

CURRICULUM VITAE OF OWAIS YOUSUF

PERSONAL DETAILS

Name: Dr. Owais Yousuf

Parentage: Mr. Mohammad Yousuf Mir

Address: House No. 156, Iqbalabad-1, Sublane-8, Bemina,
Srinagar-190018, J&K, India

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Email ID: mirowais33@gmail.com

Language: English, Urdu, Kashmiri, Hindi

Present Post:

- Assistant Professor, Department of Food Technology, Islamic University of Science & Technology, Awantipora, JK, India (20th Feb 2023- Till Date)

Previous Post:

- Assistant Professor (Food Technology), Department of Bioengineering, Integral University, Lucknow, India (24th Feb 2020-20th Feb 2023)
- Senior Research Fellow at Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, India (1st July 2019-22nd Feb 2020)

ACADEMIC RECORD

- 2015-19** **Ph.D. (Process and Food Engineering)** from **G B Pant University of Agriculture and Technology**, Pantnagar (UK) with 7.57/10.
- 2018** **National Eligibility Test (NET) Qualified** in the discipline of **Agricultural Structure & Process Engineering** conducted by **ASRB**.
- 2012-14** **M.Tech (Agricultural process & Food Engineering)** from **Aligarh Muslim University**, Aligarh (U.P) with 79.26 %.
- 2008-12** **B.Tech (Food Technology)** from **Islamic University of Science & Technology**, Awantipora (J&K) with 7.59/10.0.
- 2006** **10+2 (PCBM)** from **Iqbal Memorial Institute**, Srinagar (J&K) with 67.16%.
- 2004** **10th** from **Woodlands House School**, Srinagar (J&K) with 73.20%.



PUBLICATIONS (29):

1. Priyanka Dubey, Gyanendra Tripathi, and **Owais Yousuf**, Current scenario and global perspectives of citrus fruit waste as a valuable resource for the development of food packaging film. *Trends in Food Science & Technology* (2023) <https://doi.org/10.1016/j.tifs.2023.104190> (IF: 15.3)
2. Bareera Siddiqui, Alisha Ahmad, **Owais Yousuf**, Kaiser Younis. Exploring the potential of mosambi peel and sago powder in developing edible spoons. *Sustainable Food Technology* (2023) <https://doi.org/10.1039/D3FB00111C>
3. Nuzhat Bashir, Kaiser Younis, **Owais Yousuf**. An Overview Encompassing the Present Status of Jaggery Processing. *Sugar Tech* (2023) <https://doi.org/10.1007/s12355-023-01297-6> (IF: 1.9)
4. Kausar Jahan, Samra Fatima, Khwaja Osama, Kaiser Younis, **Owais Yousuf**. Boosting protein yield from mustard (*Brassica juncea*) meal via microwave-assisted extraction and advanced optimization methods. *Biomass Conversion and Biorefinery* (2023). <https://doi.org/10.1007/s13399-023-04662-3> (IF: 4.0)
5. Alweera Ashfaq, Khwaja Osama, **Owais Yousuf**, Kaiser Younis. Sustainable Nonfarm Approaches to Achieve Zero Hunger and Its Unveiled Reality. *Journal of Agricultural and Food Chemistry* (2023). <https://doi.org/10.1021/acs.jafc.2c09095> (IF: 6.1)
6. H Siddiqui, Z Sultan, **Owais Yousuf**, M Malik, K Younis. A review of the health benefits, functional properties, & ultrasound assisted dietary fiber extraction. (2023) *Bioactive Carbohydrates and Dietary Fibre* <https://doi.org/10.1016/j.bcdf.2023.100356> (CS: 6.2)
7. Nazia Tabassum, Rameez Ahmad Aftab, **Owais Yousuf**, Sadaf Ahmad, Sadaf Zaidi, Application of Nano emulsion based edible coating on fresh-cut papaya. *Journal of Food Engineering* (2023). <https://doi.org/10.1016/j.jfoodeng.2023.111579> (IF: 5.5)
8. Ambreen Fatima Safvi, Alisha Ahmad, Kaiser Younis, **Owais Yousuf**, Development of energy bar by adding underutilized Chironji (*Buchanania lanzan*) seeds, *Food and Humanity* (2023) <https://doi.org/10.1016/j.foohum.2023.04.003>
9. A Ahmad & **Owais Yousuf**. An Overview of Therapeutic Properties of Pomegranate Peel. *Emerging Trends in Nutraceuticals* (2022). <http://dx.doi.org/10.18782/2583-4606.116>
10. Nuzhat Bashir & **Owais Yousuf**. Jaggery as a Potential Source of Nutraceutical in Foods. *Emerging Trends in Nutraceuticals* (2022). <http://dx.doi.org/10.18782/2583-4606.118>
11. Priyanka Dubey, Anupama Singh, **Owais Yousuf**, Ozonation: An Evolving Disinfectant Technology for the Food Industry. *Food and Bioprocess Technology* (2022), <https://doi.org/10.1007/s11947-022-02876-3> (IF: 5.6)
12. Singh, P., Dubey, P., Younis, K., **Owais Yousuf**, A review on the valorization of coconut shell waste. *Biomass Conversion and Biorefinery* (2022). <https://doi.org/10.1007/s13399-022-03001-2> (IF: 4.0)

