

Academic Profile



DR. ASHOK KUMAR YADAV

Ph. D. : Food Science & Technology
M. Sc. : Food Science & Technology
M. Sc. : Chemistry
E-mail : ashok.yadav@rgu.ac.in,
: ashokbhu99@gmail.com,
Mobile no : +91-9451716338, 8601122036

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

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.
- 10th with **72.00 %** from CBSE board in 2000.
- Member of AFSTI and IDA
- ICAR NET Qualified in Food Technology in the year 2014.

INSTRUMENTS HANDLED

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.

TRAINING/WORKSHOP

- 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, Jharkhand, 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 1st to 7th 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 PMMMNMTT 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.
- Participated in two days workshop on “Effective Academic Writing” organized by department of Education, Rajiv Gandhi University in collaboration with Research and Information system for Developing Countries (RIS), New Delhi and NETRA foundation held on 22 and 23 May 2024.
- Completed the Eight days Short Term Course on NEP Orientation & Sensitization under Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by MMTTC, Tezpur University from 04/06/2024 to 13/06/2024. Certificate No. MMTTC/TU/NEP/JUNE-A/2024/8
- Completed Two weeks Interdisciplinary Refresher Course on Research, Writing and Analysis organized by Malaviya Mission Teacher Training

Centre, Indian Institute of Technology (Indian School of Mines) Dhanbad, Jharkhand, India from November 11-22, 2024 Certificate No. IRC/RWA/24-25/42.

- Completed 21 days winter school on “Innovation in Microbiology for sustainable Food Production” (IMSFP-2025) jointly organized by Sanjay Gandhi Institute of Dairy Technology (SGIDT), Bihar Animal Sciences University (BASU), Patna, Bihar and National Agriculture Development Cooperative Ltd. (NADCL), Baramulla, J&K from February 08 to 28, 2025. Certificate No. BASUNADCL25014.
- Successfully participated on 5 days Faculty Development Program on “Artificial Intelligence and Machine Learning” on 15 to 19 September 2025, organized by Department of Computer Science and Engineering RGU in association with Pantech e learning.
- Completed a Weeklong Capacity Building and Professional Development Programme (online) on Academic Writing and Publication organized during 19/06/2026 – 25/06/2026 organized by Centre for Professional Development and Training (CPDT) in collaboration with Malaviya Mission Teacher Training Centre (MMTTC) and Centre for Inclusive Development (CID), Tezpur University. Grade: A+ Certificate No: TU/CPDT-MMTTC/CBP-02//6

RESEARCH PUBLICATIONS

- 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 Asian Journal of Dairy and Food Research (2012) 31:3. 161-167 ISSN: 0971-4456. Online ISSN : 0976-0563. **(Impact Factor: 0.51).**
<https://indianjournals.com/article/jdfhs-31-3-001>
- 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. **(Impact Factor: 3.4)**
doi: [10.1007/s13197-012-0659-2](https://doi.org/10.1007/s13197-012-0659-2)
- 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 0974-8431, 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 0974-8431, 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. (Impact Factor: 0.51) DOI: [10.18805/ajdfr.dr-1498](https://doi.org/10.18805/ajdfr.dr-1498) ISSN: 0971-4456
- 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. DOI:[10.33785/ijds.2022.v75i01.001](https://doi.org/10.33785/ijds.2022.v75i01.001)
- 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 Bhateshwar and Uday Pratap Singh in Annals of Phytomedicine (2022). 11(1): 731-738. ISBN: 2393-9885. DOI: [10.54085/ap.2022.11.1.88](https://doi.org/10.54085/ap.2022.11.1.88)

