



Dr. Sayeeda Kousar Bhatti

M.Phil, Ph.D Botany

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Academic Qualification	Institute/ University
B.sc	University of Jammu
B.ed	University of Jammu
M.sc (Botany)	Central University Garhwal (Uttarakhand)
M.phil Topic: <i>Biodiversity of arbuscular mycorrhizal fungi in some ornamental flowering plants with special reference to Dianthus Caryophyllus linn.</i>	Shoolini University (Himachal Pradesh)
Ph.D Topic: <i>Studies on Mycorrhizal Endophytes and Seed Germination in some Himalayan Orchids. (Degree awarded on Dec-2017)</i>	Shoolini University (Himachal Pradesh)

PUBLICATIONS

- **Aditya Kumar, Sayeeda Kousar Bhatti and Ashok Aggarwal.**
Biodiversity of Endophytic Mycorrhiza in Some Ornamental Flowering Plants of Solan, Himachal Pradesh. Biological Forum – An International Journal. 2012; 4(2): 45-51.
- **Sayeeda Kousar Bhatti, Aditya Kumar, Tanuja Rana and Navroop Kaur.**
Influence of AM fungi (*Glomus mosseae*, *Acaulospora laevis* and *Gigaspora* sp.)

alone and in Combination with *Trichoderma viride* on Growth Responses and Physiological Parameters of *Dianthus caryophyllus* Linn. Adv. Biores., 2013; 4(2):13- 20.

- **Aditya Kumar, Sayeeda Kousar Bhatti, Chhavi Mangla and Ashok Aggarwal.** Survey of Some Important Ornamental Flowering Plants of Solan, Himachal Pradesh with Enumeration. Asian J. Adv. Basic Sci. 2015; 3(2): 84-90.
- **Jagdeep Verma, Sayeeda K. Bhatti and Jaspreet K. Sembi.**
Asymbiotic Germination of Immature Seeds in an Ornamentally Important ‘Fox-tail’ Orchid, *Aerides multiflora* Roxb. Vegetos. 2015; 28 (4): 162-168.
- **Sayeeda K. Bhatti, Jagdeep Verma, Jaspreet K. Sembi and Ajay Kumar.**
Mycobiont Mediated In vitro Seed Germination of an Endangered ‘Fox-tail’ Orchid, *Rhynchostylis retusa* (L.) Blume Journal of pure and applied microbiology. 2016;10(1): 663-670
- **Sayeeda Kousar Bhatti, Jagdeep Verma, Jaspreet K Sembi, and Promila Pathak.** Symbiotic seed germination of *Aerides multiflora* roxb. – a study in vitro. journal of orchid society of india. 2017;31: 87-93.
- **Sayeeda Kousar Bhatti and Monika Thakur.** An Overview on Orchids and their Interaction with Endophytes. The Botanical Review. 2022
- **Monika Thakur, Indra kumar kasi, Pungbili Islary, Sayeeda Kousar Bhatti.**
Nutritional and health promoting effects of Lichens used in food applications. Current nutrition reports. 2023.

BOOK CHAPTER:

- Chapter entitled “**Orchids and Mycorrhizal Endophytes: A Hand in Glove Relationship published in the Book Endophyte Biology.**
- Chapter entitled “Brassinosteroids as a multidimensional regulator for increasing plant tolerance to salinity stress: **published in the Book Plant growth regulators. Nova science Publications.**

LIST OF CONFERENCES/ POSTER PRESENTATIONS/ ABSTRACTS

ATTENDED SO FAR.

- Abstract/Poster entitled “Asymbiotic germination of immature seeds in an ornamentally important Fox-tail orchid, *Aerides multiflora* Roxb”. TOSI, department of Botany, **Punjab University, jointly with SMVD University Katra. JK.** (February-2015)
- National workshop-cum-training program on Standardization of medicinal plants and their products, at Shoolini University **organized by Indian Council of medicinal research, New Delhi.** (March-2015)
- Abstract/Poster entitled “Mycobiont mediated *in vitro* seed germination of an endangered orchid *Rhynchostylis retusa* (L.) Blume”. National Conference on Smart Materials Advances in Research Techniques - SMART 2015 **organized by Shoolini University, Solan, H.P.** (November-2015)
- Abstract/Poster entitled “Mass propagation of *Aerides multiflora*- A study *in vitro*”. CHASCON- 2016 (10th Chandigarh Science Congress) held **at Punjab University, Chandigarh. February-2016.** (First prize winner in poster presentation)
- Abstract entitled “Symbiotic germination of *Crepidium acuminatum* (D. Don) Szlach.” International Conference on Science: Emerging Scenario and Future Challenges (SESFC-2016) **held at Dharmshala, H.P.** (June- 2016)
- Abstract/Poster entitled “*In vitro* propagation of an ornamental orchid *Aerides multiflora* Roxb. through Asymbiotic seed culture” National Conference on

- environment and Natural Resource Management **Organized by Shoolini University, Solan, H.P.** (Feb- 2017)
- Abstract/Poster entitled “Symbiotic germination of *Crepidium acuminatum* (D. Don) Szlach.” National Conference on fungal biology: Recent trends and future prospects and 44th annual meeting of the mycological society of India (MSI) **organized by Department of Botany, University of Jammu (JK)** (Nov-2017)
 - Paper entitled “Mycobiont mediated seed germination in *Aeridies multiflora*” in national conference on interdisciplinary science and Humanities, **Organized by Govt PG College Rajouri** (22 March 2018).
 - Abstract and Poster entitled “Asymbiotic germination of *Crepidium acuminatum* (D. Don) Szlach.” 13th session of Jammu and Kashmir Science Congress, **organized from 2nd to 4th April, 2018 by University of Kashmir.**
 - Paper entitled “The impact of Scientific literature on Society” One day Urdu seminar, literature, humanity and society, **organized by Govt. Degree College Mendhar** (31 Oct. 2018).
 - Abstract and Poster entitled “Symbiotic germination of *Crepidium acuminatum* (D. Don) Szlach.” First one day national conference on recent advances in science, literature, and humanities, **organized by GDC Surankote** (26 March 2019).
 - Paper entitled “New area of Scientific research in India” in the first state level seminar on Quality concern in higher education; Prospect and Challenges **organized by GDC Surankote (Poonch)** on 25 April 2019.

MEMBERSHIP: Life membership of TOSI (The Orchid Society Of India)

PERSONAL DETAIL:

Nationality: Indian.

Gender: Female.

Language known: English, Urdu. Hindi.

Permanent Address: R/o and P/o Dehri Ralyote Teh. Manjakote, Dist. Rajouri (JK,UT).

DECLARATION

I hereby declare that all the above furnished information is correct and true to the best of my knowledge and belief.

Date: 01/09/2023

Place: Dehri-Ralyote (Rajouri, JK)

(Dr. Sayeeda Kousar Bhatti)