




INSTITUTE OF HOME ECONOMICS
UNIVERSITY OF DELHI



Name	Dr. Vandana	Photograph
Designation	Assistant Professor	
E-mail	vandana.sablania@ihe.du.ac.in	
Educational Qualifications: PhD – Food Science and Technology		
Teaching experience: Jan 2019 till today		
Subjects/Papers Taught		
B.Sc. (H) Food Technology		
<ul style="list-style-type: none">- Food Processing Technology- Technology of dairy, and seafood- Technology of fruits, vegetables, and plantation crops- Technology of cereal, pulses and oilseeds- Food Engineering- Food quality management- Food Packaging- Food safety		
M.Sc. (Food and Nutrition)		
<ul style="list-style-type: none">- Advanced Food Science- Principles of Food Preservation- Food Processing Technology		
B.Sc. (H) Home Science		
<ul style="list-style-type: none">- Food Microbiology and Food Safety		
Achievements		
<ul style="list-style-type: none">✓ Selected for Innovation Project entitled “Development and study of alternate packaging material from the agro waste and its application in food packaging” funded by Delhi University (2012).✓ Qualified for the “Certificate course in Food Safety and Quality” by IGNOU, Delhi (2013).✓ Selected for Rajiv Gandhi National Fellowship, University Grants Commission (2015).✓ Qualified Junior Research Fellowship (UGC-NET) (2015).✓ Qualified ICAR NET in Food Technology (2021).		

Research Interest/Specialization

- Food Processing Technology
- Food Preservation
- Food Packaging
- Encapsulation Techniques

ORCID No. : 0000-0003-1087-7175 (<https://scholar.google.co.in/citations?user=ddE44nkAAAAJ&hl=en>)

Research papers since 2010 (APA format)

- ✓ Meenakshi Garg, Manjoor Ali, Vandana Batra, Susmita D. Sadhu, Sadhana Sharma, Suradeep Basak and **Vandana Sablania**, *Journal of Food Science and Technology*, 2023, Quality evaluation of nutri- premix prepared by using millets and seeds of fruits and vegetable (<https://doi.org/10.1007/s13197-023-05796-y>) (*Impact factor- 3.117*)
- ✓ **Vandana Sablania**, Suradeep Basak, Sowriappan John Don Bosco, *Journal of Food measurement and charatcterization*, 2023. Effect of spray drying on physical, structural, and functional properties of *Murraya koenigii* leaf extract (<https://doi.org/10.1007/s11694-023-01992-8>) (*Impact factor- 3.006*)
- ✓ M Garg, RL Yadav, R Chopra, B Pani, **V Sablania** - *Journal of Food Science and Technology*, 2023. Optimization and evaluation of quality characteristics of traditional Indian snack (baked balls) made by using pumpkin peel powder (DOI- <https://doi.org/10.1007/s13197-023-05749-5>) (*Impact factor- 3.117*)
- ✓ **Vandana Sablania**, Sowriappan John Don Bosco, Tanveer Ahmed, V. Venkateswara Sarma (2019), Antimicrobial and antioxidant properties of spray dried *Murraya koenigii* leaf powder, *Journal of Food Measurement and Characterization*. (*Impact factor- 3.006*)
- ✓ **Vandana Sablania**, Sowriappan John Don Bosco (2018). Optimization of spray drying parameters for *Murraya koenigii* (Linn) leaves extract using response surface methodology, *Powder Technology*, 335, 35–41. (*Impact factor- 5.64*)
- ✓ **Vandana Sablania**, Sowriappan John Don Bosco, Shubham Rohilla, Manzoor Ahmad Shah (2018). Microencapsulation of *Murraya koenigii* L.leaf extract using spray drying. *Journal of Food Measurement and Characterization*, 12 (2), 892-901. (*Impact factor- 3.006*)
- ✓ **Vandana Sablania**, Sowriappan John Don Bosco, Mudasir Bashir (2019). Extraction process optimization of *Murraya koenigii* leaf extracts and antioxidant properties, *Journal of Food science and Technology*, 1-9. (*Impact factor-3.117*)
- ✓ **Vandana Sablania**, Sowriappan John Don Bosco, Shubham Rohilla (2019). Effect of extraction temperature and different carrier agents on the physicochemical and antioxidant properties of spray dried *Murraya koenigii* (Linn.) leaf extract, *Advances in Plant and Microbial Technology*, 85-93. (Proceedings)