- 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. <https://doi.org/10.54085/jpps.2022.2.2.1>
- 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](https://doi.org/10.5958/0974-181X.2023.00039.2) (**Impact Factor 0.29**)
- A Research Paper entitled “Growth performance, meat quality and hematological parameters of broiler chickens fed safflower seed” authored by Aman Rathaur, Dinesh Chandra Rai, **Ashok Kumar Yadav**, Pankaj Kumar Upadhyay, Vikas Patel and Uday Pratap Singh in Tropical Animal Health and Production (2024) 56:89:1-9 ISSN 1573-7438 <https://doi.org/10.1007/s11250-024-03927-x> (**Impact Factor 1.7**)
- A Research Paper entitled “Process Optimization for the Development of Ashwagandha Root Extract Enriched Shrikhand Using Response Surface Methodology” authored by **Ashok Kumar Yadav**, Dinesh Chandra Rai and Aman Rathaur in Journal of Food Chemistry & Nanotechnology (2024) 10(S1): S47-S56. <https://doi.org/10.17756/jfcn.2024-s1-007> (**Scopus Indexed**) ISSN: 2471-4291
- A Research Paper entitled “Different Postharvest Treatments and Storage Conditions for Shelf-Life Enhancement and Quality Retention of Litchi” authored by Suman Devi, Pragya Mishra, Pinki Saini, **Ashok Kumar Yadav**, Tankesh Kumar, Arun Kumar Pandey and C. S. Chopra in Journal of Food Chemistry & Nanotechnology (2024) 10(S1): S117-S123. <https://doi.org/10.17756/jfcn.2024-s1-015> (**Scopus Indexed**)
- A Review article entitled “Current scenario of geriatric nutrition and health correlates: The silver age review” authored by Zeenat Aman, Sadhna Singh, Pankaj, Aman Rathaur, **Ashok Kumar Yadav**, Dinesh Chandra Rai and Pankaj Kumar Upadhyay in Annals of Phytomedicine (2024) 13(1): 146-157. <http://dx.doi.org/10.54085/ap.2024.13.1.87> (**UGC care listed; Web of Science Indexed**) ISSN: 2278-9839
- A Review article entitled “The Health Benefits of Ghee: A Comparative Analysis of Ayurvedic and Modern Scientific Perspectives: A Review” authored by Vishal Kumar, Akanksha, Saurabh Singh, **Ashok Kumar Yadav**, Sudhir Kumar and Aman Rathaur in Asian Journal of Dairy and Food Research (2024) 44(6): 891-898. doi: 10.18805/ajdfr.DR-2227. (**Scopus Indexed, SJR: 0.151, UGC care listed; Web of Science Indexed**) ISSN: 0971-4456
- A Research article entitled “Libs—a promising technique for control of food quality” authored by Dipti Rai, Abhishek Kumar Rai, Awadhesh Kumar Rai, Dev Bukhsh Singh, **Ashok Kumar Yadav** in Journal of Optics (11 Feb. 2025)

