

**Curriculum Vitae**  
*of*  
***Dr. Shabana Aslam***

**Full Name:** *Shabana Aslam*

**Home Address:** House No. 4, Lane 1, Mount View Colony, Zakura, Srinagar,  
Jammu and Kashmir, India, 190006

**Organization:** Higher Education Department, Government of Jammu & Kashmir

**Present Posting:** Government Degree College, Ganderbal

**Designation:** Assistant Professor, Department of Botany, Government Degree  
College, Ganderbal

**Field of Specialization:** Plant Systematics, Ornamental Plants

**Teaching Experience:** 15 Years

**Date of Appointment in 10+2:** 03-03-2009

**Date of Appointment in HED:** 03-07-2017

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## QUALIFICATION:

<b>Ph.D. in (Botany):</b>	2009.	Department of Botany, University of Kashmir, Srinagar, J&K, India. Title of Thesis: “ <i>Exotic Ornamental Flora of Kashmir Valley</i> ”.
<b>NET (JRF)</b>	2003	Life Sciences, UGC-CSIR, India
<b>M.Sc. in Botany:</b>	2002.	<b>1<sup>st</sup> Division</b> (73.83 %). Department of Botany, University of Kashmir, Srinagar, J&K, India
<b>B.Sc.:</b>	1999.	<b>1<sup>st</sup> Division</b> (61.38 %). Government College for Women, M. A. Road Srinagar
<b>B. Ed:</b>	2012	<b>Distinction</b> (75.8%). University of Kashmir, Srinagar J&K, India.

## AWARDS:

1. Junior Research Fellowship (NET-JRF) CSIR- UGC 2003
2. Senior Research Fellowship (NET-JRF) CSIR- UGC 2006
3. Received *GURUPNISHAD SAMMAN* in the year 2020 from Charles Walter Society for Innovation and Research, Gorakhpur, Uttar Pradesh, India.
4. Awarded SERB-TARE Fellowship 2024 by Department of Science and Technology, Ministry of Science and Technology, Government of India.

## PROFESSIONAL APPOINTMENTS:

- **Lecturer in Botany (Contractual):** Islamia College of Science and Commerce, Hawal, Srinagar for the Academic Session 2002
- **Lecturer in Botany (Permanent):** School Education Department, J&K Government, March 2009 to June 2017
- **Assistant Professor in Botany (Permanent):** Sri Pratap College, Srinagar, Higher Education Department J&K Government, July 2017 to October 2023.
- **Assistant Professor in Botany (Permanent):** Government Degree College Ganderbal, Higher Education Department J&K Government, since October 2023.

## EXTENSION ACTIVITIES

**1. Resource Person since 2009 at EMMRC, University of Kashmir, Srinagar for development e-Contents for CEC-UGC, MHRD, Government of India.**

e-Contents developed on:

1. *Reproduction in Bacteria*
2. *Plasma Membrane: Structure and Functions*
3. *Fungi (Economic Importance)*
4. *Agaricus*
5. *Inflorescence and its Types*
6. *Flowering Plants: Annuals, Biennials and Perennials*
7. *Taxonomy and Diversity of Rutaceae*
8. *Taxonomy and Diversity of Caryophyllaceae*
9. *Taxonomy and Diversity of Apocynaceae*
10. *Physical Properties of Soil: Soil Texture and Soil Structure*
11. *Fruit and its Types*
12. *Lipids: Structure, Types and Functions*
13. *Biological Nitrogen Fixation*
14. *Phytohormone Auxin*
15. *Botany, Cultivation and Processing of Tea*
16. *Medicinal Plants: A General Account*

**2. Resource Person for ETV Programmes on Vyas-the Higher Educational TV Channel for UGC**

Topics include:

1. *Pollination*
2. *Transpiration*
3. *Simple Tissues in Plants*
4. *Complex Tissues in Plants*
5. *Climbing Plants*
6. *Stem and its Modifications*
7. *Root and its Modifications*
8. *Biopesticides*
9. *Biodiversity and its Conservation*

**3. Resource Person DTH Programmes for SWAYAM PRABHA, DTH Channel No.9 (SPANDAN)**

Programme Titles are:

1. *Pollination*
2. *Pollination and its Types*
3. *Agents of Pollination*
4. *Contrivances for Self- and Cross Pollination*
5. *Seed Dispersal*
6. *Apomixis*

### 3. MOOCs Reviewer

1. Reviewer of MOOCs for Under-graduate students, for SWAYAM Platform – hosted by Ministry of Human Resource Development (MHRD), Government of India.