13. Younis, K., Ashfaq, A., Ahmad, A., Anjum, Z., Owais Yousuf, A Critical review focusing the effect of ingredients on the textural properties of plant-based meat products. *Journal of Texture Studies* (2022). <https://doi.org/10.1111/jtxs.12704> (IF: 3.2)
14. Gaibimei, P., **Owais Yousuf**, Anupama Singh, Iftikhar Alam, Optimization of microwave assisted extraction parameters of betalains pigment from *Celosia argentea* var. *cristata* using box behnken design, *Agricultural Engineering Today*, 46(1) (2022) (NAAS: 4.23)
15. Alisha Ahmad, Priyanka Dubey, Kaiser Younis, **Owais Yousuf**, Mosambi (Citrus limetta) peel and Sago based biodegradable film: Development and characterization of physical, water barrier and biodegradation properties, *Bioresource Technology Reports* (2022) <https://doi.org/10.1016/j.biteb.2022.101016> (CS: 7.8)
16. Jahan, K., Ashfaq, A., Younis, K., Islam, R. U., **Owais Yousuf**, A review of the effects of ultrasound-assisted extraction factors on plant protein yield and functional properties. *Journal of Food Measurement and Characterization* (2022). <https://doi.org/10.1007/s11694-022-01390-6> (IF: 3.4)
17. Jahan, K., Ashfaq, A., Islam, R. U., Younis, K., **Owais Yousuf**, Optimization of ultrasound assisted protein extraction from defatted mustard meal and determination of its physical, structural, and functional properties. *Journal of Food Processing and Preservation* (2022) <https://doi.org/10.1111/jfpp.16764> (IF: 2.6)
18. Ahmad SS, **Owais Yousuf**, Islam RU, Younis K. Silver nanoparticles as an active packaging ingredient and its toxicity. *Packaging Technology and Science* (2021) 1-11. <https://doi.org/10.1002/pts.2603> (IF: 2.6)
19. Younis K, **Owais Yousuf**, Ovais S Q, Kausar J, Khwaja O, Islam RU. Incorporation of Soluble Dietary Fiber in Comminuted Meat Products: Special Emphasis on Changes in Textural Properties. *Bioactive Carbohydrates and Dietary Fibre* (2021) <https://doi.org/10.1016/j.bcdf.2021.100288> (CS: 6.2)
20. Priyanka Dubey & **Owais Yousuf**, An Overview of Fruit by-products Valorization: A step towards Sustainable Utilization, *Indian Journal of Pure and Applied Bioscience* Jan-Feb 2021; 9(1), 46-55 (NAAS: 4.74), ISSN: 2582 – 2845
21. **Owais Yousuf** & Anupama Singh, An innovative approach of development of edible coating for fresh cut apple fruit for value addition of horticultural produce, *Journal of Pharmacognosy and Phytochemistry* 2018. (NAAS: 5.21), ISSN: 2278-4136
22. **Owais Yousuf**, Sushree Titikshya & A Singh, Fresh-cut fruits and vegetables: scope in developing countries and approaches to improve quality and safety, *International Journal of Chemical Studies* 2018; 6(3): 2226-2229 (NAAS: 5.31) ISSN: 2349-8528
23. **Owais Yousuf**, Sushree Titikshya & Anupama Singh, Organic food production through green technology: An ideal way of sustainable development, *The Pharma Innovation Journal* 2018; 7(6): 160-163 (NAAS: 5.03), ISSN: 2277-7695.
24. **Owais Yousuf**, Palmei Gaibimei & Anupama Singh, Ultrasound Assisted Extraction of Oil from Soybean, *International Journal of current Microbiology and Applied Sciences* 2018