- A Research Article entitled “Effect of Ashwagandha (*Withania somnifera*) root extract enriched shrikhand on *Salmonella* infected albino mice” authored by **Ashok Kumar Yadav**, Dinesh Chandra Rai and Aman Rathaur in *Letters in Animal Biology* (2025) 24-08-2025; 05(2): 87 – 94. Doi <https://doi.org/10.62310/liab.v5i2.231> (SCOPUS INDEXED, Q2 Journal) ISSN: 2584-0479
- A Review article entitled “Nonthermal Food Processing Technologies: A Comprehensive Review” authored by **Ashok Kumar Yadav**, Dinesh Chandra Rai, Aman Rathaur, Hradesh Rajput, Sudhir Kumar, Zeenat Aman in *Future Postharvest and Food* (7 December 2025); 2026, 3(2): 124-141. doi <https://doi.org/10.1002/fpf2.70034> ISSN: 2837-6846
- A Review article entitled “Plant-based milk alternatives: processing, nutritional profile, bioactive compounds and health implications” authored by **Ashok Kumar Yadav**, Nanam Ronya, Aman Rathaur, Dinesh Chandra Rai, Himanshu Trivedi, Vikas Patel in *Food Nutrition Vol. 2, Issue 1*, (27 March 2026); 100061. Doi <https://doi.org/10.1016/j.fnutr.2026.100061> ISSN: 3050-8436
- A Research Paper entitled “Bajra-based functional laddu—Standardization, nutritional profiling, molecular characterization” authored by Mridula Pandey, Sadhna Singh, **Ashok Kumar Yadav**, Aman Rathaur, Hradesh Rajput, Dinesh Chandra Rai in *Food Biomacromolecules* (Wiley) Accepted: 20 April 2026 (Published online on 29 April 2026); 2026;3 (2): 366–377. <https://doi.org/10.1002/fob2.70066>. ISSN: 2996-2757.
- A Review article entitled “Supercritical Fluid Extraction: An Emerging Green Technology for Sustainable Extraction Processes” authored by **Ashok Kumar Yadav**, Nanam Ronya, Dinesh Chandra Rai, Aman Rathaur, Hradesh Rajput and Ayushi Gupta in *Sustainable Chemistry One World* (Elsevier) 10 (2026): 100245. Accepted on : 20 May 2026, Published online 23 May 2026; doi: <https://doi.org/10.1016/j.scowo.2026.100245> ISSN: 2950-3574 (SCOPUS Indexed)
- A Review article entitled “From Forest to Pharmacy: The Untapped Therapeutic Promise of *Phoebe bootanica*” authored by Nanam Ronya, **Ashok Kumar Yadav**, Dipendra Kumar Mahato, Neetika Yadav, Dipti Rai, Pradeep Kumar in *Next Research* (Elsevier). Accepted on 30 June 2026 (Published online 3 July 2026) 2026, (11) 102098, ISSN 3050-4759, <https://doi.org/10.1016/j.nexres.2026.102098>.
- A Review article entitled “Aromachology and Its Psychophysiological Impact: A Systematic Review of Essential Oil Inhalation on Mood, Cognition, and Emotional Well-Being” authored by Nanam Ronya and **Ashok Kumar Yadav** in *Current Behavioral Neuroscience Reports* (Springer). Received: 19 January 2026 / Accepted: 27 July 2026 Published online 06 August 2026, (2026) 13:14, ISSN: 2196-2979. <https://doi.org/10.1007/s40473-026-00333-5> (SCOPUS INDEXED, IF: 1.6)

• **LAB MANUALS**

- 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

- 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 edited by Ashok Kumar Agrawal and Megh R Goyal 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 edited by Deepika Baranwal and Ram Chandra 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 edited

by A. Rakshit, H.B. Singh, A.K. Singh, P.C. Abhilash, B.K. Sarma, V.K. Tripathi and H.P. Parewa 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 edited by Ratnesh Kumar Rao 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 edited by Neha Srivastava and Manish Srivastava 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 edited by Azamal Husen 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, edited by N. Srivastava, M. A. Malik of Springer Nature Publication Singapore (2022) with ISBN 978-981-19-0812-5 Pages 1-24.
- A Book Chapter entitled “Fumonisins 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, edited by Predeep Kumar, Madhu Kamle and Dipendra Kumar Mahato 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, edited by Predeep Kumar, Madhu Kamle and Dipendra Kumar Mahato of CRC Press Taylor and Francis Group, London, New York (2023) with ISBN 978-1-032-11392-0 Pages 311.

