



Department of Botany
St. Bede's College, Shimla



Dr. Sangeeta Sharma

Assistant Professor

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EDUCATIONAL QUALIFICATIONS: B.Sc, B.Ed, M.Sc, Ph.D, UGC-NET-JRF, GATE-LIFE SCIENCE, HPTET, CTET.

Sr. No.	Degree	Subject	College/University	Year of Passing
1	B.Sc.	Medical	PU	2007
2.	B.Ed.	Life Science	HPU	2008
3.	M.Sc.	Botany	PU	2010
4.	Ph.D.	Botany	PU	2020
5.	UGC-NET-JRF	LIFE SCIENCE		2011
6.	GATE	LIFE SCIENCE		2011
7.	HPTET			2010
8.	CTET			2015

TOTAL TEACHING EXPERIENCE: 2 years 7 months

SUBJECTS TAUGHT

UG: Medicinal Botany and Ethanobotany

PG: Tools and Techniques in biological sciences, Biology and diversity of angiosperms,



Biology and diversity of Gymnosperms.

OTHER RESPONSIBILITIES

Member: NAAC steering committee.

ACHIEVEMENTS

RESEARCH PAPER PUBLISHED

1. Nitric oxide induced modulations in adventitious root growth, lignin content and lignin synthesizing enzymes in the hypocotyls of *Vigna radiata*. Sangeeta Sharma, Harminder Pal Singh, Daizy Rani Batish, Ravinder Kumar Kohli. *Plant Physiology and Biochemistry* 141 (2019) 225–230. journal homepage: www.elsevier.com/locate/plaphy <https://doi.org/10.1016/j.plaphy.2019.05.028>

2. Role of Nitric oxide in plant root growth and formation: An Overview

Sangeeta Sharma. www.ijrar.org (E-ISSN 2348-1269, P- ISSN 2349-51382019 IJRAR March 2019, Volume 6, Issue 19

International Journal of Research and Analytical Reviews (IJRAR) www.ijrar.org

3. Comparative evaluation of herbicidal activity of citrus aurantifolia essential oil and limonene towards some agricultural weeds.

Fagodia SK, Batish DR, Singh HP, Kohli RK, Anita Sharma, Sangeeta Sharma

International journal of tropical agriculture 2017 vol.35 no. 1 pp.147-155

❖ Participation in Conferences and Seminars

Presented paper in the “International conference on responsible research and innovation in science, management and education” organized by Research promotion cell, PU, Chandigarh and London school of management, UK from 4-6 April, 2018.

❖ Presented poster in “Technological advances in botanical sciences” organized by department of botany, KVADAV, college, Karnal on 21, January, 2016.

❖ Attended workshop on “Statistical product and service solutions (SPSS) from 14-17 December, 2015, organized by department of statistics, PU, Chandigarh.

❖ Attended 10 days short course on “Application of cellular, molecular and genomic tools in crop improvement” during October 7-16, 2014 at CPRI, Shimla sponsored by ICAR, New Delhi.

❖ Presented poster in 2nd Annual conference on Science: Emerging scenario and future challenges, held at HFRI, Shimla. (17-18 May, 2014)

❖ Presented poster in 8th Chandigarh Science Congress, 2014, held at Panjab University, Chandigarh (26-28 Feb, 2014)



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- ❖ Participated in 2 days National workshop on research methodology, statistical analysis and stress management, held at P.U, Chandigarh (30-31 Jan, 2014)
- ❖ Presented poster in symposium on “Recent advances in biochemistry and biotechnology: Application in health, environment and agriculture”, held at University of Lucknow (29-31 Oct, 2013)
- ❖ Participated in workshop on Hands on training in patent searching, held at P.U, Chandigarh (24 Mar, 2013)
- ❖ Participated in 3 days International conference on “Risk analysis of forest invasive alien species”, held at P.U, Chandigarh (27 Feb-Mar 1, 2014)