7(7): 843-852 (NAAS: 5.38), ISSN: 2319-7706

25. **Owais Yousuf**, Sushree Titikshya, Anupama Singh, Technological Aspects for Assuring Food Safety in Food Production Chain, *Environment and Ecology* 36 (4): 953–958, October–December 2018 (NAAS: 4.20), ISSN: 0970-0420
26. **Owais Yousuf**, Iftikhar Alam, Mohd Ishfaq Bhat and Sushree Titikshya, Assessment of microbial spoilage and techniques to avert the deterioration in fruits and vegetables, *International Journal of Chemical Studies* 2018. (NAAS: 5.31), ISSN: 2349-8528.
27. Palmei Gaibimei, **Owais Yousuf**, Anupama Singh, Ningthoujam Manda Devi, A study on phytochemical screening of *Celosia argentea* var. *crinata* inflorescence extract, *The Pharma Innovation Journal* 2018; 7(10): 284-287 (NAAS: 5.03), ISSN: 2277-7695
28. **Owais Yousuf**, Anupama Singh, N C Shahi, Anil Kumar, A K Verma, Ultrasound Assisted Extraction of Pectin from Orange Peel, *Bulletin of Environment, Pharmacology and Life Sciences*. November 2018: 7 (12): 48-54 (NAAS: 4.95), ISSN: 2277-1808
29. **Owais Yousuf**, A Singh, NC Shahi, A Kumar, AK Verma, Microwave Assisted Extraction: A Technological Alternative for Valorization of Orange Peel for Pectin Extraction, *Inter. Research Journal of Pure & Applied Chemistry* 2018. (NAAS: 5.40), ISSN: 2231-3443

BOOK CHAPTERS (05):

1. **Owais Yousuf** and Anupama Singh, Green Technological Approaches for Food Quality and Safety in Food Supply Chain. *Operations and Supply Chain Management in the Food Industry. Lecture Notes in Management and Industrial Engineering*. Springer, Singapore (2022). https://doi.org/10.1007/978-981-16-5555-5_11
2. Priyanka Dubey, **Owais Yousuf** and Anupama Singh, Advancement in Packaging Technologies for Agri-Food Sector, *Agri-Food 4.0 (Advanced Series in Management, Vol. 27)*, Emerald Publishing Limited, Bingley, pp. 165-178, (2022) <https://doi.org/10.1108/S1877-636120220000027011>
3. Priyanka Dubey, Alisha Ahmad, Ambreen Fatima Safvi and **Owais Yousuf**, Emerging Non-Thermal Technologies in Food Processing. *Food Processing & Supply Chain, (2024)*
4. Nuzhat Bashir, Khwaja Osama and **Owais Yousuf**, Innovative Food Supply Chain Management. *Food Processing & Supply Chain, (2024)*
5. Alisha Ahmad, Nazia Khursheed and **Owais Yousuf**, Smart and Sustainable Packaging Technology. *Food Processing & Supply Chain, (2024)*

