



UMEXI RANI

Have the zeal to work with new learning strategies and involvement of studies to real-life experiences. Intends to make the research an interesting area for work in a practical and psychological way.

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Pehowa, Kurukshetra, India

Language

- English
- Hindi
- Punjabi (Basic)

Expertise

- MS- office, Design Expert-11, Active presenter
- Management skills
- Communication and counselling
- Handling of microbiological method in laboratory, Laboratory work and handling of equipment, quality testing and sensory of food products.
- Product Nutrition Testing, Bioactive Compound Testing, HPLC, IFTR, Kjeldhal equipment.
- Microbiological equipment- Streaking Techniques, Autoclave, Laminar Air Flow work, Culture Techniques, Fermenter work.

Experience

HVKC, Moradabad
Jamia Hamdard, New Delhi, India
Position- Assistant professor
Dec 2021- Feb 2024

Majors-Food Technology, Bakery and Confectionary Technology, Food Nutrition and Dietetics

Amity University, Noida, India
Food Tech Department,
Position- Research Assistant
Feb-2021- Dec 2021

New Product development, Research on utilization of Neem and its by-products in food products. Utility of project for the tribal people to develop their own business under "Van Dhan Yojna (Gov. Initiative for Tribal Development)

Sant Longowal Institute of Engineering and Technology,
Punjab, India
Food Tech Department

Position- Research Scholar (Nov2019-Feb 2020)
Pharma Affiliates, Panchkula, sponsored the short-term Project during Mtech. Topic- "Production of Rapamycin analogues from *Streptomyces hygroscopicus* MTCC 3811 and MTCC1105"

Education

Master of Technology (2018-2021)

Food Engineering and Technology (9.2 cgpa).

Sant Longowal Institute of Engineering and Technology, Longowal, Punjab

Thesis "Study on extraction of bioactive compounds from Jamun seeds using ultrasonication technique"

Bachelor of Engineering (Integrated diploma, 2012-2017)

Food Engineering and Technology (8.9 cgpa).

Sant Longowal Institute of Engineering and Technology, Longowal, Punjab

Project- Modification of gas-fired continuous tandoori roti baking oven (2017)

Project- Quality testing and sensory analysis of multigrain cookies (2014)

Trainings

- S. S. Food Industries (BONN Industries), Ludhiana (06/2015 – 07/2015)
-Quality and production
- Verka milk plant, Mohali (06/2013 – 07/2013)
-Quality and production