

## Academic Profile



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### **DR. ASHOK KUMAR YADAV**

**Ph. D.** : Food Science & Technology  
**M. Sc.** : Food Science & Technology  
**M. Sc.** : Chemistry  
**E-mail** : [ashok.yadav@rgu.ac.in](mailto:ashok.yadav@rgu.ac.in),  
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### ***EXPERIENCE:-***

- Presently working as Assistant Professor, Department of Food Technology, Rajiv Gandhi University, since 29 May 2023.
- More than 07 years of teaching and research experience as Assistant Professor, Food Processing and Management in Deen Dayal Upadhyay Kaushal Kendra, Rajiv Gandhi South Campus, Banaras Hindu University from 07 December 2015 to 25 May 2023.
- 14 Months Research Experience as “Project Fellow” in Department of Chemical Engineering and Technology IIT, BHU on a project entitled “Value addition in the processing residue of Kinnow” from 03 August 2010 to 14 October 2011.

### ***OBJECTIVE:-***

To apply my knowledge, skills and hard-working ability in academics, administration and industries for technological development of novel and value added nutraceutical products and improving the food security, safety and knowledge standard of our countrymen.

### ***AREA OF INTEREST:-***

Food Packaging  
Nutraceutical foods  
Functional Foods  
Dairy Processing  
Food Processing and Preservation  
Fermented Foods

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## ***ACADEMICS***

- Ph.D. in Food Science & Technology from Banaras Hindu University, Varanasi with **8.21 OGPA** in 2015.  
**THESIS** on “Characterization of *Withania somnifera* (Ashwagandha) extract modulated *Shrikhand* and its immunological study in *salmonella* infected mice model”

- M.Sc. in Food Science & Technology from Banaras Hindu University, Varanasi with **8.31 OGPA** in 2010.  
**THESIS** on “Optimization of Process for Khajoor Rasogolla”.
- M.Sc. in Chemistry from VBS Purvanchal University, Jaunpur with **61.00 %** in 2008.
- B.Sc. in Botany & Chemistry from VBS Purvanchal University, Jaunpur with **64.40 %** in 2006.
- 10+2 with **65.00 %** from CBSE board in 2002.
- 10<sup>th</sup> with **72.00 %** from CBSE board in 2000.
- Member of AFSTI
- ICAR NET Qualified in Food Technology in the year 2014.

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### ***INSTRUMENTS HANDLED***

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Texture Analyser, UV Visible Spectroscopy, Lyophilizer, Soxhlet, Kel Plus (Kjeldahl), Spray dryer, High Performance Liquid Chromatography, Gas Chromatography Mass Spectroscopy, Fermenter, Viscometer, Modified Atmospheric Packaging and Atomic Absorption Spectroscopy.

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### ***TRAINING/WORKSHOP***

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- 100 days training in Food Processing Entrepreneurship Development Training from 01.11.2008 to 08.02.2009 organized by Department of Horticulture and Food Processing Uttar Pradesh at Banaras Hindu University.
- 45 days Summer Training in Delhi Milk Scheme (New Delhi) in Production and Quality Control section from 18.05.2009 to 29.06.2009.
- Attended 15 days Faculty Development Programme in Entrepreneurship jointly organized by Malviya Centre for Innovation, Incubation and Entrepreneurship, IIT, BHU and DDU Kaushal Kendra, BHU from 13 January 2016 to 28 January 2016.
- Participated in Eight days Workshop on Statistics on Microsoft excel organized by Rajiv Gandhi South Campus, Banaras Hindu University from 21 March 2017 to 28 March 2017.
- Attended 21 days Advanced Faculty Training on “Challenges and opportunities in food processing in context to value addition and post harvest management of agricultural products” organized by Centre of Advanced Faculty Training, Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University during 01-21 September 2017.

- Participated in One Week National Workshop on Research Design organized by Faculty of Education, Raja Harpal Singh Mahavidyalaya, Singrauli, Jaunpur, Uttar Pradesh during 22 February 2018 to 28 February 2018.
- Participated in One Week Workshop on Transcendental Meditation organized by Rajiv Gandhi South Campus in association with Maharishi Vedic University held from 1<sup>st</sup> to 7<sup>th</sup> February 2019 at Rajiv Gandhi South Campus.
- Attended 15 days Faculty Development Programme on “Research Methodology and Research writing” organized by DDU Kaushal Kendra, Banaras Hindu University at Rajiv Gandhi South Campus from 28 February to 16 March 2019.
- Attended a 05 days Training And Learning (ATAL) Academy Online Elementary FDP on " Non-Thermal Processing of Food Products" from 29.06.2021 to 03.07.2021 at College of Food Processing Technology and Bio Energy organized by ALL INDIA COUNCIL FOR TECHNICAL EDUCATION Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070.
- Participated in 21 days Advanced Faculty Training in Food Processing on “Recent Advances in Food and Bioprocessing Technologies” organized by ICAR sponsored Centre for Advanced Faculty Training at Department of Dairy Science and Food Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi from 28 October 2022 to 17 November 2022.
- Completed the Online Month-long Faculty Induction Programme (FIP) organized by Teaching Learning Centre, Tezpur University during 02-31 August 2023 under PMMMMNMTT Scheme of Ministry of Education, Government of India. Grade Obtained A+, Certificate Reference No: TLC/TU/FIP2-2023/7.
- Completed 15 days Online Interdisciplinary Refresher Course on Pedagogy in Higher Education under Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by MMTTC, Tezpur University from 14/11/2023 to 28/11/2023. Grade Obtained A+, Certificate No: MMTTC/TU/IDRC/NOV/60.