BOOKS EDITED (05):

1. **Advances in Food and Bioengineering**, Argon Press, India, (9789394070776)
2. **Food Processing and Supply Chain**, Elite Publishing House, India (9789358999372)
3. **Organic-Based Nanomaterials in Food Packaging**, Springer Nature, Switzerland (Under Process)

4. **Meat Composition and Nutrition**, Apple Academic Press, Canada (Under Process)
5. **The Future of Plant Protein: Innovations, Challenges, and Opportunities**, Springer Nature, Switzerland (Under Process)

POPULAR ARTICLES (17):

1. **Owais Yousuf**, Dr. Rukhsaar's Journey- An Inspiration to The Youth of Kashmir, Greater Kashmir, 19 December 2023
2. **Owais Yousuf**, Water and Food Security: Water is life, water is food. The theme says it all, Greater Kashmir, 16 October 2023
3. Pragya and **Owais Yousuf**, Mango Peel as an Active Source of Functional Ingredients, Agrospheres: e-Newsletter, (2022) 3(6), 18-22, ISSN: 2582 – 7022
4. Nabila Arshad and **Owais Yousuf**, Hidden Treasures of the Underutilized Sweet Potato (*Ipomoea batatas*), Agrospheres: e-Newsletter, (2022) 3(6), 13-17, ISSN: 2582 – 7022
5. Zainab Nusrat and **Owais Yousuf**, Use of Moringa oleifera Leaves as a Functional Food, Agrospheres: e-Newsletter, (2022) 3(6), 5-8, ISSN: 2582 – 7022
6. Nuzhat Bashir & **Owais Yousuf**, An overview of the advancements in Space Food Technology, Current Agriculture Trends: e-Newsletter, (2022) 1(3), 27-34
7. Alisha Ahmad & **Owais Yousuf**, World Food Day 2021 - Our actions are our future, Food & Drink Industry, (2021) 10(2), 24-25
8. Alisha Ahmad & **Owais Yousuf**, Biodegradable Packaging from Agro-Waste, Agrospheres: e-Newsletter, (2021) 2(3), 24-27, ISSN: 2582 – 7022
9. Bareera Siddiqui & **Owais Yousuf**, Hurdle Technology in Food Processing, Agrospheres: e-Newsletter, (2021) 2(4), 88-90, ISSN: 2582 – 7022
10. Ambreen Fatima Safvi & **Owais Yousuf**, Application of Black Cumin (*Nigella sativa*) Seed as Functional Food, Agrospheres: e-Newsletter, (2021) 2(5), 1-4, ISSN: 2582 – 7022
11. **Owais Yousuf**, Stay Safe with Safe Food to Stay away from COVID-19, Greater Kashmir, 6 May 2020
12. **Owais Yousuf**, 5E Food Formula for Healthy Life Style, Greater Kashmir, 22 July 2020
13. Anupama Singh & **Owais Yousuf**, Green Technology in Organic Foods, Indian Farmers Digest, June 2019
14. Rishi Richa, **Owais Yousuf** & Khan Chand, Hurdle Technology: An Approach for Food Preservation, Readers Shelf, March 2018
15. Rishi Richa, **Owais Yousuf** & K. Alam Khan, Food Fortification: A Need of Present and Future, Readers Shelf, October 2017

16. **Owais Yousuf**, Food Safety: The Need of the Hour, Kashmir Images, 12 May 2015
17. **Owais Yousuf**, Food Safety: The Need of the Hour, Rising Kashmir, 11 March 2015

PAPERS PRESENTED AT CONFERENCES (14):

