**My resume**

**ZAFAR SHAHDAD KHAN**

Sr. Assistant Professor Botany

Department of Higher Education,

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**Parentage : Mohmad Rafique Khan**

**Academic qualification** : M. Sc. (Botany); M. Phil. (Plant Taxonomy)

**Area of Specialization** : Plant Taxonomy and Biodiversity

**Date of birth** : 30-03-1974

**Nationality** : Indian

Mobile : +917006763532; +919419438080

**Academic Record**

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| **A** | **Class** | **Year** | **Board/****University** | **Marks Obtained** | **Percentage (%)** | **Subjects** |
| Matric | 1990 | BOSE | 396 | 50 | Science |
| B.Sc. | 1997 | K.U | 951 | 53 | Science |
| M. Sc | 1999 | K.U | 726 | 60 | Botany |

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| **B** | M. Phil | 2003 | K.U | “**A**” Grade | Floristic Studies in Phanerogams of Bijhama Uri and its adjacent areas |

**Achievements**

**Research and teaching experience:**

1. Five (05) years research and teaching experience at PG Department of Botany, university of Kashmir.
2. Fifteen **(18)** years teaching experience in Higher Education Department.
3. Research fellow in the **Environmental Impact Assessment (EIA) and Environmental** **management programme (EMP)** (**Floristics Part**)of :

a) Uri-II-HEP Project, Uri, Baramulla (NHPC)

b) Nimu-Bazgo-HEP-Project, Ladakh (NHPC);

c) Mughal Road from Shopian to Poonch (J&K State Govt.)

d) Lassipora Industrial Estate (J & K State); and

e) National Highway-IA (NHAI). Banihal to Qazigund

**Research** **Projects (**02)

1. UGC Sponsored Minor Research Project on “Exploration of Medicinal Plants of lower Jhelum Valley, Kashmir Himalaya”. (under going)
2. UGC Sponsored Minor Research Project on ‘Status of Alien invasion in Ramsar Sites of Kashmir’ (under going)

**List of Publications**

**Books(01)**

1. G. H. Dar & **Z. S. Khan.** 2007. Kashmir University Botanical Garden (KUBG): a profile. Centre of Plant Taxonomy, University of Kashmir, Srinagar, India. Crown Printers Srinagar

**Book Chapter (04)**

1. Malik, A.H., Khuroo, A.A., Dar, G.H., **Khan, Z.S. (2020).** An Annotated Inventory of Arboreal Flora in Jammu and Kashmir State. In: Dar, G., Khuroo, A. (eds) Biodiversity of the Himalaya: Jammu and Kashmir State. Topics in Biodiversity and Conservation, vol 18. Springer, Singapore. <https://doi.org/10.1007/978-981-32-9174-4_22> (Published: 27 February 2020; Publisher Name Springer, Singapore; Print ISBN 978-981-32-9173-7; Online ISBN978-981-32-9174-4)
2. **Khan Z.S**, A.A Khuroo and G.H Dar. 2005. Medicinal Plants of Uri, Kashmir Himalaya: An Ethnobotanical Prespective. In *trends* *in Biodiversity & Aquaculture*. (eds. A. Wanganeo & R. K. Lenger), p.p.54. 66. Daya Publishing House, Delhi.
3. Khuroo A.A, G.H Dar and **Z.S Khan**. 2005. Species richness of angiosperms in Langate, Kashmir Himalaya. In: *Plant Taxonomy: Advances and Relevance* (eds. A.K. Pandey, Jun Wen & J. V. V. Dogra) p.p. 217-221. CBS Publishers and Distributors, New Delhi
4. **Khan Z.S,** A.A Khuroo, G. H. Dar and A.R Naqshi. 2005. Vegetational profile along varied spatial habitats in Uri, Kashmir Himalaya. In: *Plant Taxonomy: Advances and Relevance* (eds. A.K. Pandey, Jun Wen & J. V. V. Dogra), p.p. 171-177. CBS Publishers and Distributors, New Delhi.

