
Personal details

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Current Position:

Assistant Professor, Department of Food Science and Technology Department, Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab, (from August, 2024 to till now)

EDUCATION

- ❖ **PhD. (Food Technology):** Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar, Haryana
- ❖ **NET:** ICAR-ASRB NET
- ❖ **MSc. Food Science Technology:** Chaudhary Devi Lal University, Sirsa, Haryana
- ❖ **B.Sc. (Medical):** Maharishi Dayanand University, Rohtak, Haryana

Research thesis:

Ph. D.: Development of value added nectar variants from bottle gourd-mint-lime blends

M.Sc.: Check antioxidant properties of lotus seeds and wheat flour and preparation of noodles

Publications

1. **Monika**, Malik, T., Gehlot, R., Rekha, Kumari, A., Sindhu, R. & Priyanka (2020) Antimicrobial properties of probiotics. *Environment Conservation Journal*, 22.
2. **Monika**, Rani, R., Gehlot, R., Rekha & Sindhu, R. (2021) Acrylamides in food products. *International journal of chemical studies*, 9(2):76-84.
3. Rani, R., **Monika**, (2022) Use Microbiology in Industries. *International Journal of All Research Education And Scientific Methods*, 10(9): 2455-59.
4. **Monika**, Anju, Gehlot, R. & Rekha, (2022) Postbiotics: Novel Ingredients In Functional Foods *Journal of Science and Technology* 16: 332-43.
5. **Monika**, Gehlot R. and Rekha (2023) Physico-Chemical Characteristics of Bottle Gourd Fruit, Mint Leaves and Lime Fruit. *The Pharma Innovation Journal* 12(12): 1277-1279.
6. Gehlot R, Rekha, Singh, R., **Monika** (2023) Development and evaluation of nutritious and functional beverage from mature green mango fruit, mint leaves and chia seeds. *The Pharma Innovation Journal* 12(6):6893-6899.

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7. Gehlot R, Rekha, Singh, R., **Monika** (2023) Development and evaluation of nutritious and functional beverage from mature green mango fruit, mint leaves and chia seeds. *The Pharma Innovation Journal* **12**(6):6893-6899.
 8. Gehlot R, Rekha, Singh, R., **Monika** (2023) Development and evaluation of nutritious and functional beverage from mature green mango fruit, mint leaves and chia seeds. *The Pharma Innovation Journal* **12**(6):6893-6899.
 9. Rohilla, P., Kumar, A., Birania, S. & **Monika** (2022) *Commercially Available Databases In Food Microbiology*, Scrivener Publishing LLC
 10. **Monika** & Rakesh Gehlot (2022) Tomato soup Recipe. *International E-magzine (Vigyan Varta)* 3(6) 2582-9467.
 11. **Monika**, Rakesh Gehlot & Rekha (2022) Tamatar ke Swadist Utpad. *Haryana Kheti (directorate extension education , CCSHAU)* (6) 0970-6518.
 12. **Monika**, Rakesh Gehlot & Rekha (2022) Amla Ke Swadist Utpad. *Haryana kheti (Directorate extension education , CCSHAU)* (5) 0970-6518.

Conferences

- ❖ **Monika** (2021) *1st International Conference Global initiatives in Agricultural, Forestry and applied sciences (2021) (Abstr). – Oral Presentation*
- ❖ **Monika**, (2022) *Global agriculture, forestry, environment and food security (Abstra). – Oral presentation*

INTERNSHIP

- Internship summer training in Parle Pvt. Ltd. food industry training 45 days (2017)
- Participated in the 3days training programmed on “**Post-harvest Management of Agricultural produce during Natural Calamities / Disaster**” Jointly organized organized by National Institute of Disaster Management, ministry of Home Affairs, Govt. of India and ICAR- Central Institute of Post Harvest Engineering and Technology held during 19-21 October, 2020

Seminars

- ❖ Represent a paper entitled “**Antimicrobial activity of nanoparticles**” in the online seminar on “Mathematical Sciences: Repositories of Logical Thoughts and Analytical Tools” organized by Choudhary Charan Singh Haryana Agricultural University, Hisar, December 22, 2020.
- ❖ Attend National Food Fortication Webinar organized by “**Symbiosis Institute of Health Sciences**” Food Fortication Resoruces Centre.
- ❖ Attend Webinar on “**Entrepreneurial Skill Development for Dairy Graduates**” organized by Guru Angad Dev Veterinary and animal sciences University
- ❖ Participated in “**National Level Online Quiz on Animal Husbandry and Dairy Science**” organized by Anand Niketan College of Agriculture, Warora, July 17, 2020.
- ❖ Participated in event organized for the celebration of **World Food Day** by Department of

Food Technology, Mata Gujri College, Punjab, October 16, 2020.

- ❖ Participated in Poster Competition on theme Support **Breastfeeding for a Better Planet** organized under **NAHEP-IDP** by CCSHAU, Hisar, August 6, 2020.
- ❖ Participated in international virtual conference “**Immune Boosting Diet for COVID 19**” conducted by Department of Food and Nutrition, The American College, Madurai, May 21, 2020

Research Guidance

(B.Sc.), “*Development and Characterization of Guava*”, 2025

(B.Sc.), “*Development of Herbal beverage (RTS) from beetroot-mint-lime blends*”

(M.Sc.) “*Development of a Bio-Based Edible Coating from Chitosan, Cassava Starch, and Essential Oil: Structural Insights and its effect on Magnifera Indica L.*”

References:

1. Prof. Rakesh Gehlot. Department of Food Science & Technology. CCSHAU, Hisar (Hr). Mobile Number: +919416252185, rakagehlot@gmail.com
2. Dr. Sanju Bala Dhull. Department of Food Science & Technology. CDLU, Sirsa (Hr). Mobile number: +919050700005, email: sanjubaladhull@gmail.com
3. Prof. Kawajit Singh Sandh. Department of Food Science & Technology. MRSPTU, Bathinda (Pb). Mobile number: +917015709403, email: kawsandhu@rediffmail.com