
CURRICULUM VITAE

Irfana Nabi Kangroo

Centre of Research for Development, C.O.R.D, University of Kashmir,

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Academic Qualifications:

- M.Sc., Bio-Resources, P.G. Department of Botany, University of Kashmir, J & K, UT, India
- B. Sc., Govt. Degree College for Women, Nawakadal, Srinagar, J&K.
- Bachelor of Education, B.Ed. Rizwan Memorial College of Education, Nawabazar, Srinagar.
- Computer course completed from Euroasia information Technology India Pvt. Ltd. Srinagar.

M. Sc. thesis title:

- Medicinal values and potential use of *Artemisia annua* in the Srinagar district of Kashmir Valley

Supervisor:

- Prof. Arshad Ahmad Nawchoo, Department of Botany, University of Kashmir

Experience:

• Professional Experience:

More than **20** years' working Experience as Junior Technical Assistant in the Centre of Research for Development, C.O.R.D, University of Kashmir.

Laboratory Experience:

- **Centre of Research for Development, C.O.R.D., University of Kashmir**

Working experience of JTA, in the different laboratories in running and handling the different equipment's and assistance to Scholars and students during the conduct of experiments and Research related work in the C.O.R.D viz.,

1. Terrestrial Ecology Lab.
2. Aquatic Ecology Lab.
3. Cytogenetic and Molecular Biology lab.
4. Parasitology lab
5. Microbiology Lab.

- **Department of Biochemistry, University of Kashmir**

Working experience of JTA, in the different laboratories in Department of Biochemistry viz.,

- Post graduate. P .G. students lab.
- Department Instrumentation lab.

Professional Experience:

More than 20 years' working Experience as Junior Technical Assistant in the Centre of Research for Development, C.O.R.D, University of Kashmir.

Computer Knowledge:

- Knowledge of computer MS-Word, MS-Excel, Power Point etc.

Field of Specialization:

- Medicinal Plants, Climate Change, Biodiversity Conservation, , Plant Phenology, Soil Science, and Teaching Experience:

Extension Work Activities:

- All India 20 days tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2007.
- 10 days Ladakh tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2008.
- 10 days Ladakh tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2015.
- All India 20 days tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2013.
- All India 20 days tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2015.
- 10 days Ladakh tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2017.
- All India 20 days tour with P.G. students of Department of Environmental Sciences, University of Kashmir in 2018.

➤ **Associated with different Seminars and Symposium organized by C.O.R.D and P.G. Department of Environmental Science during 2003-2018.**

- Member of different organizing committees of National Seminars, Symposiums and World Environment Day from 2003 to 2018.

Membership of Organizations (present & past):

- International Society for Agricultural Meteorology (INSAM).
- World Wild Fund for Nature, WWF, India.
- Centre of Science for Environment, New Delhi.

Membership to Scientific Journals:

- Membership of Indian Association of Soil and Water Conservationists Dehradun, India for the Journal "*Soil and Water Conservation*."
- Membership for the Journal "*Down to Earth*" published by Centre of Science for Environment, New Delhi.

Training Courses Participated/Attended:

- Participated and attended in three days training workshop on "Wildlife Forensics and Metagenomics" from 5th December to 7th December 2023, organized by the Centre of Research for Development, C.O.R.D. University of Kashmir
- Participated and attended 44th Cell Biology Conference & International Symposium on Molecular and Cellular Insights of Human Diseases" from 2-3, September, 2023. Organized by the department of Biochemistry, University of Kashmir.

Workshop Courses & Symposium Participated/Attended:

- Participated in Ten Days online National Workshop on "**Underutilized Plant Species: Future Smart Crops for Food, Nutritional Security and Income Generation**" 20th August to 29th August 2020.organised by NAHEP (IDP SKUAST-Kashmir), AICRP-Vegetable Crops, Division of Vegetable Science, SKUAST-K.

- Science Academics' Lecture Workshop " *Himalayan Biodiversity and Bioresources: mapping, Utilization and Conservation*." Organized by Department of Botany, University of Kashmir, **8th to 10th May, 2013** and jointly sponsored by Indian Academy of Sciences(Bangalore), Indian National Science Academy (New Delhi) and National Academy of Sciences Allahabad.

Faculty Development Programme (FDP):

- Participated in one week faculty on " *Artificial Intelligence, Machine Learning & Applications*" from **25th July to 29th July - 2022**. organized by Department of Electronics and Telecommunication Engineering, Bharat Ratna Indira Gandhi College of Engineering, Solapur, Maharashtra.
- Participated in one week Faculty Development programme on " *Recent trends in Electrical, Electronic and Telecommunication Engineering*" from **August 16th to August 22nd**. Organized by Department of Electrical, Electronic and Telecommunication, Fabtech Technical Campus CQER, Sangola. in collaboration with DBATU Lonere.
- Successfully completed 3 days National level online FDP programme on " *The ABC of Accreditations (NAAC)* " organized by Association M. Professionals in coloboration with Maulana Azad University, Jodhpur. **28th September to 30th September, 2023**.
- Successfully completed 5 days online FDP on Round 2- " *NAAC accreditation- Way forward to quality education* "organized by Association M. Professionals in collaboration with AMU Center, Mallappuram, Kerala. **December 11th to December 15th, 2023**.
- Successfully completed 5 days National level online Training Programme/FDP, organized by M. Professionals collaboration with Maulana Azad University, Jodhpur. **2nd October to 6th October, 2023**.
- Participated in 5- days National level FDP (online) on " *Application of Geoinformatics and Remote sensing in Engineering and Technology*". **19th to 23rd September, 2022**. Organized by Dept. of Civil Engineering, Bharat Ratna Indira Ghandi College of Engineering, Solapur, Maharashtra.
- Attended **one Week** National level online FDP on " *Python Programming and its Applications*" from **8th to 12th May;2023**. Organized by Electronics and telecommunication and Biomedical Engineering, Bharat Ratna Indira Ghandi College of Engineering, Solapur, Maharashtra.