### 4. Faculty Coordinator

1. Faculty Coordinator for the "*MANAV Scientific Reading and Comprehension Self-Assessment Module (for students)*", by **Project MANAV–The Human Atlas Initiative, Department of Biotechnology (DBT), Government of India.**

### 5. Member Technical committee

Expert member, Technical committee, for evaluation of Innovation and entrepreneurship proposals by JK Science Technology and Innovation Council, DST, Government of Jammu and Kashmir.

## AFFILIATIONS:

- **Member** Post-Graduate Board of Studies, Department of Botany, Cluster University Srinagar, since June 2017.
- **Member** Under-graduate Board of Studies, Department of Botany Cluster University, Srinagar.
- **Member** Under-graduate Board of Studies, Department of Botany, University of Kashmir, Srinagar
- **Assistant Proctor** Proctorial Board, Cluster University, Srinagar, Jammu & Kashmir.
- **Editor** Editorial Board, Cluster University, Srinagar, Jammu & Kashmir
- **Nodal Officer** NISP/ARIIA Cluster University, Srinagar, Jammu & Kashmir

**RESEARCH EXPERIENCE:** Research experience of more than 17 years related to Plant taxonomy, ornamental plants and Floriculture

## PUBLICATIONS:

### Research Papers

1. Nadia Gul, Ishfaq Ahmad Wani, Rakeeb Ahmad Mir, Javaid Ashraf Newshehri **Shabana Aslam**, Renu Gupta, Susheel Verma, Saima Aslam. 2022. Plant growth promoting microorganisms mediated abiotic stress tolerance in crop plants: a critical appraisal. *Plant Growth Regulation*.
2. Khursheed Ahmad Ganaie, **Shabana Aslam** and Irshad A Nawchoo **2011**. No chilling obligation for germination in seeds of *Arnebia benthamii*- A critically endangered alpine medicinal plant of north-west Himalayas. *International Journal of Biodiversity and Conservation*. 3(5).
3. **Shabana Aslam** and Khursheed A Ganaie 2010. Biological Invasions in Kashmir Himalayas - A Real Concern. *Reports and Opinion* 2(12):10-12
4. Khursheed Ahmad Ganaie and **Shabana Aslam** **2010**. A short note on the Phenology of *Arnebia benthamii*. *International journal of Plant Reproductive Biology*.2(1):105-107
5. Khursheed Ahmad Ganaie and **Shabana Aslam** **2010**. Heteromophic incompatibility and Disassortive matting in *Arnebia benthamii*- A Critically endangered medicinal plant of Northwest Himalayas. *International Journal of Plant Reproductive Biology* 2(2)
6. **Shabana Aslam** and Khursheed Ahmad Ganaie. **2010**. Exotic Ornamental Flora of Kashmir valley-An Overview. *New York Science Journal* 2010.3(5):78-82.
7. **Shabana Aslam** and Khursheed Ahmad Ganaie 2010.Tracking the Invasion Pathway: Assesment of  $\alpha$ -Diversity and Invasiveness of Alien Ornamental Plants of Srinagar (Kashmir, J&K), India. *Nature and Science*. 8(3):79-95.
8. **Shabana Aslam** and Khursheed Ahmad Ganaie. **2010** Family Rutaceae in Kashmir Himalyas: *Poncirus trifoliata* (L) Raf. - A New Record for Flora of Kashmir, India. *Academia Arena*. 2(5): 40-41.
9. **Shabana Aslam** and Khursheed Ahmad Ganaie. **2010**. Family Myrtaceae in Kashmir *Myrtus communis*, L.- A New Record for the Shrub World of Kashmir Himalayas. *Academia Arena*. 2(5): 42-43.
10. Khursheed Ahmad Ganaie, **Shabana Aslam** and Irshad A Nawchoo **2010**. Development of Agrotechnology for the cultivation and Conservation of *Arnebia benthamii*-A critically endangered medicinal plant of Kashmir Himalayas. *Journal of American Science*. 6(10): 1133-1141.
11. Khursheed Ahmad Ganaie, **Shabana Aslam** and Ather Masoodi 2009. Morph ratio matting pattern and Incipient gender specialization in *Nymphoides peltata*-an Invasive species of Dal and Wular lakes of Kashmir. *European journal of Applied sciences*.1(2): 16-19.

