

DR. SHINAWAR WASEEM ALI

Professor (Tenured) & Chairman

Department of Food Sciences, Faculty of Agricultural Sciences,
University of the Punjab, Quaid-i-Azam Campus,
Canal Road, Lahore - 54590, Punjab province, Pakistan

Total citations: **1866**; h-index: **23**; i10-index: **51**



PERSONAL DATA

Date of Birth : December 10, 1978
Marital Status: Married
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ACADEMIC QUALIFICATIONS

Degree	Name of Institution	Subject	Year
PhD	Nanjing Agricultural University, China	Food Safety & Toxicology	2010
M.Sc. (Hons)	University of Agriculture Faisalabad, Pakistan	Food Technology	2004
B.Sc. (Hons) Agriculture	University of Agriculture Faisalabad, Pakistan	Food Technology	2002

PROFESSIONAL EXPERIENCE

11/2024 to Till date: **Professor (Tenured)**, University of the Punjab, Lahore, Pakistan.
08/2020 to 11/2024: **Associate Professor (Tenured)**, University of the Punjab, Lahore, Pakistan.
03/2012 to 08/2020: **Assistant Professor (TTS)**, University of the Punjab, Lahore, Pakistan.
10/2011 to 02/2012: **Assistant Professor (TTS)**, University of Agriculture Faisalabad, Pakistan.
04/2011 to 10/2011: **Assistant Professor**, Govt. College University Faisalabad, Pakistan.
04/2010 to 04/2011: **Assistant Professor (IPFP)**, GC University Lahore, Pakistan.
01/2004 to 02/2005: **Officer Quality Assurance**, K&Ns Foods (Pvt.) Ltd. Lahore, Pakistan.
05/2002 to 08/2002: **Internee**, K&Ns Foods (Pvt.) Ltd. Lahore, Pakistan.

RESEARCH SUPERVISION

PhD

1. Characterization of Aloe vera as Functional food to Mitigate Oxidative Stress Mediated Dysfunctions: Mateen Ahmad, PhD Thesis (2024)
2. Studies on Biodiversity and Antibiotic Resistance of Bacteria in Locally Processed Yogurt: Razia Sultana, PhD Thesis (2023)
3. Food Safety and Technological Quality of Wheat Grains during Storage in a Conventional Warehouse: Muhammad Akhlaq, PhD Thesis (2021)

4. Screening and Characterization of Bacteriocins Producing Bacteria and Bacteriocins from Indigenous Curd (Dahi): Shazia Yaqoob, PhD (2020) (2nd Supervisor)

M. Phil:

1. Comparison of Nutritional Composition and Shelf-Life of Some Exotic Tomato Varieties, Nimra Iram, M.Sc. (Hons.) Thesis (2024)
2. Microbial Food Safety Evaluation of Selected Food Items Before and After Frying, Aamina Jamil, M.Sc. (Hons.) Thesis (2024)
3. Formulation and Characterization of Yogurt Supplemented with Corn Silk Powder, Sehar Anam Khan, M.Sc. (Hons.) Thesis (2024)
4. Comparison of Processed Dairy Cheddar Cheese with Partial Dairy Analogue Cheddar Cheese, Mahnoor Rais, M.Sc. (Hons.) Thesis (2024)
5. Optimization of Blanching Technique to Enhance the Quality and Shelf Life of Peas, Saffia Iqbal, M.Sc. (Hons.) Thesis (2024)
6. Application of Hurdle Technology to Extend the Storage Stability of Shelled Sweet Corn Kernels, Safia Yaseen, M.Sc. (Hons.) Thesis (2024)
7. Development, Evaluation and Shelf-Life Studies of Aloe Vera Nectar, Abdullah Tahir, M.Sc. (Hons.) Thesis (2024)
8. Evaluation of Food Safety Knowledge, Attitude and Practices of Food Handlers at a Retail Bakery Chain in Lahore, Muhammad Dawood, M.Sc. (Hons.) Thesis (2024)
9. Comparative Evaluation of Spinach and Moringa Powder Supplementation in Chicken Kabab, Ateka Malik, M.Sc. (Hons.) Thesis (2024)
10. Effect of Watermelon Peel Powder Supplementation on the Quality Characteristics and Oxidative Stability of Chicken Patties, Amina Abid, M.Sc. (Hons.) Thesis (2024)
11. Analysis of Pesticide Residues on Seasonal Fruits and Vegetables in Local Markets of Lahore, Muhammad Tayyab Rashid, M.Sc. (Hons.) Thesis (2024)
12. Physicochemical and sensorial evaluation of peach fruit drink with Aloe Vera chunks: Habiba Shahzad, M.Sc (Hons.) Thesis (2022)
13. Application of Aloe Vera (*Aloe barbadensis*) based edible coating to enhance the shelf life of "Surahi" Guava fruit: Mubshra Rehman, M.Sc (Hons.) Thesis (2022)
14. Development of Moringa based edible coatings for the preservation of "Gola" guava fruit: Wazuha, M.Sc (Hons.) Thesis (2022)
15. Nutritional profile and shelf stability of PUFA meat patties supplemented with *Aloe barbadensis*: Fatima Naeem, M.Sc (Hons.) Thesis (2022)
16. Development and quality evaluation of Strawberry flavoured Buttermilk: Syeda Zia e Zehra Zaidi, M.Sc (Hons.) Thesis (2022)
17. Prevention of crystallization on the surface of deep fried nimko: Muhammad Amin, M.Sc (Hons.) Thesis (2022)
18. Formulation and Characterization of Biscuits Prepared by Utilization of Powdered Cauliflower Leaves and Aloe Vera gel: Muhammad Usama Bin Hasan, M.Sc (Hons.) Thesis (2022)
19. Assessment of the microbial quality of selected raw fruits during cold storage: Iqra Maryam, M.Sc (Hons.) Thesis (2022)
20. Nutritional profile and storage stability of beetroot-based energy bars: Kaynat Zahid, M.Sc (Hons.) Thesis (2022)
21. Microbial quality evaluation of selected raw vegetables during cold storage: Zoha Naeem, M.Sc (Hons.) Thesis (2022)
22. Development and characterization of yogurt supplemented with stevia and enzymatically hydrolyzed potato powder (EHPP): Muhammad Usman, M.Sc (Hons.) Thesis (2022)
23. Application of hot air-dried aloe vera gel powder for the development of functional yogurt: Iqra Naz, M.Sc (Hons.) Thesis (2022)

