

DR.SUJATA  
BHARDWAJ  
ASSOCIATE  
PROFESSOR

Address: A-104, Vinayak Apartments, Plot 36, Sector 10 , Dwarka  
Email :Sujata.bhardwaj@bcas.du.ac.in

TEACHING EXPERIENCE: More than 25 years

#### EDUCATION

- PhD August 1999 Thesis titled “ Ethnobotanical survey of a northeastern state”, Department of Biosciences, MDU( Rohtak).
- Master’s degree, May 1985, MSU ( Vadodara).

#### TEACHING INTERESTS

- Plant Anatomy
- Archegoniate
- Medicinal Botany

#### RESEARCH EXPERIENCE

- PhD: Ethnobotanical survey of a northeastern state- Mizoram
- Post Doc: Isolation and characterization of fungal endophytes from medicinal plant of Madhya Pradesh May 2010- May 2012

#### ADMINISTRATIVE EXPERIENCE

- Head of Biology Department: Core member for establishing new Biological Lab at new college campus, including procuring equipment and layout planning.
- Convener of Student Advisory Committee, Eco Club, Garden Committee, ECA, Proctorial & Anti-Ragging Committee, Anti-Discriminatory Committee, etc.
- Nodal Officer for The University of Delhi
- Public Grievance Officer for The University of Delhi.

- Public Information Officer of BCAS
- Student Counsellor for Indira Gandhi National Open University.
- Transitioned underperforming students through a mentoring program for sharpening their learning faculties.

## PROFESSIONAL EXPERIENCE

Taught the various subjects viz. cell biology, medical lab techniques, medical instrumentation, plant anatomy, plant physiology, ecology, and genetics. Provide oversight and direction to the operational and educational needs of staff and students. Plan curriculum and conduct hiring need identification in the assigned department. Lead the department's administrative operations, ensuring compliance with the policies and regulations. Participate in the development, implementation, and maintenance of policies. Interact and collaborate with students, parents, and the community to build an environment that maximizes student learning, academic performance, and social growth. Ensure annual staff appraisals and provide necessary reports to the appropriate authorities. Develop and maintain curriculum, ensure compliance to standards, and provide expert knowledge on same; prepare a schedule and monitor progress as per requirement.

## CONFERENCE / FDP / WORKSHOPS ATTENDED ( HIGHLIGHTS)

1. Empowering Teachers for Developing Culturally Responsive Classroom  
UNESCO International on-line Mentoring Programm Open Education for a Better World (OE4BW)  
May 25-June 21, 2021
2. Digital Tools for 21st Century: Word Processing & Spreadsheets  
Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNM-TT- MHRD) of MoE  
January 27 to February 2, 2021
3. Digital Tools for 21st Century Teachers  
Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under PMMMNM-TT- MHRD  
December 10-23, 2020
4. Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content  
Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNM-TT- MHRD  
September 12-20, 2020.
5. Pedagogical Training for Effective online Teaching and Learning  
Deen Dayal Upadhyaya College, University of Delhi and K.T.H.M. College, Nashik  
August 3-10, 2020
6. Advanced Concepts for Developing MOOCs  
PMMMNM-TT- MHRD, Teaching Learning Centre, Ramanujan College, University of Delhi July 2-17, 2020.

7. Entrepreneurship, Incubation, and Innovation  
Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi supported by MHRD, Pandit Madan Mohan Malvia National Mission on Teachers and Teaching.  
23rd – 29th June 2020
8. Online Transaction of Courses with Moodle-LMS  
Bhaskaracharya College of Applied Sciences (University of Delhi), Delhi  
8th- 10th May 2020.
9. Climate Across the Curriculum: Resources for Integrating Climate Topics in Discipline-Specific Teaching IQAC, Venketeshwara College [SVC], University of Delhi [DU], India in collaboration with TROPICUSU, a Climate Education Project funded by the International Council for Science [ICSU] & IISER, Pune, India
10. National FDP on ‘Moodle 4.0 Learning Management System’ July 14-20, 2022, BY SNDT Women’s University Mumbai in collaboration with British Council and PMMMNMTT-MoE. 13th- 14th Oct, 2018.