1. **Ozonation: A sustainable advancement in Food Processing** at International Conference on Sustainable Approaches in Food Engineering & Technology organized by Dept. of Food Engineering & Technology, Tezpur University & Dept. of Food Science & Technology, University of Georgia, USA in association with AFSTI.
2. **Emerging technologies in fruit by-products valorization: An overview** at International Conference on Emerging Techniques in Food Processing organized by Department of Food Processing Technology, Ghani Khan Choudhury Institute of Engineering and Technology, Malda, WB on 25-26 March, 2021.
3. **Intervention of technological approaches in food production system for viable quality and safety of food** at International Webinar on Recent Advances in Science and Technology during the Corona Virus Pandemic on 18-20 July 2020, BIT Mesra Ranchi.
4. **Ultrasound Assisted Extraction of Pectin from Orange Peel** at 2nd International Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Development on 22-23 October 2018 at Swami Vivekanand Subharti University, Meerut.
5. **Ultrasound Assisted Extraction of Pectin from Orange Peel: Alternative for Agro-waste Utilization** at 9th conference of Indian Science Congress Association held on Future India: Science & Technology at GBPUAT, Pantnagar on 13-14 October 2018.
6. **An Innovative Approach of Green Technology in Organic Foods for Sustainable Development** at International Conference on Advances in Agricultural & Biodiversity Conservation for Sustainable Development on 27-28 Oct 2017 at C.C.S. University, Meerut.
7. **Development of Edible Coating for Fresh Cut Apple Fruit: An Innovative Approach for Value Addition on Horticultural Produce** at National Symposium on Innovations in Horticulture: Production to Consumption at GBPUAT, Pantnagar on 14-15 September 2017.
8. **Technological innovations in small scale processing** at 30th National Convention of Agricultural Engineers organized by IEI at GBPUAT, Pantnagar on 27-28 Feb 2017.
9. **Reducing post-harvest losses of horticulture produce using novel techniques: An efficient approach for quality and safe horticultural products** at 51st Annual Convention of ISAE at CCS HAU Hissar on 16-18 Feb 2017.
10. **Green Technology in organic foods: An alternative to solve global energy problems** at National symposium on Biofuel: Indian Scenario organized by Uttaranchal University with Uttarakhand state council for science & Technology on 29th April 2016.
11. **Ensuring Quality and Safety of Food Products by Minimal Processing Using Novel Techniques** at International Conference on Recent Advances in Food Processing and Biotechnology organized by Banaras Hindu University on 5-6 April 2016.

12. **Novel edible films and coatings for fresh and minimally processed produce** at 50th Annual Convention of Indian Society of Agricultural Engineer (ISAE) organized by ISAE on 19-21 January 2016.
13. **Green Technology in Organic Foods: Headway for Sustainable Development** at International Conference on Sustainable Development & Technological Innovation organized by Islamic University of Science & Technology, J&K on 23-24 December 2016.
14. **Fresh-cut Fruits & Vegetables: Scope in Developing Countries & Approaches to Improve Quality and Safety** at National conference on Temperate Fruits & Nuts: A way forward for enhancing productivity & quality organized by HSI & CITH on 6-9 Nov. 2016.

WORKSHOPS & CONFERENCES ATTENDED (35):

1. Professional Development Workshop on **Digital Creative Skills** as a part of Adobe Academic Essential Program on 26th August 2023
2. National Seminar on **Smart Materials: Current Scenario and Future Prospects** held on 7th June, 2023 at Shri Mata Vaishno Devi University, Katra.
3. One-Day Workshop on **MOOCs & SWAYAM NPTEL Awareness** organized by Dept. of Electronics & Communication Engineering, Integral University, Lucknow on 29th Jan 2022.
4. International web conference **Trends in Nanotechnology** Organized by Interdisciplinary Nanotechnology Centre AMU, Aligarh, India on January 15, 2022.
5. One Day Workshop on **Waste Management in Residential Society** organized by Faculty Development Centre in collaboration with the School of Mechanical Engineering of Shri Mata Vaishno Devi University, Katra on 17th Dec 2021.
6. One day workshop on **Creating Lab to Land Ecosystem: Challenges & Opportunities** jointly organized by Incubation Centre, Raja Ramanna Centre for Advanced Technology and Indian Institute of Technology, Indore on August 14, 2021.
7. One Week National Workshop on **Industry 4.0 and Internet of Things (IIoT)**, organized by Dept. of Electronics & Communication Engineering, Integral University, Lucknow from 26-30 July, 2021.
8. One-day workshop on **Bioreactor and its scale up strategies** organized by the Department of Bioengineering, Integral University, Lucknow on 26th July 2021.
9. Two Day Workshop on **Healthcare Innovations during COVID Outbreak** organized by Computer Science & Engineering Discipline, at PDPM Indian Institute of Information Technology, Design & Manufacturing, Jabalpur, June 25-26, 2021.
10. Two Day Workshop on **Sustainable Ecosystem Restoration Initiatives & Practices** organized by National Institute of Technology, Assam on 5 & 7 June 2021.
11. Workshop on **L2pro (IP E Learning)** organized by ASSOCHAM held on 20th April, 2021
12. International Panel Discussion on **Human Rights and Individual Liberty** organized by