Books published/ Book Chapters published / edited

- ✓ Nisha Chaudhary, Priya Dangi Malik, Vandana Chaudhary, **Vandana Sablania**, Aastha Dewan, Shourabh Joshi, Saleem Siddqui, Ajar Nath Yadav (2022). Probiotics and bioactive metabolites production. In: Probiotics for Human Nutrition in Health and Diseases. Elsevier (ISBN 978-0323-89916-1), Pg 171- 198.
- ✓ **Sablania, V.**, Basak, S., Yadav, V. (2022). Bioactive compounds in saffron. In: Spice bioactive compounds, Properties, applications and health benefits. Ahmad, W.S., Singh, A., and Kumar, P. (eds). CRC Press, Boca Raton, Florida (ISBN 978-1-032-06291-4).
- ✓ Mudasir Bashir Mir, **Vandana Sablania**, Reshu Rajput, Sajad Ahmad Mir (2021), “Understanding the role of additives in gluten free breads”, in book “Gluten free bread Technology” by Springer Nature Switzerland AG (ISBN 978-3-030-73898-3), Pg 121 to 154.
- ✓ Mudasir Bashir Mir, Sajad Ahmad Mir, Reshu Rajput, **Vandana Sablania** (2021) “Challenges in development of gluten free breads” in book “Gluten free bread Technology” by Springer Nature Switzerland AG (ISBN 978-3-030-73898-3), Pg 15 to 28.

Any other

- ✓ Attended online FDP programme on “**Academic Research Writing**” from 8-14 July, 2023 conducted by Ramanujan College in association with Institute of Home Economics, University of Delhi under the aegis of Ministry of education.
- ✓ Invited as a **Resource Person** of the 7-Days National Workshop on “**Hands on training to increase the shelf life of fruits and vegetables by using innovative food preservation and packaging technologies**” from July 3- July 11, 2023 organized by Internal Quality Assurance Cell and Department of Food Technology, BCAS, University of Delhi.
- ✓ Attended 8th **Nutraceutical Symposium & Awards: Quality, standardization and regularization** held on 15th February, 2023 at Hotel The Lalit, New Delhi.
- ✓ Participated in Hands on **Training Program on Edible oil and wheat flour fortification** at Centre of Excellence of Food Fortification held on 28th July 2022 at NIFTEM, Kundli, Sonipat.
- ✓ Participated in the online workshop on “**National Education Policy 2020: Strategic action plan and Goals for Twinning/Joint/Dual degrees**” held on 27th June 2022 conducted by HRDC, Mizoram University.
- ✓ Participated in the online workshop on “**National Education Policy 2020: Strategic action plan and Goals for internalization of Higher Education**” held on 24th June 2022 conducted by HRDC, Mizoram University.
- ✓ Participated in online training course on “**HACCP overview**” conducted on 21 June, 2022 conducted in association with FICSI, NSDC, and Skill India.
- ✓ Participated in “**Food Assessment Project**” to examine Healthy and useful foods and products during pandemic held in December 2021 conducted by PFNDI.
- ✓ Participated in **National Symposium on Epidemiology and role of diet in prevention of Non-Communicable diseases** held on 9th October, 2021 conducted by AZZURRA.
- ✓ Participated in a one day International webinar on ‘**Technologies for Processing Safe Foods, Entrepreneurial Prospects, and Ministry Support: Sufficing the Demands of the Food Industry**’ organized by Department of Food Technology, Rajiv Gandhi University held on 19th July 2021.