

CURRICULUM VITAE

Ms. Mamta Pathania

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Thesis Title

MSc: Performance of soilless growing media in relation to different fertigation levels on sweet pepper (*Capsicum annuum* var. *grossum*) cultivar orobelle grown under naturally ventilated polyhouse

Participation and presentation at National/ International conferences

1. **Pathania M**, Saurabh A, Thakur P and Sharma V. 2024. Effect of growing media and chemical fertilizers on growth and yield of sweet pepper (*Capsicum annuum* L.) orobelle under naturally ventilated polyhouse. In: International conference “Current Innovations and Technological Advances in Agriculture & Allied Sciences (CITAAS-2024) at GKU, Bathinda, Punjab on 29-31 August, 2024.
2. **Pathania M**, Saurabh A, Singh TN and Manshi. 2026. Organic and sustainable practices: Navigating the future of vegetable farming. In: AGRI MEET-2026 Global Agri Conference Compendium on 20-21 February, 2026.
3. Manshi, Saurabh A, Singh TN and **Pathania M**. 2026. Effect of different doses of nano-DAP, Spacing and varieties on vegetative, quantitative and qualitative parameters in pea (*Pisum sativum* L.). In: AGRI MEET-2026 Global Agri Conference Compendium on 20-21 February, 2026.
4. **Pathania M**, Saurabh A. 2024. In: 10th International Conference on Recent Advances in Agriculture Engineering, Applied & Life Sciences for Environmental Sustainability at Uttaranchal University, Dehradun on 23-25 October, 2024.
5. **Pathania M** and Saurabh A. 2025. In: Participated in the conference “Global conference of Smart Horticulture for Prosperity and National security (GCSH) at University of Horticultural Sciences, Bagalkot, Karnataka 12-14 February, 2025.

Awards

Best M.Sc. Thesis Award in Global conference of Smart Horticulture for Prosperity and National security (GCSH) at University of Horticultural Sciences, Bagalkot, Karnataka on 12-14 February, 2025.

Experience

Sales & Marketing Executive at Jungle Juice Farmers Co. Ltd. (1 year).

Research publications

1. Khan R, Saurabh A, Bisht YS, Rawat AS, Ahir M, Kumar D, Khan N, Thakur P, Sharma V, Saini D, Kapoor H and **Pathania M** (2025) The impact of organic fertilizer as integrated nutrient management strategies on the benefit cost ratio and yield of tomato (*Solanum lycopersicum* L.) *Cuest Fisioter* 54 (2): 3227-3238.
2. Khan R, Saurabh A, Bisht YS, Rawat AS, Ahir M, Kumar D, Khan N, Thakur P, Sharma V, Saini D, Kapoor H and **Pathania M** (2024) The effect of organic fertilizers as integrated nutrient management practices on morphological characters and yield of tomato (*Solanum lycopersicum* L.) under open field conditions. *African Journal Biomedical Research* 27 (2): 123-137.
3. Sharma V, Saurabh A, Bisht YS, Rawat AS, Ahir M, Shweta, Khan R, Thakur P and **Pathania M** (2026) Response of plant growth regulators and organic manure on growth attributes of cucumber (*Cucumis sativus* L.) hybrid under greenhouse conditions 13 (sp1): 1-8.
4. Thakur P, Saurabh A, Bisht YS, Rawat AS, Ahir M, Kumar D, Sachan S, Khan R, Sharma V, Saini D, Kapoor H, **Pathania M** (2025) Effect of different hybrid × Spacing × Fertilizer doses on vegetative and yield characters along with correlation among the characters in broccoli (*Brassica oleracea* var. *italic* L.). *Journal of Neonatal Surgery* 14 (16): 411-424.

Manuals/ Books

1. Singh TN, **Pathania M**, Saurabh A and Bisht YS (2026) Production Technology of Vegetable and Spice crops- Practical Manual, Eternal University, Baru Sahib, India pp 1-64.
2. Ahir M, Saurabh A, Bisht YS, Rawat AS, Singh TN and **Pathania M** (2026) Tropical, Sub-Tropical and Temperate Fruit Production – A Practical Manual, Eternal University, Baru Sahib, India pp 1-122.