### ***RESEARCH PUBLICATIONS***

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- A Research Paper, Topic- “Optimization of Process for the manufacture of *Khajoor gur Rasogolla* using Response Surface Methodology” authored by **Ashok Kumar Yadav**, Alok Jha and Tanweer Alam in Journal of Dairying Foods and Home Sciences (2012) 31:3. 161-167 ISSN: 0971-4456. Online ISSN : 0976-0563.
- A Technical Paper, Topic- “Preservation and Processing of Livestock Products” authored by **Ashok Yadav** and Arvind in Processed Food Industry (2012). 15:7. 22-26. ISSN:09721649.

- A Technical Paper, Topic- “Modified Atmospheric Packaging of Dairy Products” authored by **Ashok Kumar Yadav** and Arvind in Processed Food Industry (2012). 15:7. 22-26. ISSN: 09721649.
- A Review Paper, Topic- “Osmotic Dehydration of Fruits and Vegetables: A Review” authored by **Ashok Kumar Yadav** and Satya Vir Singh in Journal of Food Science and Technology (Sept 2014). 51(9): 1654-1673. DOI 10.1007/s13197-012-0659-2. Springer Publication.
- A Mini review Paper, Topic- “Functional properties of Protein” authored by **Ashok Kumar Yadav** and Dinesh Chandra Rai in Trends in Biosciences (2015). 8(2) ISSN 0974-8, 275-284.
- A Research Paper, Topic- “Sensory and Texture Profile Analysis of *Ashwagandha* Root Extract Modulated *Shrikhand*” authored by **Ashok Kumar Yadav** and Dinesh Chandra Rai in Trends in Biosciences (2015). 8(3) ISSN 0974-8, 827-829.
- A Research paper on “Comparative study of the physico-chemical and functional properties of *Ashwagandha* root extract enriched *Shrikhand* and control *Shrikhand* during storage” authored by **Ashok Kumar Yadav** and Dinesh Chandra Rai in Journal of Pharmacognosy and Phytochemistry (2018), 7(2): 1172-1179 ISSN: 2349-8234.
- A Research paper on “In vitro screening of Ashwagandha root extracts for the maximum functional components” authored by **Ashok Kumar Yadav** and Dinesh Chandra Rai in The Pharma Innovation Journal, (2018), 7(2): 12-16. ISSN: 2349-8242.
- A Research paper on “Chemical Analysis of Low Calorie Fiber enriched Herbal *Gulabjamun*” authored by Manvendra Singh, D. C. Rai and **Ashok Kumar Yadav** in Chemical Science Review and Letters (2018), 7(25): 88-106. ISSN: 2278-6783.
- A Research paper on “Sensory and textural profile analysis of low calorie fiber enriched herbal gulabjamun” authored by Manvendra Singh, D. C. Rai and **Ashok Kumar Yadav** in Journal of Pharmacognosy and Phytochemistry (2018), 7(1):974-980. ISSN: 2349-8234.
- A Research paper on “Process optimization, microbiology and cost analysis of low calorie fiber enriched herbal *Gulabjamun*” authored by Manvendra Singh, D. C. Rai and **Ashok Kumar Yadav** in The Pharma Innovation Journal, (2018), 7(1): 306-311. ISSN: 2349-8242.
- A Research paper on “Study on Physico-Chemical and Microbial Quality of Raw Milk Collected From Different Places of Assi Region in Varanasi City, Varanasi” authored by Pankaj Kumar Gupta, Dinesh Chandra Rai, Vinod Kumar Paswan, Rajendra Panta and **Ashok Kumar Yadav** in Asian Journal of Dairy and Food Research, (2020). 39(1): 1-9.

- A Short Communication paper on “Artificial Senses for Sensory Analysis in Food Processing Industries” authored by **Ashok Kumar Yadav** and Surabhi Pandey in Trends in Biosciences (2020). 13(2): 112-122. ISSN: 0974-8431.
- A Review Paper on “Nutritional and nutraceutical properties of goat milk for human health: A review” authored by Dinesh Chandra Rai, Aman Rathaur, **Ashok Kumar Yadav** and Shraddha in Indian Journal of Dairy Science (2022). 75(1): 1-10. ISBN: 2454-2172.
- A Research Paper on “Effect of dietary supplements of linseed (*Linum usitatissimum* L.) On fatty acid profile and meat quality of broiler chickens” authored by Aman Rathaur, Dinesh Chandra Rai, **Ashok Kumar Yadav**, Vinod Bhatshwar and Uday Pratap Singh in Annals of Phytomedicine (2022). 11(1): 731-738. ISBN: 2393-9885.
- A Review Paper on “Nanotechnology in food processing industries” authored by **Ashok Kumar Yadav**, Arvind and Ridhi Pandey in Journal of Phytonanotechnology and Pharmaceutical Sciences (2022). 2(2):1-8. ISBN: 2583-0376.
- A Research Paper entitled “Effect of Dietary Supplementation of Safflower (*Carthamus tinctorius* L.) Seed on Carcass Traits, Nutrient Utilization, Cost Economics and Blood Biochemistry in Broiler Chicken” authored by Aman Rathaur, Dinesh Chandra Rai, Ved Prakash and **Ashok Kumar Yadav** in Animal Nutrition and Feed Technology (2023). 23: 469-478. ISSN 0972-2963. DOI: 10.5958/0974-181X.2023.00039.2