Legal Aid Clinic, Aligarh Muslim University, Kerala Campus in collaboration with South Asia Students for Liberty on 25th January 2021.

13. One Day Workshop on **Skill and Entrepreneurship Development Opportunities for Youth of J&K** organized by Dept of Bioresources, University of Kashmir with Skill Development Department, Govt. of J&K and JKEDI held on 20th November 2020.
14. **2nd International Roundtable on Liberty-Human Rights** organized by South Asia Students for Liberty in association with Swatantrata Center on 22nd Sept. 2020.
15. Workshop on **Standards Driven Research and Innovation in India** organized by TSDSI in collaboration with IIT Bhilai on 28th July 2020
16. **International Conference on Chemical Science for Drug Discovery & Therapy** organized by Department of Chemistry, VNIT Nagpur from 22-26 July 2020.
17. **IEEE International Conference on Advanced Computing and Communication Technologies for High Performance Applications** organized by Department of CSE, FISAT, Angamaly, Kerala from 2-4 July 2020.
18. One Day National Workshop on **Innovation and Intellectual Property Rights Filing** organized by Innovation Club (Institute Innovation Council), Dr B R Ambedkar National Institute of Technology Jalandhar held on July 01, 2020.
19. **UN75: Student Dialogue on Sustainable Development Goals- How far have we come and what's next?** Organized by Centre for Advanced Study in International Humanitarian Law in collaboration with United Nations 75 held in 2020.
20. **6th ODI Young Scholar Diaspora Conference on Impact of COVID-19 on Diverse Indian Diasporas in Africa: Role, Challenges, Expectations & Emerging Research Agenda** organized jointly by JNU, Central University of Gujarat & Organization for Diaspora Initiatives on 27th June, 2020.
21. Workshop on **Plagiarism-An Opportunity to Learn, Teach & Excel** organized by the Department of Bioresources, University of Kashmir with Turnitin held on 24th June 2020.
22. Virtual **LCMS Conference-2020** organized by Thermo Fisher Scientific on 23 June 2020.
23. **The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop** organized by Teaching Learning Centre, IIT Bombay, 20 Jun 2020.
24. Three-day **DAVCB-CUPB-INYAS Lecture Workshop on Zero Waste** organized by DAV College, Bathinda, Central University of Punjab, Bathinda and Indian National Young Academy of Sciences, New Delhi from 16-18 June, 2020.
25. Conference on **Food Forensics: Investigating Food Crimes & Frauds** organized by Institute of R&D, Gujarat Forensic Sciences University from 16-23 May 2020.
26. Two-day workshop on **Industry Oriented Engineering Education** organized by College of Technology, GBPUAT, Pantnagar on 4-5 May 2018.

