

**Dr. Rajni Kamboj** is B.Tech, M.Tech. and Ph.D. (Food Engineering & Technology) from Sant Longowal Institute of Engg. & Tech., Longowal, Punjab (India). She has more than 19 years of work experience that includes academics and administration. She has contributed over 15 scientific papers in different national/international journals and conferences. Her research area includes honey processing and quality of honey, structure and morphology of food products, process optimization, and storage characteristics of different foods. She is a Life member of many professional bodies. You can contact her at [rajni\\_kamboj@rediffmail.com](mailto:rajni_kamboj@rediffmail.com) or +91-9215300743.



## **Brief Resume**

### **Dr. Rajni Kamboj**

**Present Post:** Assistant Professor, Food Technology  
CDLSIET, Panniwala Mota, Sirsa, Haryana

**Contact:** 9215300743

**e-mail:** rajni\_kamboj@rediffmail.com

**Teaching Experience (More than 19 years):** 06/08/2003- till date

### **Online Links:**

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[https://scholar.google.com/scholar?hl=en&as\\_sdt=0%2C5&q=rajni+kamboj&oq=](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=rajni+kamboj&oq=)

<https://www.researchgate.net/profile/Rajni-Kamboj-2>

<https://orcid.org/my-orcid?orcid=0000-0002-1835-1058>

### **Technical Qualifications:**

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- **NET** (Food Technology).
- **Ph.D.** in Food Engineering & Tech. from SLIET, Longowal.
- **M.Tech.** in Food Engineering & Tech. from SLIET, Longowal/ PTU, Jalandhar.
- **B.Tech** in Food Technology from SLIET, Longowal/PTU, Jalandhar.
- **Diploma** in Food Processing from SLIET, Longowal.
- **Certificate course** in Food Processing & Preservation from SLIET, Longowal.

### **Publications**

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- International/ National Journals: 07
- International/National Conferences: 08

## Research Details

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### Research papers

- Rajni Kamboj, Manav Bandhu Bera and Vikas Nanda (2013). "Evaluation of Physico-Chemical Properties, Trace Metal Content and Anti-Oxidant Activity of Indian Honeys". *International Journal of Food Science and Technology*, 48, 578-587.
- Rajni Kamboj, Manav Bandhu Bera and Vikas Nanda (2013). "Chemometric Classification of Northern India Unifloral Honey". *Acta Alimentaria, An International Journal of Food Science*, 42 (4), 540-551.
- Bhupinder Singh, Rubrinder Singh Sandhu and Rajni Kamboj (2014). 'Effect of Different Pretreatment on Convective Drying Kinetics of Soft Pear'. *Research & Reviews: Journal of Food Science and Technology*, 3 (3), 23-27.
- Rajni Kamboj, Manav Bandhu Bera and Vikas Nanda (2017). "Mass transfer kinetic study of honey based apple preserve through osmotic dehydration". *Asian Journal of Chemistry*, 29(1), 166-170.
- Rajni Kamboj and Vikas Nanda (2018). "Proximate composition, nutritional profile and health benefits of legumes -A review". *Legume Research*, 41 (3), 325-332.
- Rajni Kamboj, Rubrinder Singh Sandhu, R. S. S. Kaler, Manav Bandhu Bera and Vikas Nanda (2019). "Optimization of process parameters on hydroxymethylfurfural content, diastase and invertase activity of coriander honey". *Journal of Food Science and Technology*, 56(7), 3205-3214.
- Rajni Kamboj, Gulzar Ahmad Nayik, Manav Bandhu Bera and Vikas Nanda (2020). "Sugar profile and rheological behaviour of four different Indian honey varieties". *Journal of Food Science and Technology*, 57(8), 2985-2993.

### International/ national conferences

- Rubrinder Singh Sandhu, Rajni Kamboj and Bhupinder Singh (2017). "Textural, color and sensory attributes of high fiber cookies supplemented with oatmeal flour" International Conference on "Advancements in Engineering and Technology (ICAET-2017)", Bhai Gurdas Institute of Engineering and Technology, Sangrur on dated March 24-25, 2017, pp.703-707.
- Bhupinder Singh, Rubrinder Singh Sandhu, Rajni Kamboj and Priyanka Handa (2017). "Green tea as health drink: A review" National Conference on "Futuristic Environmental Challenges", Bharat Group of Colleges, Sardulgarh on dated February 16-17, 2017.
- Rajni Kamboj, Manav Bandhu Bera and Vikas Nanda (2016). "Study to optimize the osmotic dehydration parameters of apple cubes", 4th International Conference on Recent Innovations in Science, Engineering and Management organized by Conference world at India International Centre, Lodhi Estate, New Delhi on dated March 20, 2016, ICRISEM-16, pp. 310-318.
- Rajni Kamboj and Rubrinder Singh Sandhu (2012) "Optimization of whole wheat flour and semolina for preparation of Pizza base using response surface methodology," International

conference on Food Technology for Health Promotion organized by International institute of food and nutritional sciences on dated December 27-28, 2012, ICFTHP2012, pp.21.

- Rubrinder Singh Sandhu, Rajni Kamboj and Bhupinder Singh (2012) “Comparative study of quality characteristics of cookies fortified with oatmeal flour,” International conference on Food technology for health promotion organized by International institute of food and nutritional sciences on dated December 27-28, 2012, ICFTHP2012, pp.22.
- Rajni Kamboj, R. S. Sandhu and Bhupinder Singh (2011). “Role of biosensors: Food safety assessment,” National conference on new horizons in bioprocessing of food organized by Department of Food engineering and Technology, SLIET, longowal on on February 25-26, 2011, NHBF-2011 abstracts, pp-56.
- Priyanka, Malika, R. Kamboj and B. Singh (2011). “Genetically modified foods: useful or harmful,” National conference on new horizons in bioprocessing of food organized by Department of Food engineering and Technology, SLIET, Longowal on on February 25-26, 2011, NHBF-2011 abstracts, pp-56.
- Sandhu Rubrinder Singh, Singh Bhupinder and Kamboj Rajni (2011). “Comparative study of probiotic dairy food-yoghurt,” International conference on functional dairy foods held at National Dairy Research Institute, Karnal, November 16-19, 2011.

### **Talk Delivered**

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- Role of different stakeholders in the improvement of quality education at higher level in one day National Seminar on Higher Education in India: Growth and Challenges. Department of Political Science, Shaheed Udham Singh Punjab University Constituent College Guruharsahai, Distt. Ferozpur, Punjab on 02/03/2019.

### **Membership of Professional Bodies**

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- Member of UG-Board Of studies in Food Technology at CDLU, Sirsa (Haryana)
- Member of UG-Board Of studies in Food Technology at KU, Kurukshetra (Haryana)
- Life Member of Indian Society for Technical Education.
- Life Member of Dairy Technology Society of India.
- Life Member of Indian Red Cross Society.
- Life Member of International Society of Food Engineering.
- Life Member of Association of Food Scientists and Technologists (India).

### **Major administrative duties/ charges handled**

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- Head of Department of Food Technology
- Registrar.
- Officer Incharge Academic.
- Programme Officer (NSS).
- Warden Girls Hostel.

- Officer Incharge Library.
- Presiding Officer Internal Complaint Complain Committee.
- Chairperson Women Cell.
- Deputy Superintendent in various University exams.

*Rajni.*

**(Dr. Rajni Kamboj)**