

## CURRICULUM VITAE

**Name:** Dr. Sapna Devi

**Designation:** Assistant Professor (September 23, 2024 onwards)

**Institution:** Department of Botany, Central University of Jammu, Rahya - Suchani (Bagla), District Samba, Jammu, JKUT

**E-mail:** [sapna.bot@cujammu.ac.in](mailto:sapna.bot@cujammu.ac.in)

**Mobile Number:** 9086121387

### Educational qualification

Degree	Institute	Year
Ph. D	Department of Botany, University of Jammu	2022
M. Phil	Department of Botany, University of Jammu	2017
M. Sc	Department of Botany, University of Jammu	2014
B. Sc	Govt. College for Women Parade Jammu	2012
CSIR-NET	Life Sciences	2015
UGC- NET JRF	Life Sciences	2017
JKSET	Life Sciences	2017

### Area of Research

- Mycology, Plant Pathology, Mushroom cultivation, Diversity and distribution of Bryophytes and Pteridophytes

### Teaching Experience

- **Lecturer:** GGM Science College Jammu, Jammu (July 2022 to May 2023)  
Taught Courses: Economic Botany and Biotechnology, Mushroom Cultivation, Ethnobotany, Elementary Botany.
- **Lecturer:** Department of Botany, University of Jammu (July 2023 to September 2024)  
Taught Courses: Mycology and Plant Pathology, Plant Anatomy, Diversity of Bryophytes and Pteridophytes.

### **Research Publications**

- **Devi S and Sumbali G (2019).** Yield performance and nutritional value of *Pleurotus ostreatus* f. *florida* on different forest wastes. **Progressive Agriculture 19(1):76-84.**
- **Devi S and Sumbali G (2018).** Comparative study on the growth and yield of oyster mushroom (*Pleurotus ostreatus* f. *florida* Cetto) on some common agricultural and garden wastes. **Mushroom Research 27(2): 127-136.**
- **Devi S and Sumbali G (2021).** Suitability of different cereal grains for spawn development and their impact on the growth and yield of *Macrocybe gigantea* (Masse) Pegler & Lodge. **Journal of Applied and Natural Science 13(1): 204-209.**
- **Devi S and Sumbali G (2021).** Efficacy of different agricultural wastes and casing materials on the growth and yield of *Macrocybe gigantea* (Masse) Pegler & Lodge. **Indian Phyto Pathology 74: 893-899.**
- **Devi S and Sumbali G (2021).** Utilisation of some unconventional agrowastes and grain spawns for the cultivation of *Macrocybe gigantea* (Masse) Pegler & Lodge. **Journal of Mycology and Plant Pathology 51 (1): 95-100.**
- **Devi S and Sumbali G (2021).** Effect of different combinations of lignocellulosic wastes on the yield and nutritional composition of *Pleurotus ostreatus* f. *florida*. **Journal of Mycology and Plant Pathology 51(4): 379-387.**

### **Book Chapter**

**SP Shrikhandia, Sapna Devi and Geeta Sumbali (2021).** Lignocellulosic waste management through cultivation of certain commercially useful and medicinal mushrooms. *Biology, Cultivation and Applications of Mushrooms*, Springer Nature.

### **Popular article published:**

**Devi S and Sumbali G (2020).** “*Macrocybe gigantea*: a new summer mushroom for Jammu”. Daily Excelsior (Sunday Magazine) on 13<sup>th</sup> Sept., 2020.

### **Papers presented in National/International seminars**

- **Sapna Devi and Geeta Sumbali** “Screening of forest wastes for the cultivation of *Pleurotus floridanus* Sing. in 14<sup>th</sup> JK Science Congress from March 2-4, 2017 organised by University of Jammu.