27. Two-day workshop on **Space Technology** organized by ISRO at GBPUAT Pantnagar on 4-5 October 2017
28. Two-day seminar on **Food Material Rheology** organized by Anton Paar India, Gurugram, India on 25-26 September 2017.
29. **CCFIS Awareness Session** held on 27-28 February 2017 at GBPUAT Pantnagar organized by Alumni Almamater Advancement Association (4A) Pantnagar.
30. workshop on **Biofuel and Bioenergy in Food Processing Industries: opportunities and Constraints** held at GBPUAT, Pantnagar on 8 February 2017.
31. **Food processing & Packaging** held under Industry Academia Interface on 15 Nov 2016
32. Three-day conclave on **Research excellence through collaboration** held at GBPUAT, Pantnagar organized under TEQIP-II on 6-8 October 2016.
33. Two-day workshop on **Communication and presentation skills** organized during 23-24 April 2016 at GBPUAT, Pantnagar
34. Two-day workshop on **Energy Saving and conservation technologies in Food Processing Industry Systems** organized by Department of PHPFE, GBPUAT, Pantnagar on 18-19 March 2016.
35. Two-day seminar on **Current Issues in Food Safety** organized by the Department of Food ST, University of Kashmir on 27-28 September 2011.

SHORT COURSES AND TRAINING ATTENDED (16):

1. Three days FDP on **The ABC of Accreditations (NAAC)** organized by Association of Muslim Professionals in collaboration with Maulana Azad University, Jodhpur from 28-30 September 2023
2. One-week FDP on **Sustainable Product Design and Manufacturing** organized by Faculty Development Centre, Shri Mata Vaishno Devi University, Katra, Jammu in Collaboration with School of Mechanical Engineering from 10-14 Jan 2022.
3. One-week STTP on **Disaster Management and Risk Reduction – A Geospatial Approach**, Under Lead College Scheme Shivaji University Kolhapur organized by Department of Civil Engineering from 16-21 June 2021
4. Two-week FDP on **Communication Skill: Theory & Practices** organized by Department of Languages, Integral University, Lucknow, 14-25 June 2021.
5. Faculty Development Program cum Training Workshop on **Basic Disaster Management** jointly organized by National Institute of Disaster Management and Invertis University, Bareilly from 24-26 June 2020.
6. One-week **Science Leader Workshop** organized by the Central University Punjab, Bathinda from 22-28 June 2020.

7. Short Term course on **Health GIS: Geoinformatics for COVID19** conducted by Indian Institute of Remote Sensing, during 15-19 June 2020.
8. Three Week course on **Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials** conducted by Indian Institute of Remote Sensing during 13-06-2020 to 01-07-2020.
9. Faculty Development Program cum Training Workshop on **Environment, Water and Disaster Risk Reduction** jointly organized by National Institute of Disaster Management and Sharda University, India from 13-17 July 2020.
10. Two Week course on **Global Navigation Satellite System** conducted by Indian Institute of Remote Sensing during 14-25 September 2020
11. Short Term course on **Satellite Photogrammetry and its Application** conducted by Indian Institute of Remote Sensing, during 29-06-2020 to 03-07-2020
12. One Week Short Term Course on **Reliability, Maintainability and Quality Issues in Process Industries** Organized at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India from 04- 08 August, 2020 under TEQIP-3
13. Two Week course on **Global Navigation Satellite System** conducted by Indian Institute of Remote Sensing during 14-25 September 2020
14. Two Month **International Training in Food Processing at Professional and Vocational Institutions of French Ministry of Agriculture in France** from 17th January to 10th March 2018.
15. Three Month Training in **Milk Plants of Jammu & Kashmir Milk Producers Cooperative Limited (Snow Cap)**, Srinagar from March to May 2012.
16. Three-month **Office Assistant Course** from June-August 2008 at the Srinagar centre of Gandhi Institute of Computer Education & Information Technology, Mumbai.