- A Book Chapter entitled “Post-Harvest Management of Fruits and Vegetables” authored by Sandeep Janghu, Vikas Kumar and **Ashok Kumar Yadav** in book Current Perspectives in Agriculture and Food Science Vol. 7 edited by Prof. Marcello Iriti in B P International Publisher (2024). With ISBN 978-81-970423-9-3 Page 125-148. <https://doi.org/10.9734/bpi/cpafs/v7/7984E>
- A Book Chapter entitled “Transformation of Agricultural and Food waste into nanoparticles for Biofuel production” authored by Aditya Gupta, **Ashok Kumar Yadav**, Dinesh Chandra Rai and Aman Rathaur in book Futuristic Trends in Agriculture Engineering and Food Sciences edited by Dr. Kumud Das, Dr. S K Goyal, Dr. S S Bhende and Mr. Ashish Dabade Vol. 3 Book 14, Part 4, Chapter 2 IIP Series Publication (2024) e-ISBN: 978-93-5747-730-7 Page 62-87. <https://www.doi.org/10.58532/V3BCAG14P4CH2>
- A Book Chapter entitled “Sensory Evaluation Techniques” authored by **Ashok Kumar Yadav**, Sudhir Kumar, Sandeep Janghu and Charul Chaudhary in book Sensory Science Applications for Food Production edited by Rahul Mehra, Arun Kumar Pandey and Raquel P.F. Guiné Chater 9 IGI Global Publisher USA (2024) Pages: 177-196 ISBN: 9798369321218 DOI: 10.4018/979-8-3693-2121-8.ch009
- A Book Chapter entitled “Zero Hunger: Food and Dairy Packaging Preservation” authored by Duyi Samyor and **Ashok Kumar Yadav** in book Engineering Solutions for Sustainable Food and Dairy Production: Innovations and Techniques in Food Processing and Dairy Engineering edited by Sankar Chandra Deka, C. Nickhil and A. K. Haghi under Food Engineering Series Chapter 10 Publisher Springer Nature Switzerland AG (2025) Pages: 261-293 ISBN 978-3-031-75834-8 DOI https://doi.org/10.1007/978-3-031-75834-8_10
- A Book Chapter entitled “Techniques Based on Electrical Properties of Food” authored by **Ashok Kumar Yadav** and Sandeep Janghu in book Emerging Non-destructive Technologies for Food Quality Analysis edited by C.K. Sunil, Ashish Rawson, D.V. Chidanand, and S. Shanmugasundaram. Chapter 15 Publisher Springer, Cham Cham, Switzerland Published on 01 October 2025 Pages 417-449. ISBN 978-3-031-95048-3 DOI https://doi.org/10.1007/978-3-031-95048-3_15
- A Book Chapter entitled “*Houttuynia Cordata* (Fish Mint): A Medicinal Plant with Diverse Therapeutic Benefits” authored by Nangram Kaku, Ashok Kumar Yadav, Nanam Ronya, and Sandeep Janghu in book “Sustainable Agriculture, Food and Livestock: Innovation and Insights for the Future” edited by Dr. Aman Rathaur, **Dr. Ashok Kumar Yadav**, Dr. Himanshu Trivedi and Dr. Mayank Dubey. Chapter 1. Published by IIP Iterative International Publishers, Karnataka, ISBN: 978-93-7020-506-2. Year 2025, Pages 1-21
- A Book Chapter entitled “Putang: A Traditionally Processed Noodle by Monpa Tribes of Arunachal Pradesh” authored by Nanam Ronya and Ashok Kumar Yadav in book “Sustainable Agriculture, Food and Livestock: Innovation and Insights for the Future” edited by Dr. Aman Rathaur, **Dr. Ashok Kumar Yadav**, Dr. Himanshu Trivedi and Dr. Mayank Dubey.