24. Development and characterization of light Mayonnaise using rice bran oil and cinnamon essential oil: Muhammad Bilal Amin, M.Sc (Hons.) Thesis (2022)
25. Analysis of the impact of counterfeit foods and ineffective quality control measure in Puntland State, Somalia: Abdikhaliq Mursal yousaf, M.Sc (Hons.) Thesis (2022), (Co-Supervisor)
26. Influence of hot-air drying on physico-chemical and functional characteristics of Aloe vera pulp: Sahabzada Hafiz Bayazeed, M.Sc (Hons.) Thesis (2020)
27. Characterization of Ricotta cheese produced from commercially wasted Cheddar cheese whey: Aqsa Maqbool, M.Sc (Hons.) Thesis (2020)
28. Quality evaluation and safety assessment of frying oils and fats used by street vendors in Lahore: Sana Mushtaq, M.Sc (Hons.) Thesis (2020)
29. Determination of aflatoxins in selective cereals grains and spices using Enzyme-linked immunosorbent assay (ELISA): Muhammad Walid Tahir, M.Sc (Hons.) Thesis (2020)
30. Characterization of Aloe vera juice prepared through different extraction technique: Tayyeba Arif Hashmi, M.Sc (Hons.) Thesis (2020)
31. Effect of drying on different quality parameters of dehydrated peas (*Pisum sativum*): Adnan Ali, M.Sc (Hons.) Thesis (2020)
32. Changes in physio-chemical properties of frying oil during repetitive deep frying of Nimko ingredients: Amir Wazir, M.Sc (Hons.) Thesis (2020)
33. Utilization of potato peel waste powder in the formation of cakes: Waqas Javed, M.Sc (Hons.) Thesis (2020)
34. Comparative quality assessment of different commercial brands of Ice Cream in the markets of Lahore: Qasim Ali, M.Sc (Hons.) Thesis (2020)
35. Studies on physico-chemical and sensory attributes of Aloe vera pickle: Arslan Khalid, M.Sc (Hons.) Thesis (2020)
36. Extraction of essential oil from different pine species and its application against food-borne microbes: Mahreen Riaz, M.Sc (Hons.) Thesis (2020)
37. Development and quality evaluation of Moringa olifera leaf powder based muffins: Nimrah Khan, M.Sc (Hons.) Thesis (2020)
38. Quality Parameters of frying Oil used for the frying of Aloe vera based batter coated Potato sticks: Ansar Ali, M.Sc (Hons.) Thesis (2019)
39. Optimization of Aflatoxins analysis in rice grains and estimation of dietary intake in the population of Lahore city: Samia Tahir, M.Sc (Hons.) Thesis (2019)
40. Impact of repeated frying on Total Polar Molecules (TPM) of Frying Oil: Muhammad Waqas Dogar, M.Sc (Hons.) Thesis (2019)
41. Optimization of analytical Techniques for the detection of Aflatoxins in Maize grains: Resham Zaffar, M.Sc (Hons.) Thesis (2019)
42. Chemical & Microbiological Analysis of Packed Fruit Juices of Different Brands in Local Market: Rana Ali Raza Khan, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
43. Drying process in okra by non-enzymatic browning mechanism as time temperature indicator: Tuba Gul, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
44. Effect of different preservation techniques on nutritional composition of Oyster Mushroom (*Pleurotus ostreatus*): Shazia Siddique, M.Sc (Hons.) Thesis (2019)
45. Chemical and Microbiological Assessment of Different Commercial Brands of Bottled Water in Lahore: Zunair Zaheer, M.Sc (Hons.) Thesis (2019)
46. Physico-chemical and Biochemical profiling of Quinoa-wheat blended flour to prepare baked dry cake: Muhammad Umer Farooq, M.Sc (Hons.) Thesis (2019)
47. Food Safety Knowledge, Attitude and Practices of Food Handlers in a Local Meat Industry of Lahore: Muhammad Usman Munir, M.Sc (Hons.) Thesis (2019)
48. Effects of Aloe vera Gel Coating on Shelf Life of Edible Mushroom (*Pleurotus ostreatus*): Umme Kalsoom, M.Sc (Hons.) Thesis (2019)

