

# CURRICULUM VITAE

## **Dr. Veenu Joshi**

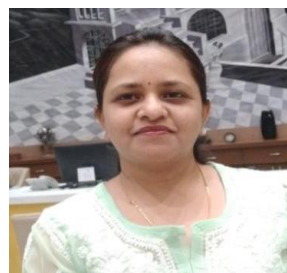
Assistant Professor (Botany)

Center for Basic Sciences

Pt. Ravishankar Shukla University

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### **ACADEMIC BACKGROUND:**

- ❖ **Ph.D in Biotechnology (2015)** titled “Molecular Characterization Micropropagation and Conservation Studies of *Spilanthes acmella* (L.) Murray from Chhattisgarh Region” from School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)
- ❖ **CSIR-UGC NET LS -Life Science** qualified twice in December 2007 and December 2008
- ❖ **CSIR NET JRF in -Life Science** qualified twice in June 2009 and December 2009
- ❖ **M.Sc. Biotechnology (81.5%) Gold Medalist** from Mohanlal Sukhadia University, Udaipur (Raj.) in 2008
- ❖ **B.Sc. (78.96%)** from Mohanlal Sukhadia University, Udaipur (Raj.) in 2006
- ❖ **12<sup>th</sup> (80.6%)** from CBSE Board in 2002
- ❖ **10<sup>th</sup> (84%)** from CBSE Board in 2000

### **AWARDS AND FELLOWSHIPS:**

- ❖ **Gold Medalist in PG**
- ❖ **Chhattisgarh Young Scientist Award** in Botany at XI Chhattisgarh Young Scientists Congress, 28 Feb - 1March, 2013, Raipur
- ❖ **Best Paper Award** in UGC-CRO & CGCOST sponsored National Seminar
- ❖ **CSIR Junior Research Fellowship-** (2010-2012)
- ❖ **CSIR Senior Research Fellowship** (2012-2015)

### **TEACHING EXPERIENCE:**

- ❖ **Assistant Professor (Botany) at Center for Basic Sciences** Pt. Ravishankar Shukla University, Raipur (C.G.) (24-05-2017 to present)
- ❖ **Assistant Professor (Contractual)** in S.o.S. life Science, Pt. Ravishankar Shukla University, Raipur (C.G.) (10-08-2015 to 30-4-2016)
- ❖ **Assistant Professor (Contractual)** in S.o.S. life Science, Pt. Ravishankar Shukla University, Raipur (C.G.) (8-10-2009 to 30-4-2010).

### **PUBLICATIONS:**

S.No	Author(s)	Title	Name of Journal	Vol.	Page	Year
1	G Thakur, P Sutaoney, <b>Veenu Joshi</b> , P Ghosh	Response surface optimization of cellulase production by <i>Aspergillus stellatus</i> NFCCI 5299 in shake flask submerged fermentation using wheat bran	3 Biotech <b>IF-2.6</b>	14	21	Jan 2024
2	S Patel, A Anjum, <b>Veenu Joshi</b> , A Quraishi	Enhanced antioxidant activity in Curcuma caesia Roxb. microrhizomes treated with silver nanoparticles	Journal of Ravishankar University	37(1)	49-71	May 2024
3	P. Namdeo, B. Gidwani, S.Tiwari, V. Jain, <b>Veenu Joshi</b> , S.Shukla, R.Pandey, Amber Vyas	Therapeutic potential and novel formulations of ursolic acid and its derivatives: an updated review	Journal of Science of Food and Agriculture <b>IF- 4.12</b> ISSN 1097-0010			2023 Jan
4	A. James, S. Pandya, P. Sutaoney, <b>Veenu Joshi</b> , P.Ghosh	Isolation and Screening of Potent Cellulolytic Soil Fungi from Raipur City of	Journal of Scientific & Industrial	81	1173-1180	2022 Nov