PROFESSIONAL MEMBERSHIPS (04):

- Life Member of Association of Food Scientists and Technologists of India (AFSTI)
- Life Member of Indian Society of Agricultural Engineers (ISAE)
- Life Member of Global Harmonization Initiative (GHI)
- Associate Member of International Society for Development and Sustainability (ISDS)

ASSISTANTSHIP/SCHOLARSHIP:

- **Ph.D.:** Technical Education Quality Improvement Programme (TEQIP) funded by World Bank
- **M.Tech:** Merit cum means, Ministry of minority affairs, Govt. of India

RESEARCH WORK:

- **Ph.D.:** Comprehensive valorization of Citrus (Kinnow Mandarin) peel through sequential microwave assisted solvent extraction of bioactive compounds and pectin for their application in food
- **M.Tech:** Effect of Sago based edible coating on fresh cut Apple fruit
- **B.Tech:** In plant Training in JKMPCL Milk Plant

AWARDS & ACHIEVEMENTS:

- **Best Oral Paper award** for paper entitled "Ultrasound Assisted Extraction of Pectin from Orange Peel: Alternative for Agro-waste Utilization" presented at "9th conference of Indian Science Congress Association held on Future India: Science & Technology at GBPUAT, Pantnagar on 13-14 October 2018.
- **Best Paper award** for paper entitled "Technological innovations in small scale processing presented at 30th National Convention of Agricultural Engineers organized by Institute of Engineers at GBPUAT, Pantnagar on 27-28 Feb 2017.
- **2nd position** in **RESURGENCE 2010** Quiz Competition held from 8 – 10th April 2010 at Shri Mata Vaishno Devi University, J&K
- **3rd position** in **RESURGENCE 2009** Skit Competition held from 9 – 11th April 2009 at Shri Mata Vaishno Devi University, J&K
- **Competition Success Review Essay Contest no. JEC-647** held in March 2009 and has won **Highly Commendable Prize**.
- **Great Scientist Contest** conducted by Junior Science Refresher in June 2008 and won **Best Article Award**.
- **Pravesh Pad training & Test and Patrol Leaders training & Test of J&K Scouts & Guides** held at Gulmarg, J&K from 22-28th July 2003.
- **Five Days Rock Climbing Programme** conducted by **National adventure Foundation**, J&K Chapter at Srinagar from 11-16th June 2003.

ACADEMIC/ADMINISTRATIVE DUTIES WITHIN/OUTSIDE UNIVERSITY:

- Paper setter for NIFTEM, Kundli Haryana from 2020 to till date.
- Paper setter for Uttaranchal University, Dehradun, from 2020 to till date.
- External Examiner for SRM University, Lucknow from 2021 to till date.
- Course Coordinator for M. Tech (Food Tech) Program from 2020 to 2022 at IU.
- Course Coordinator for B. Tech (Food Tech) Program from 2022 to 2023 at IU.

- Dissertation Coordinator for Dept. of Bioengineering from 2022 to 2023 at IU.
- Departmental Coordinator, Training & Placement, IUST from March 2023.
- Departmental Coordinator, Industrial Connect, IUST from March 2023.

INVITED TALKS DELIVERED (05):

- **Guest Speaker** during the **Two-Days Training program for DRPs** in One District One Product under the Pradhan Mantri Formalisation Of Micro Food Processing Enterprises Scheme (PMFME) from 17-18th March, 2023 organized by the Department of Food Technology, IUST and Department of Horticulture, UT of J&K.
- **Resource Person** for the technical training (module 7) scheduled under the 6-week **TEDP on FOOD TECHNOLOGY** sponsored by DST jointly organized by GSSS Institute of Engineering and Technology for Women, Mysore, and NIFTEM (Dept. of FST, FE & BAS) from 3rd - 6th March 2021.
- **Keynote Speaker** in the **Faculty Development Programme on Food Safety Management and Regulations** jointly organized by the Department of Food Science and Technology and Centre for Food Research and Analysis, NIFTEM, Haryana during March 21-28, 2022.
- **Featured Speaker** in the **Enspire Summit-2020** organized by Energy Innovation Network, California, USA, and delivered a talk on Futuristic Food Engineering among the 11 Global Enablers from 8 countries of Asia, Africa, Europe, and the Americas.
- **Invited Speaker** in the **International Conference on Functionality of Food Components and Emerging Technologies in Life Sciences for Sustainability** organized by Uttaranchal University on 16-17 October, 2023.

REFERENCES:

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