

BRIEF CV OF PROF. G. H. DAR

Name: PROF. (Dr.) G. H. DAR

Address: *Residential:* Chatterhama, P/O Chatterhama, Hazratbal, Srinagar -190 006, Kashmir.

Official: Fellow, Mahatma Gandhi Chair on Ecology & Environment, Centre for Biodiversity Studies, Baba Ghulam Shah Badshah University, Rajouri- 185 234, Jammu & Kashmir.

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Academic qualifications: M. Sc. (Botany), M. Phil., Ph. D.

Major research foci: Plant Taxonomy/Floristics; Biosystematics; Biodiversity; Ethnobotany.

Teaching experience: 35 years; **Research experience:** 33 years

Research publications: 174 (Books/Profiles 08+ Papers 107 + Abstracts 57 + Brochures 02).

No. of research scholars supervised/supervising: 23 (Ph. D. 10 + M. Phil. 13) + 100 Optional Projects of M.Sc. students.

Recognitions and honors:

- ❖ Awarded the **Prof. Y. D. Tiagi Gold Medal** for the year 2012 by the Indian Association for Angiosperm Taxonomy (IAAT) on 28th October, 2012.
- ❖ Selected to decorate **Mahatma Gandhi Chair on Ecology & Environment** at Baba Ghulam Shah Badshah University, Rajouri by the Ministry of Environment & Forests, Government of India in April 2012.
- ❖ Awarded **Scientist Emeritus Fellowship** by the Botanical Survey of India, MoEF, Govt. of India vide award letter no. BSI – 292/2/2012 – Tech., dated February 02, 2012.
- ❖ Awarded **Scientist Emeritus Fellowship** by the University Grants Commission (UGC), New Delhi vide award letter no. F. F.6-134/10(SA-II) dated March 28, 2011.
- ❖ Awarded **Certificate of Merit (2007-2008)** by the Directorate of Internal Quality Assurance (DIQA), University of Kashmir for being among the best performing teachers of the University.
- ❖ Selected **Fellow of the Indian Association for Angiosperm Taxonomy (FIAT)** in 2006.
- ❖ Recipient of a **Danish Natural Science Council Fellowship** for working as Guest Researcher at the Arboretum of Hørsholm, Denmark during June-September 1993.
- ❖ Recipient of research **Fellowships of UGC and CSIR** during pre-doctoral programmes.

Research collaborations/visits outside India:

- Worked as a guest researcher at the Arboretum of Hørsholm, Denmark in 1993.
- Visited Denmark, Sweden, Austria, England (Oxford and Kew), and Pakistan in connection with research work/conferences.

No. of conferences/seminars/workshops attended: 45.

Membership of academic societies/professional bodies:

- Founder member, the Jammu and Kashmir Academy of Sciences (JAKAS)
- Treasurer, JAKAS (1993-1997)
- Associate Editor, the journal "*Oriental Science*" (1997 to 2011)
- Member, International Association for Plant Taxonomy (IAPT) and the International Organization of Plant Biosystematists (IOPB), Vienna, Austria
- Life member, Indian Association for Angiosperm Taxonomy (IAAT), Calicut (Kerala), India.
- Member, Botanic Gardens Conservation International (**BGCI**).
- Member, Indian Association for Taxonomy (**IAT**), Dehra Dun, India
- Member, the International Society of Plant Morphologists (**ISPM**), Delhi.
- Member, South Asian Network for Taxonomy Capacity Building (**SACNET**), Colombo.
- Member, **DIVERSITAS**, an International Programme on Biodiversity Science, France.
- Member, Nature Conservancy (**IUCN**).

Administrative positions held:

- Head, Department of Botany, University of Kashmir, from 02.11.2007 to 31.01.2010.
- Honorary Director, Centre for Plant Taxonomy, University of Kashmir from Nov 2001.
- Officer Incharge, Kashmir University Botanical Garden from November 2001 to 31.01.2010.
- Nodal Officer, and Chairman Garden Committee, Kashmir University Landscape Development Department.
- Coordinator, DST-assisted programme under 'Fund for Improvement in Science and Technology Infrastructure' (FIST) at the Department of Botany.
- Coordinator and Member Advisory Committee, UGC-sponsored programme for Conservation of Medicinal and Aromatic Plants of Kashmir Himalaya under its 'Special Assistance Programme' (SAP).
- Coordinator, UGC-sponsored programme for Development of e-content modules in Botany for 3-year undergraduate courses at EMMRC, Kashmir University.

Consultancy/expert services provided:

- Member Expert Committee to fix the total importance value (TIV) of plant species in the National-level 'Biodiversity Project' carried out at NRSC, Hyderabad.
- Co-investigator in the DBT-Department of Space (GOI) project on 'Biodiversity Characterization at Landscape Level Using Satellite Remote Sensing and GIS for Jammu & Kashmir State'.
- In Lassipora, Pulwama Industrial Estate Project of the Jammu & Kashmir SIDCO, 2006-

2007.

- For Mughal Road Project of the Jammu & Kashmir State Government, 2005-2006.
- National Highway Authority of India (NHA) Project on Widening of National Highway (North-South Corridor) from Banihal to Qazigund, 2004.
- Consultant on flora for Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) in Uri-II (2002-2003) and Nimu-Bazgo, Leh (2003-2004) Hydroelectric Power Projects of NHPC.

Other significant taxonomy related contributions:

Plant collection (>15,000 plant specimens); Flora of Sind Valley, linking the temperate Kashmir and the cold-desert Ladakh; Taxonomic revisions/monographs (*Juniperus*, *Ephedra*, Malvaceae, Papaveraceae, Fumariaceae, Scrophulariaceae, *Saxifraga*, *Carex*, *Salix*), *Nepeta*, *Ziziphus*, and *Aconitum*), etc.; New taxa (*Dolomiaea baltalensis*, *Ermania kachrooi*, *E. kashmiriana*, *Lepidium virginicum* var. *kashmiricum*, *Veronica biloba* var. *densa*, *Carex hokarsarensis*, *Papaver kachroianum*, *P. pamporicum*, and *Corydalis amarnathiana*); New records for Indian subcontinent (*Malva bucharica*, *Althaea broussonetiifolia*, *Sidalcea neomexicana* subsp. *thurberi*, *Xanthium spinosum*, *Sequoiadendron giganteum*, *Ziziphus jujuba* ssp. *spinosa*, *Carex leporina*); New records for India (*Malva ambigua*, *M. microcarpa*, *M. mohileviensis*, *Salix matsudana*); New records for Jammu & Kashmir State (*Hibiscus micranthus*, *Taxodium distichum*, *Oenothera biennis*, *Gomphocarpus physocarpus*); New records for Kashmir (*Epilobium tetragonum*, *E. tibetanum*, *Chondrilla setulosa*, *Bothriospermum tenellum*, *Scaligeria stewartiana*, *Scrophularia robusta*, etc.); played a pivotal role in the development of the Centre for Biodiversity & Taxonomy (CBT) at Kashmir University and in establishing its Herbarium (KASH, with ca. 01 lac plant specimens); contributed greatly to the augmentation and up-gradation of the Kashmir University Botanical Garden (KUBG), with its high-altitude satellite extension at Gulmarg; contributed significantly to raising public awareness about importance of plants and need to conserve them through regular interaction with media personnel, radio/television talks, public lectures and discussions, etc.; acted as a senior member of the research team working on plant invasion in the Kashmir Himalaya, also as Investigator for a number of taxonomic research projects sponsored by the State and Central Govt. funding agencies.