		Chhattisgarh State, India	Research			
5	S. Porte , <b>Veenu Joshi</b> , K. Shah, N.S. Chauhan	Plants' steroidal saponins - A review on its pharmacology properties and analytical techniques.	World Journal Traditional Chinese Medicine <b>IF-4.4</b>	8	350-385	2022 Aug
6	Hundare, <b>Veenu Joshi</b> , N. Joshi	Salicylic acid attenuates salinity-induced growth inhibition in <i>in vitro</i> raised ginger ( <i>Zingiber officinale</i> Roscoe) plantlets by regulating ionic balance and antioxidative system.	Plant Stress <b>IF-5</b>	4		2022 Feb
7	Sutaoney, S. Pandya, D. Gajarwar, <b>Veenu Joshi</b> , P. Ghosh	Feasibility and potential of laccase-based enzyme in wastewater treatment through sustainable approach: A review.	Environmental Science and Pollution Research <b>IF-5.1</b>		<a href="https://doi.org/10.1007/s11356-022-21565-4">https://doi.org/10.1007/s11356-022-21565-4</a> .	2022 June
8	B. Gidwani, V. Sahu, S.S. Shukla, R. Pandey, <b>Veenu Joshi</b> , V.K. Jain, A. Vyas	Quantum dots: Prospectives, toxicity, advances and applications-	Journal of Drug Delivery Science and Technology <b>IF-5</b>	61	102308	2021 Jan
9	M. Sahu, V. Kumar, <b>Veenu Joshi</b>	Indian medicinal plants with antidiabetic potential: An overview-	Research Journal of Pharmacy and Technology			2021
10	<b>Veenu Joshi</b> , G.D. Sharma and S.K. Jadhav	Alkamides: Multifunctional Bioactive Agents in <i>Spilanthes</i> spp. -	Journal of Scientific Research	64		2020 Jan
11	B. Layek, B. Gidwani, S. Tiwari, <b>Veenu Joshi</b> , V. Jain and A. Vyas	Recent advances in lipid-based nanodrug delivery systems in cancer therapy. -	Current Pharmaceutical Design <b>IF-3.1</b>	26	1-16	2020 May
12	D. Arora, S. Bhatt, M. Kumar, C. Gali, H.D.C.Vattikonda, Y. Taneja, V. Jain and <b>Veenu Joshi</b>	Intranasal lipid particulate drug delivery systems: An update on clinical challenges and biodistribution studies of cerebroactive drugs in alzheimer's disease -	Current Pharmaceutical Design <b>IF-3.1</b>	26	1-19	2020 Aug
13	<b>Veenu Joshi</b> and S.K. Jadhav	RAPD marker based genetic diversity analysis of <i>Spilanthes acmella</i> (L.) Murray	Planta Medica	81	05	2015
14	<b>Veenu Joshi</b> , K.L.Tiwari and S.K. Jadhav,	<i>In vitro</i> propagation of <i>Spilanthes acmella</i> (L.) Murray using semisolid and liquid medium.	Indian Journal of Biotechnology	14	112-116	2015
15	Inderpal Kaur, <b>Veenu Joshi</b> and S.K. Jadhav	DNA isolation from fresh and dry leaves of some medicinal plants.	Analele Universității din Oradea, Fascicula Biologie,	21	45-50	2014
16	<b>Veenu Joshi</b> , and S.K. Jadhav	Effect of Media Types and Carbon Sources on <i>in vitro</i> Shoot Proliferation of <i>Spilanthes acmella</i> (L.) Murray.	Plant Tissue Culture & Biotechnology,	23	283-288	2013
17	<b>Veenu Joshi</b> and S.K. Jadhav	Effect of temperature and media supplements on slow growth conservation of medicinal plant <i>Spilanthes acmella</i> .	Botanica Serbica	37	155-160	2013
18	Vyas., S.S. Shukla, R. Pandey, V Jain., <b>Veenu</b>	A multifunctional miraculous nutritional	Asian Journal of Plant Sciences		1-9	2012

	<b>Joshi</b> and B. Gidwani	herb.				
19	K.L.Tiwari, S.K. Jadhav and <b>Veenu Joshi</b>	An updated review on medicinal herb genus <i>Spilanthes</i>	Journal of Chinese Integrative Medicine	9	1170-1178	2011