Papers presented in Conferences, Seminars:

- Participated in the National Symposium on " *Seven Billion Dreams. One planet. Consume with care*" on **5th June 2015** organized by Centre of Research for development & Department of Environmental Sciences. In collaboration with Department of Dean Students Welfare, University of Kashmir.
- Participated and paper presented on the title " Endemic threatened medicinal plants and their conservation in the I day seminar on " *Threatened Biodiversity of Kashmir Himalaya: Causes, Conquesnces and Conservation*".
- National Seminar on " *Status and Conservation of Biodiversity in India with Special Reference to Himalaya*". Centre of Research for Development/ P. G. Department of Environmental Sciences, University of Kashmir.. **4th-5th October, 2013**.

- Paper presented in the National Seminar titled "***Impact of Biotic Stress on Malva neglecta at three High Altitude Rangelands of Kashmir Valley, J & K***". Biodiversity and climate Change: Challenges and Prospects, 26th October 2017. Department of Environmental Science, Govt. SAM Degree College Budgam.

Seminars/Conferences and Science Congress participated/Attended:

- Participated in the International Conference on "***Impact of Climate Change on Socio-Economics and Ecological Transformation in Himalayan Region, 21-22 September, 2023***". Organized by Mahima Resaerch Foundation and Social Welfare, Collaboration with Division of Environmental Sciences, Faculty of Horticulture, SKUAST-Kashmir, Shalimar, Srinagar, J & K UT.
- National conference on "***State-of the Art on Conservation of Biodiversity in India with particular reference to Himalaya***". 2004. Centre of Research for Development/ P. G. Department of Environmental Sciences, University of Kashmir, National.
- National Seminar on "***Recent Research Trends in Life Sciences. J & K Academy of Sciences***". 2002. Centre of Research for Development, CORD, University of Kashmir.
- **National conference on "*Status and Conservation of Biodiversity in India with Special Reference to Himalaya*". 2002.** Centre of Research for Development/ P. G. Department of Environmental Sciences, University of Kashmir.
- 11th JK Science congress, 2015 "***Scientific, Social & Economic Dimensions of Climate Change***". University of Kashmir. **October, 12-14. Organized by University of Kashmir, sponsored by J & K State Science,**
- **National conference on "*Status and Conservation of Biodiversity in India with Special Reference to Himalaya*". 2013** Centre of Research for Development/ P. G. Department of Environmental Sciences, University of Kashmir.
- **3rd Jammu and Kashmir Agricultural Science Congress on "*Organic Agriculture Prospects in Jammu & Kashmir*"** . SKUAST-K, 12-14, 2014. Organized by SKUAST-K.
- Biodiversity and climate Change: Challenges and Prospects, 26th October 2017. Department of Environmental Science, Govt.SAM Degree College Budgam. National. 2017.
- Attended International Webinar on "***Bioresources for Bioeconomy and Human Health***". Deptt. of Zoology, Udai Pratap College, Varanasi. 26-06-2020.
- National Webinar series on "***Forest, Wildlife and Environment Issues***". 2020. Department of Forestry and Environmental Sciences, Manipur University Imphal India.
- National online Quiz Series on "***Environmental Awareness***" 21st June, 2020. Organized by Eco-Club and Department of Chemistry under strengthening component of DST Star College Scheme S. S. Khanna Girls Degree College, Prayagraj. National.

Publications:

Research Articles

- Irfana N. Kangroo Aand G.A. Bhat. 2005. An analysis of Surface Stratum soil of the Landscape of Kashmir University Campus. *Journal of Resaerch and Development*, Vol. 5. 21-29
- S. A. Shameem and Irfana N. Kangroo. Comparative assessment of edaphic features and phytodiversity in lower Dachigam National Park, Kashmir Himalaya, India. 2011. *African Journal of Environmental Science and Technology*. 5(11): 972-984. **(NAAS, 7.38)**.
- A. Shameem, N. Irfana Kangroo and G. A. Bhat. Comparative assessment of edaphic features and herbaceous diversity in lower Dachigam national park, Kashmir, Himalaya. 2011. *Journal of Ecology and the Natural Environment* . 3(6):196-204. **(NAAS, 7.38)**.
- S. A. Shameem, Irfan Ahmad Mir, Irfana Nabi Kangroo and Shams-ud-Tak. Impact of Grazing Intensity on Phytodiversity of Herbaceous Vegetation at High Altitude Pasturelands of Gulmarg Range, Kashmir Valley (J & K). 2017. *International Journal of Pure & Applied Biosciences*. 5(2):1025-1041. **(NAAS, 4.74)**.
- S. A. Shameem, Jawaid Anwar lone, Naseer Ahmad, Jalal Ud-din Najar, and Irfana Nabi Kangroo. Determination of Anionic Surfactants Concentration (MBASs) In Street Dust Around Srinagar City, Kashmir Valley, Jammu & Kashmir. *Environmental Engineering and Management Journal*. Accepted, May 2020. (NAAS Rating, **7.19**).