### ***LAB MANUALS***

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- Food Adulteration Manual authored by Prof. Anil Kumar Chauhan, Dr. Arvind, Er. D.S. Bunkar, Ms. Shikha Pandhi, Dr. Mohammed Ahmed Qasem Alsebaei and **Dr. Ashok Kumar Yadav** published by Kishor Vidya Niketan, Varanasi and Centre of Food Science and Technology, Institute of Agricultural Sciences, Varanasi (2018). ISBN: 978-81-937042-8-8.
- Texture Analysis Manual (Dairy and Cereal Products) authored by Arvind, Anil Kumar Chauhan and Durga Shankar Bunkar and Associate Contributors Mohammed Ahmed Qasem Alsebaei, **Ashok Yadav**, Poonam Yadav and Shikha Pandhi published by Kishor Vidya Niketan, Varanasi and Centre of Food Science and Technology, Institute of Agricultural Sciences, Varanasi (2019). ISBN: 978-81-940152-2-2.

### ***BOOK CHAPTERS***

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- A book chapter entitled “Make in India in Food Processing” authored by **Ashok Kumar Yadav** and Vivek Mishra in the edited book Make in India Turning Dream into Reality of Bharti publications New Delhi (2016) with ISBN No. 978-93-85000-60-7. Pages 210-215
- A Book chapter entitled “Entrepreneurial scope of Food Processing Sector” authored by **Ashok Kumar Yadav** and Paras Porwal in the edited book Creativity and Innovation in Entrepreneurship Management The Paradigm

Shift of Bharti Publication, New Delhi (2016) with ISBN no. 978-93-85000-95-9 Pages 34-41

- A Book chapter entitled “An Overview of Encapsulation Technologies for Food Applications” authored by Paras Porwal, Abhinav Sharma and **Ashok Kumar Yadav** in the edited book Creativity and Innovation in Entrepreneurship Management The Paradigm Shift of Bharti Publication, New Delhi (2016) with ISBN no. 978-93-85000-95-9 Pages 269-276
- A Book chapter entitled “Improvement of Dairy Sector by the Utilization of Dairy By-Products” authored by Pankaj Kumar Gupta, Satya Prakash Yadav, **Ashok Kumar Yadav** and Priyanka Meena in the edited book Nutraceuticals and Food Processing Technology Innovative Scientific Research of Bharti Publication, New Delhi (2017) with ISBN no. 978-81-933172-0-4 Pages 95-105
- A Book chapter entitled “Organic Foods Vs Conventional Foods” authored by **Ashok Kumar Yadav** in the edited book Agri Business Marketing of Bharti Publication, New Delhi (2017) with ISBN no. 978-81-933475-5-3 Pages 17-21
- A Book chapter entitled “Wheatgrass juice: An emergence of natural medicine for human being” authored by Dilip Kumar, Sudhir Kumar and **Ashok Kumar Yadav** in the edited book Retail Marketing and Supply chain management Strategy, Implementation and Current Practices of Bharti Publication, New Delhi (2017) with ISBN no. 978-93-85000-46-1 Pages 204-211
- A Book chapter entitled “Milk Production and Marketing: Challenges of Farmer” authored by Prity Singh, Satya Prakash Yadav and **Ashok Kumar Yadav** in the edited book Multidisciplinary Perspectives in Retail Marketing & Logistics Management of Bharti Publication, New Delhi (2017) with ISBN no. 978-93-85000-47-8 Pages 103-106
- A Book chapter entitled “Pulse: The Super Toffee” authored by Nitin Srivastava, Vivek Mishra, **Ashok Kumar Yadav** and Dr. Anuj Kumar Gautam in the edited book Multidisciplinary Perspectives in Retail Marketing & Logistics Management of Bharti Publication, New Delhi (2017) with ISBN no. 978-93-85000-47-8 Pages 204-211
- A Book Chapter entitled “Technology of Protein rich vegetable based formulated foods” authored by Dinesh Chandra Rai and **Ashok Kumar Yadav** in the edited book Processing Technologies for milk and milk products Methods, Application and energy Usage under book series Innovations in Agriculture and Biological Engineering of Apple Academic Press CRC publication and Taylor and Francis USA (2017) with ISBN: 978-1-77188-548-5 Pages 120-134
- A Book Chapter entitled “Finger Millet: Nutritional Quality, Processing and Potential Health Benefits” authored by Poonam Yadav, Anil Kumar Chauhan, **Ashok Kumar Yadav** and Mohammed Alsebaei in the edited book Recent Advances in Food Processing and Technology of Bharti Publication, New Delhi (2018) with ISBN: 978-93-86608-49-9 Pages 57-63