**Papers published (12)**

1. Chesfeeda Akhter, Anzar A. Khuroo, G. H. Dar, **Z. S. Khan**, Akhtar, H. Malik. 2011. An updated checklist of orchids in the Indian Himalayan State of Jammu and Kashmir. *Pleione* **5**(1): 1 - 9. 2011. ISSN: 0973-9467
2. Malik, A. H., Khuroo, A. A., Dar, G. H., **Khan, Z. S.** 2011. Ethnomedicinal uses of some plants in the Kashmir Himalaya, India. *Indian Journal of Traditional Knowledge*. Vol. **10**(2), pp. 362-366.
3. Malik, A. H., Khuroo, A. A., Dar, G. H., **Khan, Z. S.** 2010. Woody flora of Jammu and Kashmir State, India A taxonomic overview. *J. Econ. Tax. Bot.*Vol. **34** No. 2 (2010)
4. Khuroo, A. A., Z. Reshi, I. Rashid, G. H. Dar and **Zafar, S. Khan** (2008). Operational characterization of alien invasive flora and its management implications. *Biodiversity and Conservation,* **17**(13):3181-3194.
5. Anzar A. Khuroo, G.H. Dar, **Z.S. Khan,** Akhtar H. Malik (2007). Exploring an inherent interface between taxonomy and biodiversity: Current problems and future challenges. ***Journal for Nature Conservation***, (**15**) 256-261.
6. Dar,G. H., Khuroo, A. A., **Z. S Khan** and A. R. Dar (2007). Medicinal Flora of the Kashmir Himalaya: A Taxonomic Overview**.** *Journal of Himalayan Ecology and Sustainable Development,* **2:** 13-20.
7. Khuroo, A. A.,G. H. Dar, A. H. Malik, A. R. Dar, and **Z.S. Khan.** (2007). Ethno-veterinary medicinal uses of some plant species by the Gujar tribe of the Kashmir Himalaya. ***Asian Journal of Plant Sciences*, 6**(1): 148-152.
8. Khuroo A. A.,G. H. Dar and **Z. S. Khan.** 2005. Vegetation studies in varied spatial habitats of Langate, Kashmir Himalayas, *Ind. Forester* **131** (7):953-958.
9. A. A. Khuroo, G. H. Dar, **Z. S. Khan** & Z. A Reshi, 2005. Observations on *Gentiana kurroo* Royle, a critically Endangered Medicinal Plant from Kashmir Himalaya, India. *Endangered Species Update*. 22 (4) 137-176
10. **Khan Z.S**, A.A Khuroo, and G.H Dar 2004. Ethnomedicinal Survey of Uri, in Kashmir Himalaya. *Ind. J. Trad. Knowl*. **3** (4): 351- 57.
11. Khuroo A.A, G.H Dar, **Z . S Khan** and A.R Naqshi, 2004. Floristic diversity in the Phanerogams of Langate, Kupwara (J &K) *J. Econ. Taxon. Bot.* **28** (3): 532- 44.
12. F. A. Lone**, Z. S. Khan** and Akhlaq H. Geelani, 2002. Phytodiversity of Uri Baramulla, Kashmir, India. *Applied Biological Research* (2002) 4: 23-30.

**b) Papers submitted (01**

1. Plants of Lower Jhelum Valley: An Economic and Ethno-botanical Perspective

2. “Studies on Foliar NPK Content in Olive (*Olea europea* L.) as affected by leaf age and position”.

**(c) Papers in-preparation (05)**

1. **Z.S Khan,** Khuroo A. A., and G.H Dar. *Oenothera biennis* L. - a new report for the Kashmir Himalaya*.*

2. **Z.S Khan,** Dar,G. H. and A. A. Khuroo. An annotated inventory of grasses in the Kashmir Himalaya.

3. **Z.S Khan,** Malik, A. H., A. A. Khuroo, G. H. Dar. Taxonomic diversity of the trees and shrubs in the Kashmir Himalaya.

4. **Khan, Z. S.,** G. H. Dar,A. A. Khurooand A. R. Naqshi. An inventory of the phanerogamic flora of the Bijhama (Uri), Kashmir Himalaya.