- A Book Chapter entitled “Antioxidant- and omega-3 fatty acid-rich functional foods” authored by Subramani Murali, Thottungal Sruthi, Ajay Kumar Maurya, **Ashok Kumar Yadav**, Nanam Ronya, Duyi Samyor, Akansha Gupta, DipendraKumar Mahato, Madhu Kamle, Pradeep Kumar in book “Handbook of Functional Foods: Techniques, Analytics and Health Benefits” edited by Pradeep Kumar, Madhu Kamle and Dipendra Kumar Mahato. Chapter 10. Academic Press, ISBN: 978-0-443-33853-3. Year: 13 February 2026, Pages 215-242. <https://doi.org/10.1016/B978-0-443-33853-3.00002-8>
- A Book Chapter entitled “Nutraceuticals as functional foods” authored by Aayeen Altaf, Arun Kumar Pandey, Sheetal Thakur, Hanu Sharma, **Ashok Kumar Yadav**, Shikha Pandhi, Akansha Gupta, Dipendra Kumar Mahato in book “Handbook of Functional Foods: Techniques, Analytics and Health Benefits” edited by Pradeep Kumar, Madhu Kamle and Dipendra Kumar Mahato. Chapter 16. Academic Press, ISBN: 978-0-443-33853-3. Year: 13 February 2026, Pages 337-359. <https://doi.org/10.1016/B978-0-443-33853-3.00017-X>
- A Book Chapter entitled “Functional foods as sustainable foods: Challenges and opportunities” authored by **Ashok Kumar Yadav**, Nanam Ronya, Duyi Samyor, Ajay Kumar Maurya, Arun Kumar Pandey, Dipendra Kumar Mahato, Madhu Kamle, Pradeep Kumar in book “Handbook of Functional Foods: Techniques, Analytics and Health Benefits” edited by Pradeep Kumar, Madhu Kamle and Dipendra Kumar Mahato. Chapter 19. Academic Press, ISBN: 978-0-443-33853-3. Year: 13 February 2026, Pages 419-437. <https://doi.org/10.1016/B978-0-443-33853-3.00006-5>
- A Book Chapter entitled “Scope of Formulated Foods through Protein Rich Vegetables, Legumes and Cereals” authored by Ashok Kumar Yadav and Nanam Ronya in an edited book “Recent Interventions in Nutritional Strategies for Ensuring Global Food” edited by Umesh Singh, Binita Rani, Anamika Das, Y.S. Jadoun, B.K. Bharti. Chapter 1. Inksight Publishers, Shivam Complex, Bilaspur, Chhattisgarh 495009. Year February 2026. Pages 1-10. ISBN: 978-93-47263-23-1.

EDITED BOOKS/BOOKS

- 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.
- Author **Dr. Ashok Kumar Yadav**, Sudhir Kumar and Ashutosh Kamal of a Textbook on “Indigenous Indian Dairy Products” Published by Rathore Academic Research Publications, New Delhi. ISBN 978-81-978825-4-8. Year 2024
- Co-editor Dr. Aman Rathaur, **Dr. Ashok Kumar Yadav**, Dr. Himanshu Trivedi and Dr. Mayank Dubey of an edited book entitled “Sustainable Agriculture, Food and Livestock: Innovation and Insights for the Future” Published by IIP Iterative International Publishers, Karnataka, ISBN: 978-93-7020-506-2. Year 2025
- Author Dr. Hradesh Rajput, **Dr. Ashok Kumar Yadav**, Dr. Sudhir Kumar, Dr. Rita Sharma of a Textbook on “Fundamental of Food Science” published by RL International Publication, Ambedkarnagar, UP, India. ISBN 978-93-49493-58-2. Year June 2025
- Co-editor Dr. Sanjeev Shrivastava, Dr. Shekh Mukhtar Mansuri , Dr. A. Sivaranjini, Dr. Faiyaz Khudaboddin Shaikh, Dr. Basavaraj Patil, Dr. R. Jayanthi, Dr. Abhijeeta Nandha, Dr. Amirtham, Dr. Radhika Sharma, Dr. Sonal Patil, Dr. Anita Kumari, Dr. Sheshrao Kautkar, Dr. Anjali Singh, **Dr. Ashok Kumar Yadav**, Dr. Aneeta Khatak, Dr. J. Madhusudhanan, Dr. Esha, Dr. Shweta Sharma, Dr. Shellina Khan of an edited book entitled “Emerging Innovations in Agricultural Engineering and Food Technology” published by Iterative International Publishers (IIP), Selfypage Developers Pvt Ltd., Karnataka Volume 6, 2026. ISBN: 978-81-69923-50-7. BOOK DOI: <https://www.doi.org/10.58532/nbennurEIAEV6B2>. BOOK

URL:https://iipseries.org/view-pub_book.php?bookid=632&bookname=emerging-innovations-in-agricultural-engineering-and-food-technology-v6s1045b2