- A Book Chapter entitled “Cordycep mushroom Coffee: An energy Tonic” authored by Rishabh Tiwari, **Ashok Kumar Yadav** and Manju Tiwari in the edited book Recent Advances in Food Processing and Technology of Bharti Publication, New Delhi (2018) with ISBN: 978-93-86608-49-9 Pages 278-282
- Book Chapter entitled “Marketing and Production: Challenges to Reach Processed Safe Milk and Milk Products Door to Door” authored by Mohammad Aquibi and **Ashok Kumar Yadav** in the edited book Recent Advances in Food Processing and Technology of Bharti Publication, New Delhi (2018) with ISBN: 978-93-86608-49-9 Pages 323-332
- A Book Chapter entitled “Antioxidants in Fruits and Vegetables” authored by **Ashok Kumar Yadav** and Dinesh Chandra Rai in the edited book Food Technology From Health to Wealth and Future Challenges of Bharti Publication, New Delhi (2018) with ISBN: 978-93-86608-39-0 Pages 61-81
- A Book Chapter entitled “Processing and Packaging Techniques for Meat, Fish and Poultry” authored by **Ashok Kumar Yadav** and Lakshita in the edited book Sustainable Development through Food and Nutritional Security of Daya Publishing House A division of Astral International Pvt. Ltd. New Delhi (2020) with ISBN 978-93-88982-95-5 Pages 221-232
- A Book chapter entitled “Functional Foods and New Product Development” authored by Arvind, **Ashok Kumar Yadav** and Dinesh Chandra Rai in the edited book Handbook of Agriculture, Environment and Biotechnology of Association of Agriculture, Environment and Biotechnology publisher, New Delhi (2021) with ISBN 978-81-948260-0-2 Pages 547-559
- A Book chapter entitled “Nutraceuticals: Novel Food Products” authored by **Ashok Kumar Yadav** and Surabhi Pandey in the edited book Recent Approaches in Sustainable Agriculture Development and Food Security, Crop Management, Forestry, Food Technology and Environmentally Balanced Production Enhancement: Part-II of Mahima Research Foundation and Social Welfare Publisher, Varanasi (2021) with ISBN 978-81-943375-4-6 pages 166-177
- A Book chapter entitled “Role of Enzymes in Biofuel Production” authored by **Ashok Kumar Yadav**, Surabhi Pandey, Abhishek Dutt Tripathi and Veena Paul in the edited book Bioenergy Research Evaluating Strategies for Commercialization and Sustainability of Wiley Publisher, USA (2021) with ISBN 978-11-197720-9-5 pages 1-18
- A Book Chapter entitled “Biofertilizers- Mediated Sustainable Plant Growth and Production Under Adverse Environmental Conditions” authored by Swetika Porwal, Akhilesh Kumar Singh, **Ashok Kumar Yadav**, Sudhir Kumar and Paras Porwal in the edited book, Plant Performance Under Environmental Stress Hormones, Bio stimulants and Sustainable Plant Growth Management of Springer Nature publication Switzerland (2021) with ISBN 978-3-030-78520-8 pages 437-457
- A Book Chapter entitled “Utilization of Food Waste for Biofuel Production” authored by Kamini Pandey, **Ashok Kumar Yadav**, and Charu

Goel in the edited book, Food Waste to Green Fuel: Trend & Development, Clean Energy Production Technologies, of Springer Nature Publication Singapore (2022) with ISBN 978-981-19-0812-5 Pages 1-24.

- A Book Chapter entitled “Fuminosins in Food and Feed: Their detection and Management Strategies” authored by Shubhangi Srivastava, **Ashok Kumar Yadav**, Mousumi Ghosh, Dipendra Kumar Mahato, Madhu Kamle, Pooja Pandey, Sreemoyee Chakraborty and Pradeep Kumar in the entitled book, Mycotoxins in Food and Feed: Detection and Management Strategies, of CRC Press Taylor and Francis Group, London, New York (2023) with ISBN 978-1-032-11392-0 Pages 29.
- A Book Chapter entitled “Zearalenone in Food and Feed: Occurrence, Biosynthesis, Detection and Management Strategies” authored by Shikha Pandhi, **Ashok Kumar Yadav**, Vidhi Tyagi, Saloni Akansha Gupta, Surabhi Pandey, Dipendra Kumar Mahato, Pradeep Kumar, Arun Kumar Pandey and Arvind Kumar in the entitled book, Mycotoxins in Food and Feed: Detection and Management Strategies, of CRC Press Taylor and Francis Group, London, New York (2023) with ISBN 978-1-032-11392-0 Pages 311.