### BOOK CHAPTERS:

S. No.	Author(s)	Title	Publisher	Year
1	A Jain, A Sharma, S Bais, S Kaur, A Verma, P Sinha... <b>Veenu Joshi</b>	Traditional Herbal Medicines: A Prospective Panacea for SARS CoV 2 In: Practice and Re-emergence of Herbal Medicine	Bentham Science	2023 July
2	<b>Veenu Joshi</b> , A Sahu, N Joshi, A Vyas, K Shah, D Chauhan and N S Chauhan	Signaling crosstalk between cytokinins and abscisic acid in plant defense, growth and development In book Hormonal Cross-talk, Plant Defense and Development	Elsevier	2023 Jan 143-168
3	P Sutaoney, D Pandey, <b>Veenu Joshi</b> , A Vyas, N Joshi, K Shah, D Chauhan and N Singh Chauhan	Use of plant-defense hormones against pathogen diseases	Elsevier	2023 Jan 305-325
4	<b>Veenu Joshi</b> , A Sahu, A James, A Vyas, N Joshi	Plant cardenolides: Multifunctional medicinal agents In Book Steroids and their medicinal potential	Bentham Science, UK	2023 149-165
5	V Yakati, S Vangala, VJ Reddy, B Gidwani, A Vyas, V Jain, <b>Veenu Joshi</b> , K Agrawal, G Moku	Magnetic Quantum Dots for In-Vivo Imaging in Magnetic Quantum Dots for Bioimaging,	CRC Press	2023 June 227-240
6	B Gidwani, V Sahu, <b>V Joshi</b> , S S Shukla, R K Pandey, A K Jain, A Vyas	Introduction to Magnetic Quantum Dots In Magnetic Quantum Dots for Bioimaging,	CRC Press	2023 June 1-26
7	B.Gidwani, V.Sahu, P.Namdeo, S.Tiwari, A.Tripathi, R.Pandey, S.Shukla, <b>Veenu Joshi</b> , V. Jain, S.Thareja and A.Vyas	Lipoidal Carrier as Drug Delivery System In: Nanoparticles and Nanocarriers-based Pharmaceutical Formulations	Bentham Science, UK	2022, 273-302
8	B.Gidwani, V.Sahu, P.Namdeo, S.Tiwari, A.Tripathi, R.Pandey, S.Shukla, <b>Veenu Joshi</b> , V.Jain, S.Thareja and A.Vyas	Nanocarriers For Drug Targeting In: Nanoparticles and Nanocarriers-based Pharmaceutical Formulations	Bentham Science, UK	2022, 273-302
9	S.Tiwari, B Gidwani, P Namdeo, A.Tripathi, R Pandey, S.Shukla, <b>Veenu Joshi</b> , V. Jain, V.Jain and A.Vyas	Polymeric Nanoparticles as Drug Delivery System: Basic Concepts and Applications. In: Nanoparticles and Nanocarriers-based Pharmaceutical Formulations, 2022, 26-54	Bentham Science, UK	2022, 26-54
10	<b>Veenu Joshi</b> , N. Joshi, A. Vyas, and S.K. Jadhav	Pathogenesis-related proteins: Role in plant defense In Book- Biocontrol Agents and Secondary Metabolites Applications and Immunization for Plant Growth and Protection Edited by Sudisha Jogaiah	Elsevier UK	2021 Jan
11	A.Gujrati, S. Jain, <b>Veenu Joshi</b> , S.S. Shukla, A. Vyas, V. Jain	Importance of chromatography techniques in phytomedicine research . In Book-Evidence Based Validation of Traditional Medicines - A Comprehensive Approach -Editors Subhash C. Mandal • Raja Chakraborty • Saikat Sen	Springer Nature Singapore	2021
12	K.K Sarwa. D. Patel, M.	Standardization and quality evaluation of	Springer	2021

	Rudrapal, S. Bhattacharya, S. Saraf, V. Jain, <b>Veenu Joshi</b> , R. Pandey, A. Vyas	botanicals with special reference to marker components In Book- Evidence Based Validation of Traditional Medicines - A Comprehensive Approach -Editors Subhash C. Mandal • Raja Chakraborty • Saikat Sen	Nature Singapore	
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