#### Book (s)

1. “*Exotic Ornamental Flora of Kashmir: A Field Guide*” by **Shabana Aslam**, Ghulam Hassan Dar and Abdul Qudoos Jhon

#### Book Chapters

1. Saima Aslam, Nadia Gul, **Shabana Aslam**, Saeid Eslamian **2022**. Biotechnology and Flood-Resistant Rice. Flood Handbook. 489-506. *Taylor Francis*
2. **Shabana Aslam** and Saima Aslam **2022**. Impact of flooding on Agricultural crops- an

overview. *Springer*

#### **ORIENTATION PROGRAMMES ATTENDED:**

1. Attended 4-Week “77<sup>th</sup> General Orientation Course” at UGC HRDC, University of Kashmir from 26<sup>th</sup> December to 23<sup>rd</sup> January 2018.

#### **REFRESHER COURSE(S) ATTENDED**

1. Participated in the Online Refresher Course in “*MOOCs and e-Content Development*” conducted by UGC, HRDC, Pondicherry University from 17<sup>th</sup> November to 30<sup>th</sup> November, 2020.
2. Participated in the Online Refresher Course in “*Quality in Higher Education*” conducted by UGC, HRDC, Gujarat University, Ahmedabad from 6<sup>th</sup> September to 19<sup>th</sup> September 2021.
3. Participated in the Online Refresher Course in “*Modern Higher Education*” conducted by UGC, HRDC, Gujarat University, Ahmedabad from 6<sup>th</sup> September to 19<sup>th</sup> September 2022.

#### **FACULTY DEVELOPMENT PROGRAMMES ATTENDED**

1. Attended One Week Online National Faculty Development Program on “*Development of e-content and MOOCs in Four Quadrants*” organized by GADTLC in collaboration with KMV, Jalandhar from 18<sup>th</sup> January to 23<sup>rd</sup> January 2021.
2. Participated in two Day National Online Faculty Development Programme on “*Plagiarism in Academic Research and Author Identifiers*” organized by Department of Library and Information Science, Indian Institute of Management and Commerce, Hyderabad from 11th - 12th April 2022.
3. Participated in 5-day Faculty Development Programme on “Social Entrepreneurship” from 10th – 16th June 2022 , National Institute Of Technology, Mizoram
4. Participated in one Week National Level Faculty Development Program on “*AMAZON WEB SERVICES*” from 22nd August 2022 to 27th August 2022 Organized by Cambridge Institute of Technology, Bengaluru in collaboration with Brainovision Solutions India Pvt. Ltd. & All India Council for Technical Education - AICTE.

#### **WORKSHOPS/SEMINARS/CONFERENCES ATTENDED:**

1. Attended 2-Day Workshop on “*Advances in Cell and Molecular Biology*” organized by Government College for Women, M.A. Road, Srinagar from 27<sup>th</sup> to 28<sup>th</sup> September 2017.
2. Attended 2-Day National Seminar-cum-Workshop on “*Skill Development in Biotechnology*” organized by S.P. College, Srinagar on 20-21 November, 2017.
3. Attended One Week State Level Workshop on “*Relevance of Information Technology in Teaching Learning Process*” at Islamia College of Science and Commerce, Srinagar from 20<sup>th</sup> March to 26<sup>th</sup> March 2018
4. Participated in Online International Seminar on “*Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19)*” conducted by WHO on 18 April 2020.