5. Dar, G.H., Khuroo, A. A., Nasreen, A. and **Z. S. Khan.**The narrow endemic angiosperms of the Kashmir valley: assessment and conservation

**D**  **Paper presented and abstracts published(06)**

1. **Z. S. Khan,** G. H. Dar & A.A. Khuroo.2012.“Medicinal Flora of Kashmir Himalaya: Diversity, Threats and Conservation.” International Symposium and XXII Annual Conference of IAAT on*“Innovative Prospects in Angiosperm Taxonomy” ISIPAT-*2012 held during 28th to 30th October, 2012 at P.G. Department of Botany, Sant Gadge Baba Amravti University Amravati, Maharashtra, India.
2. Khuroo, A. A., G. H. Dar, Zafar Reshi and **Z. S. Khan.** 2006. Taxonomic deficit: An impediment in the biodiversity information infrastructure. Symposium on *‘National Biodiversity and Ecosystem Information Infrastructure: Challenges and Potentials’*, 30th Jan – 2nd Feb, 2006. National Chemical Laboratory, Pune, India.
3. **Z. S. Khan** and G. H. Dar. 2005. Diversity of Medicinal Plants in Kashmir Himalaya. IAAT Annual Conference 2005, Nagpur University, Nagpur, India.
4. Khuroo A.A, G.H Dar and **Z.S Khan.** 2004. Role of Taxonomy in Biodiversity Studies*.* National Seminar on ‘*State-of-the-Art on Conservation of Biodiversity in India with Particular Reference to Himalaya’*. Centre Of Research and Development (CORD), University of Kashmir, Srinagar, India
5. Khuroo, A. A., G. H. Dar and **Z. S. Khan.** 2003. Vegetation profile of Langate (Kupwara) in the J & K State, India. National Seminar on ‘*Recent Advances in Plant Science Research’*, Department of Botany, University of Kashmir, Srinagar, Kashmir, India**.**
6. **Khan Z.S,** A.A Khuroo, G. H. Dar and A.R Naqshi. 2003. Vegetational profile along varied spatial habitats in Uri Kashmir Himalaya. . Proceedings XIII Annual Conference of IAAT, Bhagalpur University, Bihar, India.

**f) Seminars/ workshops attended (17)**

1. Three Days training Workshop on Basic Techniques in Molecular Biology; organized by Centre of Research for Development (CORD) university of Kashmir, from 21st to 23rd February 2022.
2. One day seminar on Entrepreneurship Development Programme for Women: a step towards their Empowerment; organized by Government Degree college Khansahib on 25th March 2021.
3. Resource person in Botanical Survey of India (BSI), Ministry of Environment, Forest and Climate Change (MOEFCC), Govt. of India sponsored National Training Workshop on *Plant Taxonomy: Principals and Practices*, **from 27th – 29th March 2017,** organized by Centre for Biodiversity and Taxonomy (CBT), University of Kashmir
4. IQAC Coordinators meet: NAAC Accreditation of Kashmir alley Colleges on **23rd March 2017,** organized by Abdul Ahad Azad Memorial Degree College Bemina, Srinagar.
5. Workshop on Reshaping Youth Leadership for 21st Century from **12-16th June 2015** organized by Rajiv Gandhi National Institute of Youth Development.
6. National Symposium on Biodiversity, Biology and Bioprospecting organized by Department of Botany University of Kashmir from **1st -2nd April 2015**
7. Resource person in one week workshop/training programme for laboratory staff organized by IQAC GDC Baramulla from **12th – 19th January 2015**
8. National workshop on ‘*Accreditation Awareness & Institutional Ranking’*, under National Quality Renaissance Imitative (NQRI) of NAAC, organized by Department of Human Resource Management &OB, Central University of Jammu from **5th-6th January 2015.**
9. International Symposium and XXII Annual Conference of IAAT and International Symposium on Innovative Prospects in Angiosperm Taxonomy (ISIPAT – 2012), organized at Department of Botany, Sant Gadge Baba Amravati University, Amravati during **28 – 30 October, 2012**.
10. National seminar on *Advances in Biosciences.* Organized by Amar Singh College Srinagar, J&K. (**12th June, 2012)**
11. 3rd North Zone Students Convension (ANVESHAN-2010) organized by Association of Indian Universities, New Dehli and University of Jammu, held at University of Jammu on **4th - 5th June 2010.**
12. National seminar on *Television and new communication Technologies-the changing paradigm of Education*, organized by Education Multimedia Research Centre (EMMRC) University of Kashmir, Hazratbal Srinagar. **(15th -16th May 2012)**
13. Second J & K Science Congress, University of Kashmir, Srinagar, **(25th – 27th July, 2006).**
14. National Seminar on ‘State-of-the-Art on Conservation of Biodiversity in India with Particular Reference to Himalaya’. (22nd – 24th Mar., 2004) Centre of Research for Development (CORD), University of Kashmir, India.
15. Investing in Nature –India National workshop on ‘I*nformation Managemrnt of Biodiversity (plant genetic) resources in Botanic Gardens of India*. National Botanical Research Institute, Lucknow frm **6th – 9th September 2004.**
16. XIII Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Plant Taxonomy Advances and Relevance. **(14th – 15th Nov., 2003)** T.M. Bhagalpur University, India.
17. National Seminar on ‘*Recent Advances on Plant Sciences Research’* **(12th – 14th Oct. 2003)** University of Kashmir, India.