### ***EDITED BOOKS***

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- Co-editor Prof. R.P. Shukla, Dr. R.S. Mishra, Dr. Abhishek Dutt Tripathi, **Dr. Ashok Kumar Yadav**, Dr. Manju Tiwari and Dr. Raghvendra Raman Mishra of an edited book of Bharti Publication, New Delhi entitled “Nutraceuticals and Food Processing Technology Innovative Scientific Research” ISBN no. 978-81-933172-0-4. Year 2017.
- Co-editor R.P. Shukla, Dr. R.S. Mishra, Dr. Abhishek Dutt Tripathi, **Dr. Ashok Kumar Yadav**, Dr. Manju Tiwari and Dr. Raghvendra Raman Mishra of an edited book of Bharti Publication, New Delhi entitled “New Perspective in Agriculture and Human Health” ISBN no. 978-81-933475-1-5. Year 2017.
- Co-editor **Dr. Ashok Kumar Yadav**, Dr. R.S. Mishra, Dr. Manju Tiwari, Vivek Mishra and Dr. R.R. Mishra of an edited book of Bharti Publication, New Delhi entitled “Sustainable Technologies for Better Environment” ISBN: 978-93-86608-51-2. Year 2018.
- Co-editor **Dr. Ashok Kumar Yadav**, Dr. Triyugi Nath, Dr. R.S. Mishra, Dr. Manoj Kumar Singh and Dr. Manju Tiwari of an edited book of Bharti Publication, New Delhi entitled “Sustainable Agriculture for Food Security” ISBN 978-93-86608-50-5. Year 2018.
- Co-editor Dr. Pragya Mishra, Dr. Raghvendra Raman Mishra, Dr. Ratna Shanker Mishra and **Dr. Ashok Kumar Yadav** of an edited book of Bharti Publication, New Delhi entitled “Food Technology from Health to Wealth and Future Challenges” ISBN 978-93-86608-39-0. Year 2018.
- Co-editor Dr. Abhishek Dutt Tripathi, Dr. R.S. Mishra, **Dr. Ashok Kumar Yadav**, Dr. Manju Tiwari, Dr. Sana Fatma and Dr. R.R. Mishra of an edited



book of Bharti Publication, New Delhi entitled “Recent Advances in Food Processing and Technology” ISBN 978-93-86608-49-9. Year 2018.

- Co-editor Dr. Pragya Mishra, Dr. Sana Fatma, Er. Ved Kumar Jaiswal, Dr. Sudhir Kumar, **Dr. Ashok Kumar Yadav**, Dr. Raghvendra Raman Mishra, Er. Gaurav Verma and Dr. R.S. Mishra of an edited book entitled “Advances in Food Processing and Management for Health Benefits and Nutritional Security” ISBN 978-81-942473-9-5. Year 2019.

### ***INTERNATIONAL SEMINARS***

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- Presented a paper entitled “Nutrigenomics: Recent Advancement for nutritional health” at 19<sup>th</sup> World Congress on Clinical Nutrition organized by Institute of Medical Sciences, BHU, Varanasi and International College of Nutrition held at Institute of Medical Sciences, BHU, Varanasi during 13-15 March 2015.
- Presented an Oral paper and poster entitled “Optimization of the process for the manufacturing of functional *Shrikhand* using *Ashwagandha* through RSM” in an International conference on Sustainable innovations in Dairying held at Rajgir, Nalanda, Bihar organized by DTSI, Karnal and Sanjay Gandhi Institute of Dairy Technology, Patna during 2-5 April 2015.
- Presented an Oral paper on “Screening of *Ashwagandha* Root Extract for the maximum functional components” in an International conference on Recent Advances in Food Processing and Biotechnology organized by Centre of Food Science and Technology, Institute of Agricultural Science, Banaras Hindu University held at Centre of Food Science and Technology, BHU, Varanasi on 5-6 April 2016.
- Presented a paper entitled “Artificial Intelligence in Food Processing Industries” in 1<sup>st</sup> International Conference and Integrated Meeting on Prospective of Medical, Food, Pharma and Agro Technology: From Health to Wealth and Future Challenges organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus, Banaras Hindu University on 19 and 20 February 2018.
- Presented a paper titled “Invitro screening and comparative analysis of Ashwagandha Root Extracts for Maximum Bioactive Components” in the 3<sup>rd</sup> International Convention on Green Environment, Technology and Entrepreneurship through Innovation (ICGETEI-2023), held at Amity University Rajasthan, Jaipur during 9<sup>th</sup> to 11<sup>th</sup> August 2023.
- Presented a paper entitled “Supercritical Fluid Extraction: An upcoming Green Technology” in an International Conference on Sustainable Natural Resource Research -2023 (ICSNRR-2023) online organized by Society for Ecological Sustainability, Odisha, in association with Department of Environmental Science, School of EarthScience, PAH Solapur University, Maharashtra, Meadow Agriculture Private Limited and Sidvi Foundation registered as microenterprise with MSME, Govt. of India, on 18-19 November 2023.