## PUBLICATIONS

1. Sujata Bhardwaj and SK Gakhar (2003) Ethnomedicinal plants used by tribals of Mizoram to cure dysentery. *Ethnobotany*. Vol 15pg 51-54.
2. Sujata Bhardwaj and SK Gakhar ( 2005) Ethnomedicinal plants used by tribals of Mizoram to cure its and wounds. *Indian journal of traditional knowledge*.
3. Sujata Bhardwaj and SK Gakhar. (2008) Ethnobotanicals used by tribals of Mizoram for furniture and household equipment. *Indian journal of traditional knowledge*.
4. Seema Talwar, Nupur Mondal, Sujata Bhardwaj. (2016) Air pollutants and their effects on plants and human health. *Indian journal of Basic And applied biology*.
5. Abbas N.S., Gupta S., Suri D, Sujata Bhardwaj and Kaula B.C., (2021) Incredible Role of Spices in Diet – An Indian Perspective. *Research Journal of Agricultural Sciences*.
6. Dinakaran J, Abbas N.S, Arora, Sujata, Bhardwaj, Kaula B.C. (2021). Assessment of Heavy Metals in Ground Water of Different Locations of National Capital Region Delhi, India. *Curr World Environ*.
7. Julie Thakur , N.S. Abbas , Sujata Bhardwaj and Babeeta C Kaula ( 2021). Biotechnological tools in the propagation and conservation of threatened species: An overview. *Indian Journal of Biotechnology*.
8. Tripathi A., Abbas N.S., Nigam A., Sujata Bhardwaj and Kaula B.C., (2021). An Alternat Cost-effective Medium for In Vitro Regeneration of Therapeutically Important *Ocimum citriodorum* Vis. *Biosci Biotech Res Asia*.

9. Abbas NS, Arora S, Anand R, Sujata Bhardwaj, Dinakaran J, Kaula BC, Nasreen S, Vadakan AB. (2022). An Overview of COVID-19 PAN India. Asian Pac. J. Health.
10. Dinakaran J, Abbas N.S, Sujata Bhardwaj, Kaula B.C. (2022). Soil Carbon Sequestration Potential of Terrestrial Ecosystems: Trends and Soil Priming Effects. Current World Environment.
11. Seema Talwar, Nupur Mondal, Gaurav Kumar, Promila Mathur, Sujata Bhardwaj. ( 2022) Antifungal Activity of Clove, Neem and Peppermint Oils against Fusarium graminearum. Research journal of Agricultural Sciences.
12. Sujata Bhardwaj, N. S. Abbas, Babeeta C Kaula, Anil Prakash (2023). Diversity of fungal endophytes at different maturity levels of Cryptolepis buchanani leaves. Current Botany.
13. Sujata Bhardwaj, Babeeta C Kaula, S. Nasreen, N. S. Abbas , (2024). Synbiotics: A Paradigm Shift in Biotherapeutic. International Research Journal of Management Science & Technology.

## BOOKS

1. Medicinal Plants Cultivation to Application (2024) Narosa Publishing House Pvt. Ltd.
2. Medicinal Plants: Practical Handbook (2004) (2024) Narosa Publishing House Pvt. Ltd.

## CHAPTERS IN EDITED BOOKS ( In Press)

1. 'Essential Laboratory Techniques and Biochemical Analysis'

Chapter: Lab Safety, Accuracy and Precision.

2. 'Essential Laboratory Techniques and Biochemical Analysis'

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Chapter: pH, Solution and Buffers CRS Press Taylor & Francis

International

Book

2024

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Place: New Delhi.

Sujata Bhardwaj