**g) Orientation/Refresher Courses/ workshops/ winter school Training Programmes**

1. 2-week Faculty Development Program (FDP) on Information Communication Technology and Modern Education the Way forward, organized by Coordination Cell, Higher Education Department, Government of Jammu and Kashmir conducted from 2nd March 2020 to 17th March 2020 at Govt SPRM College of Commerce, Jammu.
2. 21 days National training Course (NTC-2019) on Livelihood Security through sustainable Agriculture, Livestock Husbandry, and Allied Enterprises organized by National Agriculture Development Co-operative Ltd at Govt. Degree College Baramulla, J&K, India from 25-02-2019 to 17-03-2019
3. 7-days UGC-CPE sponsored workshop on Teacher Enrich Program (TEP), held at Govt Degree College Baramulla conducted between 18th May 2018 and 16th October 2018
4. One day orientation workshop on Massive open Online Courses (MOOCs) Development, Organized by Educational Multimedia Research Centre EMMRC, University of Kashmir and Sponsored by UGC-CEC, New Delhi, on 25th September 2018
5. One day IQAC Coordinators meet: NAAC Accreditation of Kashmir Valley Colleges, organized by IQAC, Abdul Ahad Azad Memorial Degree College Bemina, Srinagar on 23rd March 2017
6. 16 days AICTE Sponsored Faculty Development Programme on Carving Human Resource: Approaches and Procedures from 21st December 2015 – 3rd January 2016, organized by School of Business, Faculty of Management, Shri Mata Vaishno Devi University, Jammu.
7. One week training workshop for Laboratory staff organized by IQAC, Govt Degree College Baramulla from 12th – 19th January 2015.
8. Two days National Symposium on Biodiversity, Biology and Bioprospecting, sponsored by SERB, Department of Science and Technology (DST), Government of India, New Dehli, organized by Department of Botany Univrersity of Kashmir from April 1-2, 2015
9. Two days National Workshop on Accreditation awareness and Institutional Ranking, under National Quality Renaissance (NQRI) of NAAC, Organized By Department of Human Resourse Management & OB, Central University of Jammu from 5th -6th January 2015
10. Department of Science and Technology, Government of India, sponsored 21 Days winter school Training Programme for Capacity Building in Geospatial Technologies under NRDMS (DST) Programme from 25th February to 17th March 2014, organized by University of Jammu.
11. 21 Days week UGC Sponsored Refresher Corse from 04-03-2013 to 24-03-2013, organized by Academic Staff College Gujrat University, Hydrabad.
12. Participated and presenter research paper in 3 days International Symposium and XXII Annual Conference of Indian Association of Angiosperm Taxonomy on Innovative Prospects in Angiosperm taxonomy (ISIPAT-2012), organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati from October 28-30 2012
13. Four weeks UGC Sponsored General Orientation Programme from 07-10-2009 to 07-11-2009, organized by Academic Staff College The University of Kashmir Hazratbal Srinagar.

**h) Memberships (04)**

1. International Association of Plant Taxonomy (**IAPT**), Vienna, Austria.
2. Indian Association of Angiosperm Taxonomy (**IAAT**), Calicut, India.
3. Jammu and Kashmir Science Academy (**JAKSA**), Srinagar, India.
4. Chairman, **Srinagar Chapter** of the Eco-Ethics International Union, Khune, Germany.