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Designation	:	Professor
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Professional Experience	:	19 years as Teaching, Research and Extension
Awards/Honours/Scholarships/Fellowships	:	<ul style="list-style-type: none"> • Gold medal in M.Sc. (Ag.) • Merit Certificate in B.Sc. (Ag.) • Merit scholarship in Ph.D. • P.R. Verma Award for best M.Sc. dissertation • Pesticides India Award • Fellowship by Ministry of Science and Technology, Govt. of China in 2017 • Summer Research Fellowship by Indian National Science Academy in 2019 NAHEP-IDP grant for visiting Lincoln University, New Zeland in 2023
Area of specialization		Mushrooms
Research Interests		Mushroom Biology
Total no. of publications (referred journals)		80
Selected Publications (Best five)*		<p>Diskit, S., Gupta, S., Gupta, M., Kour, P., Devi, L. and Singh, R. 2024. Optimization of Mycelial Growth Parameters in Lion's Mane Edible Medicinal Mushroom <i>Hericium erinaceus</i> (Agaricomycetes) by Supplementation of Growth Hormones. <i>International Journal of Medicinal Mushrooms</i> 26 (11):41–49.</p> <p>Bhupenchandra, I., Chongtham, S.K., Devi, A.G., Dutta, P., Sahoo, M.R., Mohanty, S., Kumar, S., Choudhary, A.K., Elangbam, L.D., Sinyorita, S.,, Devi, S.H., Mahanta M., Kumari, A., Devi, H.L, Josmee, R.K., Pusparani, A., Pathaw, N., Gupta, S., Meena, M.,</p>

	<p>Janmeda, P., Seth, C.S., Arora, J., Sahoo, A and Swapnil, P. 2024. Unlocking the Potential of Arbuscular Mycorrhizal Fungi: Exploring Role in Plant Growth Promotion, Nutrient Uptake Mechanisms, Biotic Stress Alleviation, and Sustaining Agricultural Production Systems. <i>Journal of Plant Growth Regulation</i>. doi.org/10.1007/s00344-024-11467-9.</p> <p>Rasool, B., Summuna, B., Djalovic, I., Shah, T.A., Sheikh, P.A., Gupta, S., Tyagi, S., Bilal, S., Varshney, R.K., Abidi, I., Kumar, J., Penmesta, R.V., Khandey, I., Kumar, U., Sofi, P.A., Khan, M.A., Bhat, M.A., Wani, F.J., Thudi, M. and Mir, R.R. 2023. Delineating marker trait Associations for Fusarium wilt in chickpea using the Axiom <i>Cicer</i> SNP Array. <i>Phytopathology</i>. 113:836-846. https://doi.org/10.1094/PHYTO-05-22-0164-FI.</p> <p>Annepu, S.K., Sharma, V.P., Barh, A., Kamal, S., Shirur, M., Kumar, S., Bhairwa, P., Gupta, S., Gupta, M., and Dutta, U., Samuna, B., Gupta, D and Kumar, R. 2023. Influence of heat treatment and solid-state fermentation on the lignocellulosic fractions of substrates supporting <i>Lentinula edodes</i> (Berk.) Pegler cultivation: Implications for commercial production. <i>Fermentation</i> 9: 130.</p> <p>Barh, A., Sharma K., Bhatt, P., Annepu, S.K., Nath, M., Shirur, M., Kumari, B., Kaundal, K., Kamal, S., Sharma, V.P., Gupta, S., Sharma, A., Gupta, M., and Dutta, U. 2022. Identification of Key Regulatory Pathways of Basidiocarp Formation in <i>Pleurotus</i> spp. Using Modeling, Simulation and System Biology Studies. <i>Journal of Fungi</i> 8: 1073.</p>
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