## ***NATIONAL SEMINARS***

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- Presented a Paper entitled “Extarction and incorporation of nutraceuticals from Black Grapes (*Vitis vinifera*) for manufacturing of functional yoghurt” in a National Seminar on Recent Advances in the Development of Natural Antioxidants organized by Guru Nanak Institute of Technology Kolkata sponsored by AICTE on 12-13 March 2013.
- Presented a paper entitled “Comparative study of the physico chemical and functional properties of Ashwagandha Root Extract Enriched Shrikhand and control Shrikhand during storage” in a National Seminar on Dairy Value Chain in Eastern India: Prospects and Challenges at Banaras Hindu University held during 16-17 December 2015.
- Presented a paper entitled “Role of Make in India Programme in Improving Indian Food Security” in a National Seminar on Make in India: Problems and Prospects held on 18 March 2016 at Banaras Hindu University organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus.
- Presented a paper entitled “Food Processing Sector: Customer Focus in New Business Culture” in a National Seminar on Paradigm Shift in Innovation Business Management organized by Office Management and Corporate Secretaryship, Faculty of Arts, BHU held on 05 November 2016 at Banaras Hindu University.
- Presented a paper entitled “Trends of Food Habits for increasing the Tourism in India” in a National Seminar on Hospitality and Tourism Education in India: Current Status and Future Perspectives held on 14 January 2017 at Banaras Hindu University organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus.
- Presented a paper entitled “Organic Foods Vs Conventional Foods” in a National Seminar on Paradigm Shift in Agri business and rural Development held on 05 March 2017 at Rajiv Gandhi South Campus organized by MBA Agribusiness, Institute of management Studies, Rajiv Gandhi South Campus, BHU.
- Presented a paper entitled “Role of Supply Chain Management in Food Security” in a National Seminar on Retail, Logistics and Supply Chain Management – Issues, Challenges and Prospects held on 15 April 2017 at Banaras Hindu University organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus.
- Presented a paper entitled “Role of Digital India Scheme and Cashless Transactions in Improving the cottage scale Food Processing Industries” in a National Seminar on Efficient Implementation of Digital India and Cashless Transaction organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus at Rajiv Gandhi South Campus, BHU on 03 February 2018.

## ***RESOURCE LECTURES***

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- Delivered a resource lecture on topic “Food Nutrition in Human Health” in three days hands on training workshop and symposium on Biomedical Technology: From Health to Wealth and Future Challenges organized by Institute of Medical Sciences, Banaras Hindu University held during 24 October to 26 October 2016.
- Delivered a resource lecture on topic “Challenges and Issues in Setting up of Food Processing Industries” in one week workshop on Setting up of small scale Food Processing Units organized by DDU Kaushal Kendra, Banaras Hindu University held during 02 January to 09 January 2017 held at Banaras Hindu University.
- Delivered a resource lecture on topic “Importance of Food Pattern in development of Hospitality and Tourism Sector in India” in one week workshop on Entrepreneurial Skills and Research Methods in Hospitality and Tourism Sector organized by DDU Kaushal Kendra, Banaras Hindu University held during 24 February to 02 March 2017.
- Delivered a lecture on “Laws and Regulations against Child Marriage” in One day training on “Creating Gender Champion and Youth for Change for Ending Child Marriage, Violence and to promote Gender Equality” organized by Rajiv Gandhi South Campus, BHU and National Service Scheme Cell, Department of Higher Education, Government of UP and UNICEF Lucknow UP on 25 December 2017

## ***COMMITTEE MEMBERS***

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- Member of the Organizing Committee in a DST sponsored Inspire Internship Science Camp held at Banaras Hindu University during 30 August to 03 September 2015.
- Member of Organizing committee of 15 days Faculty Development Programme in Entrepreneurship jointly organized by Malviya Centre for Innovation, Incubation and Entrepreneurship, IIT, BHU and DDU Kaushal Kendra, BHU from 13 January 2016 to 28 January 2016
- Joint Organizing Secretary in the National Seminar on “Make in India: Problems and Prospects” held on 18 March 2016 organized by DDU Kaushal Kendra, BHU at Rajiv Gandhi South Campus, Banaras Hindu University.
- Acted as Session Coordinator in National Seminar on Make in India: Problems and Prospects organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus on 18 March 2016.
- Acted as Rapporteur in an International Conference on Recent Advances in Food Processing and Biotechnology organized by Centre of Food Science and Technology, Institute of Agricultural Science, Banaras Hindu University during 5-6 April 2016.

