Mission on March, 2023.

As Resource person

1. Delivered lecture as resource person in Seminar cum Awareness Program on “**Diversity Conservation cum livelihood Securities through Important Himalayan Medicinal Plants**” organized by **Regional cum Facilitation center Northern region II NBPR, Ministry of Ayush GOI.**

Organizing committee member in National Level/ State level Events

1. Participated as organizing committee member in organizing, One day workshop on “Intellectual Property Rights” organized by Govt. College for women, Parade Ground, Jammu on 23rd April 2018.

2. Participated as organizing committee member in organizing Three day National workshop on “Research Methodology” organized by Govt. College for women, Parade Ground, Co-sponsored by UGC from 30th Jan to 1st Feb., 2018.
3. Participated as organizing committee member in organizing, Two day National Seminar on “Inculcating Scientific Temperament Among the young minds” organized by Govt. College for women, Parade Ground, Jammu on 27th and 28th March, 2019.
4. Acted as organizing committee member for “One day Conference on Patents and IPRs” held at MAM college.

Research Publications:

1. Detection of Zearalenone, Zearalenol and Deoxynivalenol from medicinally important dried rhizomes and root tubers (African journal of Biotechnology, Vol. 7(22), pp4136-42139, 2008. ISSN: 1684-5315.

RG Journal Impact: 0.44

Global Impact factor (2015): 0.657

2. Detection of Aflatoxins B1 and B2 from medicinally important dried rhizomes (Journal of Mycology and plant pathology (Vol 38, No 3, 2008).

ISSN: 0971-9393

3. Incidence of aflatoxins and Ochratoxin-A in dried root tubers of Indian Kundzu, *Pureria tuberosa* (Roxb. Ex Willd.) DC. Proc. Nat. Acad. Sci., India. Sect. b, Vol 79 Pt. I, 2009.

ISSN: 0369-8211

RG journal Impact factor (2015): 0.67

4. Contamination of medicinally important dried rhizomes and root tubers with fungi and their toxins. (Indian Phytopathologia, 63(1):55-58, 2010).

ISSN: 0367-973x

5. Mycotoxicity associated with dried medicinal plants in storage-A potential threat to consumers. Rev. Plant Pathol. Vol. 5, 2012.

ISBN: 81-7233-432-x

ISSN: 0972-9712

6. Detection of mycoflora and Nephrotoxic mycotoxin Ochratoxin A (OTA) from Kidney curative rhizomes of *Bergenia ciliata*(How.)Sternb., Periodic Research, Vol. III, issue- II, November-2014.

ISSN: 2241-0045

SJIF: (2016) 6.21

7. Preliminary Survey of Sedge and Grass flora of GCW, Gandhi Nagar, College Campus, Jammu, J&K and their Ethno Botanical Uses. Periodic research. Vol. 9, Issue-4, May-2021. P ISSN No. 2231-0045. E ISSN No. 2349-9435.
8. Comprehensive review of Nickel biogeochemistry, bioavailability and health risks in the environment. Land Degradation and Development, Vol. 34:4141-4156, 2023. wileyonlinelibrary.com/journal/ldr

Books Published:

- 1) **Characteristics and Systematics of Seed Plants.** Published by S. Dinesh and Co.
I.S.B.N. No. 978-93-87659-21-6.
- 2) **Practical Botany: Cell Biology and Genetics.** Published by S. Vinesh and Co.
I.S.B.N. No.:978-93-89800-75-3.
- 3) **Practical Botany: Cell and Molecular Biology, Diversity of Microbes, Algae, Bryophytes and Pteridophytes.** Published by S. Vinesh and Co.
I.S.B.N. No.:978-81-962699-4-4