5. Attended International e-Conference on ***“Strategies and Challenges in Higher Education during COVID-19 Lockdown Period in India”*** organized by Government Vidarbha Institute of Science and Humanities, Amravati, India on 15<sup>th</sup> -17<sup>th</sup> May 2020.
6. Attended a National Webinar on ***“Trekking in the Himalayas”*** organized by J.E.S.’s R.G. Bagdia Arts, S.B. Lakhotia Commerce and R. Bezonji Science College, Jalna on 17-12-2020.
7. Participated in Workshop on ***“Virtual Labs”*** organized by G. D. College, Ganderbal on 30<sup>th</sup> December 2020.
8. Participated in Webinar on ***“Idea to Invoice (i2i), A Successful Innovator Journey”*** conducted by Vidhya Jyothi Institute of Technology, Hyderabad on 02-01-2021.
9. Attended National Seminar on ***“Prospect of Library Services in e-Learning Ecosystem”*** organized by Barrackpore Rastraguru Surendranath College, West Bengal on 16 January 2021.
10. Attended webinar on Women *Empowerment “Under the Umbrella of Pink: Exploring Feminism”* organized by DAV Institute of Management on 30<sup>th</sup> January 2021.
11. Attended TARMS-2021, a one month ***“International Training on Authorship, Research Methodology and Scopus Free Publication Process”*** organized by Eudoxia Research Centre, India and Eudoxia Research University, USA from 5<sup>th</sup> January to 2<sup>nd</sup> February, 2021.
12. Attended National webinar on ***“Wetlands and Water”*** organized by G. D. College, Ganderbal on 2<sup>nd</sup> February 2021.
13. Participated in International Webinar titled GEOLIVE-2021, on ***“Geotechnical Engineering”*** organized by School of Civil Engineering, Lovely Professional University, from 21-28 February, 2021.
14. Participated in National Webinar on ***“National Education Policy 2020: A New Vision for India’s Higher Education System”*** conducted by Government Women Engineering College, Ajmer, on 26-02-2021.
15. Participated as member of organizing committee in ***“Ten days workshop on Horticultural Technology”*** organized by Department of Botany, S.P. College Srinagar, in Collaboration with SKUAST-K from 03 March-16 March, 2021.
16. Attended webinar on ***“Ecosystem Restoration”*** organized by Department of Botany, G. D. College, Ganderbal on 5<sup>th</sup> June 2021.
17. Participated as a Faculty Coordinator for the ***“MANAV Scientific Reading and Comprehension Self-Assessment Module (for students)”***, conducted by Project MANAV– The Human Atlas Initiative in September to October 2021.
18. Participated in ***“Manav Faculty Level Survey on scientific reading practices, capabilities and challenges of undergraduate and postgraduate students”*** conducted by Project Manav from 16<sup>th</sup> - 27<sup>th</sup> December 2021.
19. Attended TORMP 6.0-2022, ***“6<sup>th</sup> International Advanced Training on Research Manuscript Drafting and Publishing”*** organized by International Council of Innovation and Research powered by Eudoxia Research Centre, India and Eudoxia Research University, USA from 17<sup>th</sup> January to 24<sup>th</sup> January, 2022.
20. Participated in two week Online Research Orientation Workshop on ***“Research Prospectus in The Present Era”*** organized by Sri Pratap College, Srinagar from 7<sup>th</sup> to 22<sup>nd</sup> March, 2022.
21. Participated in International Short Term Training Programme-2 on ***“Impact and Panacea of Environmental Pollution: The Past, Present and Future”*** organized by Raj Rishi Govt. Autonomous College, Alwar, Rajasthan from 20<sup>th</sup>-26<sup>th</sup> April
22. Attended online workshop on ***“Prototype/Process Design and Development”*** conducted by the Ministry of Education’s Innovation Cell (MIC)- Institution’s Innovation Council (IIC) 4.0

and Entrepreneurship Development Cell (EDC) of Vidya Jyothi Institute of Technology, Hyderabad on 25-04-2022.

23. Attended online workshop on ***“How to plan for start-up and legal and Ethical steps”*** conducted by the Ministry of Education’s Innovation Cell (MIC)- Institution’s Innovation Council (IIC) 4.0 and Entrepreneurship Development Cell (EDC) of Vidya Jyothi Institute of Technology, Hyderabad on 25-05-2022.
24. Attended one day National webinar on ***“Dimensions and Conventions of Elizabethan Stage and Theatre”*** organized by Department of English, Hazi A. K. Khan College, Murshidabad, West Bengal on 28-05-2022.
25. Participated in the UGC Sponsored ***“Online Workshop on NEP-2020: Good Academic Research Practices/Academic Research Integrity”*** organized by UGC-HRDC, Gujarat University, Ahmedabad on 20<sup>th</sup> June 2022.
26. Participated in the UGC Sponsored ***“Online Workshop on NEP-2020: Multidisciplinary”*** organized by UGC-HRDC, Gujarat University, Ahmedabad on 23<sup>rd</sup> June 2022.
27. Participated in the UGC Sponsored ***“Online Workshop on NEP-2020: Educational Framework for Global Citizenship in Higher Education”*** organized by UGC-HRDC, Gujarat University, Ahmedabad on 24<sup>th</sup> June 2022.
28. Participated in the UGC Sponsored ***“Online Workshop on NEP-2020: Digital Governance”*** organized by UGC-HRDC, Gujarat University, Ahmedabad on 25<sup>th</sup> June 2022