PATENTS/REGISTERED

- A Design registered and published entitled “Computerised Laboratory Device with a Digital Spoilage Indicator” on 28th July 2025 under UK Design for registration. Design no. 6454427. <https://www.registered-design.service.gov.uk/find/6454427>
- A Design registered and published entitled “Smart Food Container Lid Biosensor Device” on 23 April 2026 under UK Design for registration. Design no. 6519691. <https://www.registered-design.service.gov.uk/find/6519691>

INTERNATIONAL SEMINARS

- Presented a paper entitled “Nutrigenomics: Recent Advancement for nutritional health” at 19th 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 DTSTI, 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 1st 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 3rd International Convention on Green Environment, Technology and Entrepreneurship through Innovation (ICGETEI-2023), held at Amity University Rajasthan, Jaipur during 9th to 11th August 2023.
- Presented a paper entitled “Supercritical Fluid Extraction: An upcoming Green Technology” and 3rd position 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 Earth Science, PAH Solapur University, Maharashtra, Meadow Agriculture Private Limited and Sidvi Foundation registered as microenterprise with MSME, Govt. of India, on 18-19 November 2023.

- Presented a paper entitled “*Houttuynia cordata* (Fish Mint): A Medicinal Plant with Diverse Therapeutic Benefits” in the 4th International Convention on Green Environment, Technology and Entrepreneurship through Innovation (ICGETEI- 2024) held at Amity University, Rajasthan, Jaipur during 11th to 13th September 2024.
- Presented a paper entitled “Development of functional beverages of Green Tea Fortified with Black Ginger (*Kaempferia parviflora*)” in the 5th International Convention on Green Environment, Technology and Entrepreneurship through Innovation (ICGETEI- 2025) held at Amity University, Rajasthan, Jaipur during 20th to 22nd August 2025.
- Presented a paper entitled “Nano-encapsulated Curcumin (*Curcuma longa linnaeus*) for stability enhancement and bioavailability improvement in Functional Japanese Cheesecake: Extraction, Characterization and Shelf-Life Modeling” in International Conference on Sustainable Innovations in Agriculture, Veterinary and Allied Sciences (SIAVAS-2025) jointly organized by University of Agricultural Sciences, Raichur, Karnataka and National Agriculture Development Cooperative Ltd. (NADCL) Baramulla, J&K held at UAS, Raichur, Karnataka (India) during December 29 to 31, 2025.

NATIONAL SEMINARS

- Presented a Paper entitled “Extraction 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

- 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.

- Delivered a invited lecture on “Millets: Benefits, Health Impacts and Value Addition” in Food and Nutritional Security through Nutri Cereal (Shree Anna) Training Programme organized by the Department of Agriculture, 360 Research Foundation (A registered society by NITI Aayog, Govt. of India, regd. No. BR/2018/0200583) from 20th June 2024 to 30th June 2024. Certificate no. 242526070296 dated 01.07.2024
- Delivered a invited lecture titled “Technology of Protein Rich Vegetable based formulated foods for Nutritional Security” on 01/09/2025 in eleven days short course program on “Recent Interventions In Nutritional Strategies for Ensuring Global Food Security” organized by Department of Dairy Chemistry, Sanjay Gandhi Institute of Dairy Technology, BASU, Patna via Online Mode. Certificate no. 02/AC/SC/DC/SGIDT, Patna.