- **Sapna Devi and Geeta Sumbali** “Screening of garden wastes for the cultivation of *Pleurotus ostreatus* f. *florida* Cetto” in National Conference on Fungal Biology : Recent Trends and Future prospects from November 16-18, 2017 organized by Department of Botany, University of Jammu.
- **Sapna Devi and Geeta Sumbali** “Effect of different lignocellulosic wastes on the yield and nutritional content of *Pleurotus ostreatus* f. *florida* Cetto” in International conference on Recent Advances in Interdisciplinary Sciences from January 11-12, 2019 organized by Department of Electronics, University of Jammu.
- **Sapna Devi and Geeta Sumbali** “Comparison of the yield and nutritional content of oyster mushroom (*Pleurotus ostreatus* f. *florida* Cetto) grown on some agricultural and garden wastes” in National Seminar on Plant and Fungal Diversity: Status and Challenges & Symposium on Plant Ecology from March 18-19, 2019 organized by Department of Botany, University of Jammu.
- **Sapna Devi and Geeta Sumbali** “Screening of agricultural wastes for the cultivation of *Macrocybe gigantea* (Massee) Pegler & Lodge” In International Conference on Applied Biology ICAB-2019 from November 4-6<sup>th</sup>, 2019 organised by Shri Mata Vaishno Devi University.
- **Sapna Devi and Geeta Sumbali** “Comparative analysis of yield and biological efficiency of *Pleurotus ostreatus* f. *florida* and *Macrocybe gigantea* (Massee) Pegler & Lodge on different agrowastes” in 14<sup>th</sup> JK Science Congress from December 20-22, 2019 organised by University of Jammu.
- **Sapna Devi and Geeta Sumbali** “Studies on yield and nutritional content of *Pleurotus ostreatus* f. *florida* on different garden wastes” in National seminar on Diversity and Reproduction in Plants and Microbes: Present Scenario from February 7-8, 2020 organised by the Department of Botany, University of Jammu.
- **Sapna Devi and Geeta Sumbali** “Yield performance and biological efficiency of *Macrocybe gigantea* (Massee) Pegler & Lodge cultivated on different agrowastes using different grain spawns” in National Seminar on Plant and Fungi- Polyphasic Characterization and Bioprospection from March 25-26, 2022.

#### **Workshops attended**

- “Two Day Regional Workshop on Biological Diversity laws” organised by the United National Development Programme in collaboration with the Law School, University of

Jammu and the National Law School of India University, Bengaluru, on November 28-29, 2018.

- “Author Workshop” jointly organized by Springer Nature and University of Jammu. The Business School, on 21st November 2019.
- “Capacity Building in Molecular Taxonomy” organized by Department of Botany, University of Jammu in collaboration with Malaviya Mission Teacher Training Centre (MMTTC) under RUSA- II, University of Jammu from February 5-10, 2024.
- “Integrating Recent Pedagogical skills in Teaching-Learning” at higher education level organized by Department of Educational Studies in collaboration with DIQA and UGC-MMTTC, Central University of Jammu from November 27-29, 2024.
- “Integration of Artificial Intelligence and Machine Learning in Plant Systematics and Biodiversity Conservation” organised by Department of Botany, Central University of Jammu sponsored by Anusandhan National Research Foundation (ANRF), New Delhi on February 17-21, 2025.

**Conferences / workshops organised:**

- Member of the Organising Committee, Skill Development Programme on “Conservation, Cultivation and Entrepreneurship Development in Medicinal Plants”, organized by Regional cum facilitation Centre Northern Region II, SKUAST Kashmir in collaboration with Department of Botany, Central University of Jammu, Jammu on January 9-15, 2025.
- Member of the Organising Committee, Workshop on “Integration of Artificial Intelligence and Machine Learning in Plant Systematics and Biodiversity Conservation” organized by Department of Botany, Central University of sponsored by Anusandhan National Research Foundation (ANRF), New Delhi on February 17-21, 2025.

### **Awards in Conferences**

<b>Name of Award</b>	<b>Awarding Agency</b>	<b>Year</b>
Best poster presentation	National Seminar on Plant and Fungal Diversity: Status and Challenges & Symposium on Plant Ecology, University of Jammu.	2019
Best oral presentation	National seminar on Plant and Fungi-Polyphasic characterization and Bioprospection, University of Jammu.	2022