- Joint Organizing Secretary in the National Seminar on “Paradigm Shift in Innovation Business Management” held on 05 November 2016 organized by Office Management and Corporate Secretaryship, Faculty of Arts, BHU at Banaras Hindu University.
- Acted as Session Coordinator in National Conference on Paradigm Shift in Innovative Business Management organized by Office Management and Corporate Secretaryship, Faculty of Arts, BHU on 05 November 2016
- Organized one week workshop on Setting up of small scale Food Processing Units organized by DDU Kaushal Kendra, Banaras Hindu University held during 02 January to 09 January 2017 held at Banaras Hindu University.
- Joint Organizing Secretary in the National Seminar on “Hospitality and Tourism Education in India: Current Status and Future Perspectives” held on 14 January 2017 organized by DDU Kaushal Kendra, Banaras Hindu University at Banaras Hindu University, Varanasi.
- Acted as Keynote Speaker in a National Seminar on Hospitality and Tourism Education in India: Current Status and Future Perspectives held on 14 January 2017 at Banaras Hindu University organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus.
- Organizing Secretary of a National Seminar on Trends and Innovations in Human Health, Agriculture and Food Processing Technology organized by DDU Kaushal Kendra, BHU held on 25 March 2017 at Rajiv Gandhi South Campus, Banaras Hindu University.
- Joint Organizing Secretary in the National Seminar on “Retail, Logistics and Supply Chain Management- Issues, Challenges and Prospects” held on 15 April 2017 organized by DDU Kaushal Kendra, Banaras Hindu University at Rajiv Gandhi South Campus.
- Acted as Keynote Speaker in a National Seminar on Retail, Logistics and Supply Chain Management- Issues, Challenges and Prospects held on 15 April 2017 at Rajiv Gandhi South Campus organized by DDU Kaushal Kendra, Rajiv Gandhi South Campus.
- Joint Organizing Secretary in National Seminars on “Food Processing and Management: Steps for Global Food Security” organized by DDU Kaushal Kendra, BHU held on 16 October 2019 at Rajiv Gandhi South Campus, BHU.
- Coordinator in Scientific Session in an International Conference “PARAMEDICON” organized by Pharmacy (Ay), Faculty of Ayurveda, IMS, RGSC and Medical Laboratory Technology Course, DDU Kaushal Kendra, RGSC, BHU held on 7-8 April, 2022 at Rajiv Gandhi South Campus, BHU.
- Member of the Organizing Committee in a Webinar on “Role of Food Technology in Meeting Skills and Entrepreneurial Needs as Per NEP 2020” Organized by Department of Food Technology, Rajiv Gandhi University, Arunachal Pradesh, India held on July 28, 2023.

- Member of the Organizing Committee in a Webinar on “NEP 2020: Entrepreneurial Opportunities in Functional Food and Nutraceutical Sector” Organized by Department of Food Technology, Rajiv Gandhi University, Arunachal Pradesh, India held on 28 July 2023.
- Member of the editorial board of a Monthly Agriculture based Hindi Magazine *Krishikumbh*. ISSN 2582-9769.
- Member of the Swachta Committee for the 21<sup>st</sup> Convocation of Rajiv Gandhi University, Arunachal Pradesh, India held on 30 November 2023 by the approval of Hon’ble Vice Chancellor.
- Member of the Organizing Committee of an Online Awareness Programme on GI and Local Food Products of Arunachal Pradesh” under People’s choice campaign, Ministry of Commerce and Industry, Government of India, organized by Department of Food Technology, Rajiv Gandhi University held on November 9, 2023
- Co-organizing secretary of National Webinar “Innovative approaches in Dairy and Food industries and Employment Opportunities” on the occasion of National Milk Day 2023 dated 26 November 2023 organized by All India Agricultural Students Association (AIASA), New Delhi in association with Department of Dairy Science and Food Technology (DSFT), I. Ag. Scs., BHU, Varanasi & Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Prayagraj & Indian Dairy Association (IDA) – Eastern UP Chapter & Galgotias University, Noida.

### ***AWARDS***

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- Young Scientist Award 2023 on the occasion of National Seminar on “Ecology vs. Economic development with Special Reference to the Ganga Basin (NEED-2023) on 25<sup>th</sup> – 26<sup>th</sup> February 2023 at Nehru Gramin Bharti (DU), Prayagraj (UP) and ICAR- Central Inland Fisheries Research Institute (CIFRI) Prayagraj, Uttar Pradesh organized by Kalash Research and Welfare Society Prayagraj, Uttar Pradesh, Reg. No. AL-33004
- Received Excellence Award in Teaching, Research and Extension by Society for Ecological Sustainability, Odisha, in association with Department of Environmental Science, School of Earth Science, PAH Solapur University, Maharashtra, Meadow Agriculture Private Limited and Sidvi Foundation registered as microenterprise with MSME, Govt. of India, in an International Conference on Sustainable Natural Resource Research -2023 (ICSNRR-2023) online organized on 18-19 November 2023.
- Young Scientist Award by Society for Advancement of Science & Social Environment (SASSE) Reg. No. LUC/00789 under societies registration Act 21, 1860 NITI Aayog No. UP/2023/0346880.

