

DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY

Name of the Faculty: **Faculty of Life Sciences**

Department at a glance:

- Established in 2004& first batch enrolled in August, 2004
- Running M.Sc. and Ph.D. (Food Science & Technology) programme
- 2 classroom (1 ICT enabled), 5 laboratories and 5 Faculty rooms
- Have well equipped laboratory facilities for research
- Located at first floor of CV Raman Bhawan
- Main emphasis is on quality education, research and training activities
- Research & Skill oriented course curriculum
- Compulsory six–weeks training & 1 year project work for PG students

Vision

- To be Centre of excellence for education and research for food processing industries with respect to global scenario.
- To be an advance center for food analysis for providing guidance to various food processing industries.

Mission

- To develop skilled manpower to cater the need of growing food processing industry.
- To develop technology and technical services that can assist and promote the growth of food industry.
- To add value and utility to agro-resources through research and development.
- To enhance the health and socioeconomic status of people

Objectives

- To provide highest quality technical education to the students and equipping them with competency in different disciplines of Food Technology.
- To undertake research and development activities in frontline areas of Food Science and Technology
- Enrichment and enhancement of intellectual knowledge base through organization of seminars, conferences and workshops.
- Placement of the students in various food processing industries/institutes.

Courses Offered:

Course	Min. duration	Intake	AdmissionProcedure
M. Sc.	02 Years	40	Entrance Test
Ph. D	02 Years	08	Entrance Test

MAJOR ACHIEVEMENTS:

- The department has published more than 100 research and review articles in reputed national and international journals.
- The department has published following edited books:
 - ❖ Manju Nehra, Vikash Nain, Rahul Thory (2021). *Vitamins and minerals: Boon to human health and nutrition*. The reader's paradise, New Dehli.
 - ❖ Manju Nehra, Vikash Nain, Rahul Thory (2021). *Principles of biochemistry*. SLM Publishers, Patiala, India.
 - ❖ Manju Nehra, Vikash Nain, Amanjyoti (2020). *Miraculous Food World*, Shree Publishers and Distributors, New Dehli.
 - ❖ Manju Nehra (2020). *Dictionary of Terms in Food Science and Technology*, The reader's paradise, Patiala.
 - ❖ Sanju Bala Dhull, Sneh Punia, Kawaljit Singh Sandhu (2021). *Essential Fatty Acids: Sources, Processing Effects, and Health Benefits*, CRC Press, Taylor & Francis Group, LLC.
 - ❖ Sanju Bala Dhull, Prince Chawla, Ravinder Kaushik (2021). *Nanotechnological Approaches in Food Microbiology*, CRC Press, Taylor & Francis Group, LLC
 - ❖ Anil Kumar Siroha, SnehPunia, Sukhvinder Singh Purewal, Kawaljit Singh Sandhu (2021). *Millets Properties, Processing, and Health Benefits*, CRC Press, Taylor & Francis Group, LLC
 - ❖ Sneh Punia, Anil Kumar Siroha, Manoj Kumar (2021). *Handbook of Cereals, Pulses, Roots, and Tubers Functionality, Health Benefits, and Applications*. CRC Press, a member of Taylor & Francis Group.
 - ❖ Sneh Punia, Anil Kumar Siroha, Kawaljit Singh Sandhu, Suresh Kumar Gahlawat, ManinderKaur (2021). *Pearl Millet: Properties, Functionality and Applications*. CRC Press, a member of Taylor & Francis Group.
- The department has got significant funding from external agencies for carrying out various research projects.
- The department is actively engaged in MoU with LUVAS, Hisar.

Major thrust areas:

- ❖ Cereal Technology
- ❖ Frutis and vegetable technology
- ❖ Dairy Technology
- ❖ Food Microbiology

Faculty Information:

Sr. No.	Name	Designation	Qualification	Contact details
1	Dr. Manju Nehra 	Assistant Professor & Chairperson	Ph. D, NET (ASRB)	manju@cdu.ac.in chairpersonofst@cdu.ac.in
2	Dr. Sanju Bala 	Assistant Professor	Ph. D, NET (ASRB)	sanju_fst@cdu.ac.in
3	Dr. Vikash Nain 	Assistant Professor*	Ph. D, NET (ASRB)	vikashnain@cdu.ac.in
4	Dr. Anil Kumar Siroha 	Assistant Professor*	Ph. D, NET (ASRB)	anilsiroha@cdu.ac.in
5	Dr. Brij Lal Karwasra 	Assistant Professor*	Ph. D, NET (ASRB)	brijapc@cdu.ac.in
6	Dr. Kiran Bala 	Assistant Professor**	Ph. D.	kiranapc@cdu.ac.in

*Contractual

**Part Time Teacher

Journals subscribed:

- ❖ Cereal Chemistry
- ❖ Journal of Food Processing and Preservation
- ❖ Indian of Food Science and Technology
- ❖ Beverage and Food World
- ❖ Food Chemistry
- ❖ E-subscription of various journals of Elsevier and Taylor & Francis Publication

Cultural/Co-curricular activities:

The department is very active in cultural activities with students actively participating in various cultural activities. The department also organizes various cultural activities from time to time which improve the student's skills.

Training and Placement

The department has established a training & placement cell and the students of the department have been placed in various national and multinational Food Industries.

-Sd-
Chairperson