COMMITTEE MEMBERS

- 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 21st 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.
- Member of the Organizing Committee of International Conference on Agriculture, Environment and Sustainable Development (ICAESD- 2024) from 20th to 21st March 2024 at Rajiv Gandhi University, Arunachal Pradesh. Certificate No. RGU/HOR-8/SEMINAR & CONFERENCE/23/024
- Reviewer for the ARCC (Agricultural Research Communication Centre) Journals
- Organized a training program on “Mushroom Production and Marketing Aspects” from 02 August to 04 August 2024 at the Department of Agriculture, 360 Research Foundation (A registered society by NITI Aayog, Govt. of India, regd. No. BR/2018/0200583). Certificate no. 242027 dated 06 August 2024.
- Coordinator in the World Food Day Celebration by the Department of Food Technology, Rajiv Gandhi University held on October 21, 2024
- Joint Organizing Secretary in the National Conference on Agriculture. Environment and Sustainable Development (NCAESD)- 2025 from 10th to 11th March 2025 jointly organized by Department of Horticulture and Department of Agricultural Engineering, Faculty of Agricultural Sciences, Rajiv Gandhi University.
- Acted as session Chairperson in the technical session I of oral presentation in the National Conference on Agriculture. Environment and Sustainable Development (NCAESD)- 2025 from 10th to 11th March 2025 jointly organized by Department of Horticulture and Department of Agricultural Engineering, Faculty of Agricultural Sciences, Rajiv Gandhi University.
- Organizing Secretary in the National Conference on “Integrating Traditional and Emerging Technologies for Sustainable Future Foods” held on 7th November 2025 (Friday) at RGU organized by Department of Food Technology, Rajiv Gandhi University.
- Co-Chairman for Technical Session–III on 20.12.2025 in the in the 2nd International Conference on Modern Agriculture and Allied Sciences

(ICMAAS 2025) Jointly organized by Society for Agriculture, Allied Sciences & Technology (SAAST) Odisha, Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal and Department of Agricultural Engg., Faculty of Agricultural Sciences, Rajiv Gandhi University (A Central University), Arunachal Pradesh on 20-21 December, 2025. CERTIFICATE NO.-ICMAAS/TECHNICAL SESSION-3/2.

- Acted as convenor in session under “*Theme-V: Smart Agriculture and Circular Economy*” in the International Conference on “Himalayan GREENPRINT: Fostering Innovations for Sustainable Agriculture, Livelihoods and Entrepreneurship through Research and Development in the Eastern Himalaya cum Agri-Expo.” organized by College of Agriculture, Central Agricultural University (I), Pasighat, in collaboration with Indian Institute of Technology, Guwahati-Assam, DBT-APSC&T, CoE for BRSD, Kimin-Arunachal Pradesh, Rajiv Gandhi University, Papumpare-Arunachal Pradesh, ICAR Project Co-ordinating unit AICRP on Sesame & Niger, JNKVV, Jabalpur-Madhya Pradesh, on 16-17 February, 2026.
- Acted as chairman in session under “*Theme-IV: Life Sciences and Livelihoods*” in the International Conference on “Himalayan GREENPRINT: Fostering Innovations for Sustainable Agriculture, Livelihoods and Entrepreneurship through Research and Development in the Eastern Himalaya cum Agri-Expo.” organized by College of Agriculture, Central Agricultural University (I), Pasighat, in collaboration with Indian Institute of Technology, Guwahati-Assam, DBT-APSC&T, CoE for BRSD, Kimin-Arunachal Pradesh, Rajiv Gandhi University, Papumpare-Arunachal Pradesh, ICAR Project Co-ordinating unit AICRP on Sesame & Niger, JNKVV, Jabalpur-Madhya Pradesh, on 16-17 February, 2026.
- Chaired the Online Poster Presentation session in the capacity of Chairman during the “National Conference on Agriculture, Environment and Sustainable Development (NCAESD – 2026)” from 9th to 10th March 2026, organized by the Department of Horticulture, RGU; Rural Business Incubation Centre (RuBIC), RGU and Botanical Survey of India, Arunachal Pradesh Regional Centre, Itanagar, Arunachal Pradesh. Certificate no. RGU/HOR-8/Seminar & Conference/25/93.

AWARDS

- 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 25th – 26th 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 on the occasion of SASSE Award ceremony dated 31 March 2024.
- Young Scientist Award in International Conference on Sustainable Innovations in Agriculture, Veterinary and Allied Sciences (SIAVAS-2025)” jointly organized by University of Agricultural Sciences, Raichur, Karnataka and National Agriculture Development Cooperative Ltd. (NADCL) Baramulla, J&K held at UAS, Raichur, Karnataka (India) during December 29 to 31, 2025.