## ***SEMINAR PARTICIPATIONS***

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- Participated in seminar on Nuclear Energy for National Development jointly organized by Banaras Hindu University and Bhabha Atomic Research Centre, Mumbai on 24 March 2010.
- Participated in the Awareness Workshop on Emerging Career and Business Prospects in Food Processing organized by NIFTEM, Haryana and IICPT, Tamil Nadu and MOFPI, GOI on 04 February 2012.
- Participated in Author Workshop on “How to write for and get published in Scientific Journals and Publish Manuscripts” jointly organized by Springer and Central Library Banaras Hindu University on 24 January 2013.
- Participated in Conference on Linking growth Drivers of food Processing Industries Market, Retail, Quality and Skills jointly organized by MOFPI, ASSOCHAM India and BHU on 12 February 2013.
- Participated in National seminar on Novel Approaches in Formulation of Functional Foods jointly organized by Society of Food and Dairy Technology and Warner School of Food and Dairy Technology, SHIATS, Allahabad on 8 April 2013.
- Participated in National conference on Systematic Approach in Implementation of Informational and Resource-saving Technologies in Food-Crop Production: Prerequisite for Eco-Balancing organized by Mahima Research Foundation and Social Welfare, BHU, Varanasi on 23-24 November 2013.
- Attended the Author Workshop conducted by Springer and BHU, Varanasi on 11 February 2014.
- Attended a day workshop on Food Processing and its importance jointly organized by NIFTEM, MOFPI, GOI and BHU Varanasi on 10 October 2014.
- Participated in National Seminar and Workshop on Analytical Solutions from Metrohm for Various Applications in Food Processing (Make in India)” organized by Centre of food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University on 30 September 2015.
- Participated in Investment Awareness Programme on 20 January 2017 organized by NCDEX.
- Participated in the Professional Development Programme on Ethical Issues in Research held at Amity University, Lucknow on January 16-17 2019 organized by Amity University, Lucknow Campus.
- Attended One day orientation Programme for the Academic Counsellors organized by IGNOU Regional Centre Varanasi at IGNOU study Centre Dept. of Animal Husbandry and Dairying on 23 April 2019.

## ***WEBINARS***

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- Participated in e-International Conference on “Role of Fermented Foods in Pandemic Era” organized by Guru Nanak Khalsa College, Mumbai and Swedish South Asian Network of Fermented Foods in association with Lund University, Sweden and Anand Agricultural University, Anand on 25 June 2020.
- Participated in International Webinar on “Food Laws and the Requirements of Food Testing in India” on 8 July 2020 organized by Department of Food Technology, AKS University, Satna and Excellent Bio Research Solution Pvt. Ltd. Jabalpur, India.
- Participated in Webinar on “Entrepreneurial Opportunities in Food Processing Sector” held on 15 July 2020 organized by Department of Food Engineering, NIFTEM.
- Attended a Webinar on “Academic and Scientific Writing Catapulting institutional visibility” held on 03 August 2020 organized by Central Library, Manipur University in collaboration with Springer Nature.
- Participated in one day online training on “Process Optimization Techniques and Texture Profile Analysis” organized by College of Food Technology, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, Dist- Banaskantha, Gujrat on 05 August 2020.
- Attended a webinar on “Publishing Ethics on Biomedicine and Life Science Research” of a webinar series on All about Scientific Publishing-Trends, Nuances, Tools, Ethics etc. organized by Springer Nature and DelCON on 16 September 2020.
- Attended a webinar on “Camel Milk: A Boon to Mankind” held on 01 June 2021 organized by Directorate of Extension Education, Sri Karan Narendra Agriculture University, Jobner
- Attended a webinar on “Global Perspective on New Horizons in Dairy Industries” held on 01 June 2021 organized by Department of Dairy Science and Food Technology and Indian Dairy Association Eastern UP Chapter and Department of Food Science and Technology, the University of Georgia, USA
- Attended a webinar on “Nutritional Approaches of Dairy Foods for Healthy life” held on 01 June 2021 organized by National Academy of Dairy Science India and Department of Dairy Science and Food Technology, BHU.
- Attended a webinar on “Turnitin Virtual Conclave: Leveraging Technology for Enhancing Education” held on 24 June 2021 organized by TURNITIN India.
- Attended a National webinar on Using Tools to Prevent Plagiarism in Higher Education” organised by K. J. Somaiya College of Science and Commerce in collaboration with Turnitin on 30th July 2021.

- Attended a National Webinar on Nourishing the Land and the People: Millet Farming and Soil Health in Arunachal Pradesh, organized by the Faculty of Agricultural Sciences, Rajiv Gandhi University, Rono Hills, Doimukh 791112, Arunachal Pradesh, on November 10, 2023. Certificate Ref. No. FAS/WBPR/2023/51.

### ***ADMINISTRATIVE EXPERIENCE***

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- Warden of the Boys Hostel, Rajiv Gandhi South Campus, Banaras Hindu University from the session 2016-17 to till 2022-23 as per the order of Hon'ble Vice Chancellor of BHU.
- Member in Anti ragging Committee constituted by Hon'ble Vice Chancellor of BHU for the session 2016-17 to 2019-20.
- Member of Proctorial Board of Banaras Hindu University from the session 2019-20 to 2022-23 constituted by Hon'ble Vice Chancellor of BHU.
- Time Table Coordinator of Department of Food Technology, Rajiv Gandhi University, Arunachal Pradesh, for the session 2023-24 constituted by Head of the Department.
- AQAR, IQAC and NAAC Co-coordinator of Department of Food Technology, Rajiv Gandhi University, Arunachal Pradesh, constituted by Head of the Department.

### ***DECLARATION***

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I hereby declare that all the above information are true and correct to the best of my knowledge.



**DATE: 05/02/2024**  
**PLACE: RGU, Doimukh**

**ASHOK KUMAR YADAV**