SEMINAR PARTICIPATIONS

- 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.
- Participated two days seminar on “NEP 2020: Role of Technical Terminology and Indian Language” organized by Commission of Scientific and technical terminology at Rajiv Gandhi University, Itanagar, Arunachal Pradesh on 18th March 2024 and 19th March 2024.
- Participated in the National Seminar on “Opportunities for Livelihood and Income Enhancement Among Rural Masses Through Micro and Small Industry Start-ups Utilizing Natural Resources of Arunachal Pradesh” organized by DST-Technology Enabling Centre, Rajiv Gandhi University, Arunachal Pradesh on 29th May 2026.

WEBINARS

- 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.
- Participated in the Webinar, held on the occasion of WORLD MILK DAY, 2024 organized by Sanjay Gandhi Institute of Dairy Technology, Bihar Animal Sciences University, Patna, on 27th May, 2024.
- Participation in the Webinar organized on the occasion of World Milk Day 2026 on 1st June 2026, organized by Indian Dairy Association (Eastern UP Chapter) in association with Department of Dairy Science & Food Technology, BHU.

ADMINISTRATIVE EXPERIENCE

- 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, 2024-25 and 2025-26 constituted by Head of the Department.
- Social Media Champion of the Department for the session 2024-25 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.
- MOOC/SWAYAM Coordinator of the Department since 27 January 2025.
- Coordinator of the Departmental Laboratory since 13 February 2025.
- Member of Verification and distribution committee of the Departmental chemicals and consumables since 19 March 2025.
- Member of Stock Verification Committee of the University constituted by Hon'ble Vice Chancellor w.e.f 03.01.2025 for two years.
- Project Co-coordinator for RGU & NECTAR Project a collaborative project of North East Centre for Technology Application & Reach and National Beekeeping and Honey Mission.
- Member of the Committee for Infrastructure and Learning Resources with the IQAC for collection, compilation and processing of data for NAAC, tripartite MoU and other ranking agencies vide F. No. RGU/REG-19/IQAC/21 dated 12.06.2026.
- Member of Board of Studies constituted by Hon'ble Vice Chancellor in Department of Food Technology, Rajiv Gandhi University from 04.08.2026 for a term of three years.

PROJECTS

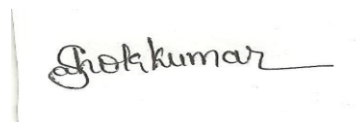
- Development of Peanut milk based vegan curd, Funded by RGU, SEED Grant, Project Investigator, Amount 2.0 Lakhs, Sanction Year: 2024 (2 Years)
 - Scientific Bee Keeping and its Value Addition in Arunachal Pradesh, Funded by NHBM, National Bee Board and Ministry of Agriculture and Farmers welfare. Co-coordinator, Amount: 293.44 Lakhs, Sanction Year: 2025 (3 Years)
 - Enhancing Farmers Livelihood through Millet Production cum Processing Skills and Entrepreneurship Development In the Region of Arunachal Pradesh funded by ICAR-Indian Institute of Millet Research, Hyderabad, Co-PI, Amount: 7.75 Lakhs (1 Year)
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MEMBERSHIP

- Life member of Association of Food Scientists & Technologists (INDIA), Mysuru, Bangalore. Membership Id: **AFSTI/LM/2024/VARN/317**
- Life member of Indian Dairy Association, New Delhi. Membership no. **RE/NZ/LM/2162/UP**
- Member of the Society for Advancement of Science & Social Environment (SASSE) Reg. No. LUC/00789 under societies registration Act 21, 1860 NITI Aayog No. UP/2023/0346880 on the occasion of SASSE Award ceremony since 31 March 2024.

DECLARATION

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



DATE: 14/08/2026

PLACE: RGU, Doimukh

ASHOK KUMAR YADAV