49. Prevalence of Salmonella as Safety Indicator in Milk Samples Collected From Different Educational Institutes of Lahore: Shazra Taimoor, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
50. Prevalence of E.coli in fresh Lettuce and Cabbage samples sold in markets of Lahore: Dania Tariq, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
51. Assessment of Drinking water Quality in Different Departments of Punjab University Quid-i-Azam Campus: Ayesha Riaz, M.Sc (Hons.) Thesis (2019)
52. Quality Evaluation of Drinking Water in Punjab University Girls Hostels: Maham Shafiq, M.Sc (Hons.) Thesis (2019)
53. Effect of C-Zole fast on survival of Food Borne Pathogens in Syrup mixing Tanks: Irfan Fiaz Ali Akbir, M.Sc (Hons.) Thesis (2019)
54. Halal Authentication of Gelatin Extracted from the Animals using PCR Technique: Hafiz Shahzaib Ameer, M.Sc (Hons.) Thesis (2019)
55. Physico-chemical and Sensory Attributes of Potato Chips Prepared from Different Native Varieties of Potatoes: Ahsan Danish, M.Sc (Hons.) Thesis (2019)
56. Improving Food Quality within a Local Catering Chain by Implementing Food Safety Management System: Naeem Ahmed, M.Sc (Hons.) Thesis (2018)
57. Quality Assessment of Domestic Drinking Water in District Bhawalnager: Muhammad Waqas Ashraf, M.Sc (Hons.) Thesis (2018)
58. Comprehensive Study on The Quality of Frying Oil at Different Canteens of Punjab University: Wajeeha Anjum, M.Sc (Hons.) Thesis (2018)
59. Quality Comparison of Commercial Chicken Nuggets Before and After Frying at Different Time and Temperature Combinations: Muhammad Ahsaan Ahmed, M.Sc (Hons.) Thesis (2018)
60. Production of Mango Flavored Yoghurt Supplemented With *Moringa oleifera* Leaf Powder: Maryam Saeed, M.Sc (Hons.) Thesis (2018)
61. Effect of Aloe vera Based Batter Coating on Potato Sticks Quality and Oil Uptake in Deep Fat Frying: Shakir Manzoor, M.Sc (Hons.) Thesis (2018)
62. Detection of Aflatoxin in Cereal Grains in District Bahawalnagar: Sundas Bano, M.Sc (Hons.) Thesis (2018)
63. Analysis of Aflatoxin in Different Types of Rice From Major Rice Growing Areas of Punjab: Anmol Sabir, M.Sc (Hons.) Thesis (2018)
64. Quality Attributes and Storage stability of Aloe vera Juice: Mahrukh Ilyas, M.Sc (Hons.) Thesis (2018)
65. Quantification of Aflatoxin in Wheat and Rice Grains in District Lahore: Amna Qamar, M.Sc (Hons.) Thesis (2018)
66. Physico-Chemical and Sensory Properties of Potato Sticks Fried in Different Commercial Vegetable Oils: Syed Rajab Ayub, M.Sc (Hons.) Thesis (2018)
67. Determination of Aflatoxin In Wheat and Rice Grains From District Gujranwala: Fiza Khalid, M.Sc (Hons.) Thesis (2018)
68. Quality assessment of dried candied tomatoes: Marryam Aftab, M.Sc (Hons.) Thesis (2018) (Co-Supervisor)
69. Quality evaluation of cinnamon added dried apple candy: Hifza Aftab, M.Sc (Hons.) Thesis (2018) (Co-Supervisor)
70. Inactivation of peroxidase enzyme in Broccoli using radio frequency (RF) heating: Umer Farooq, M.Sc (Hons.) Thesis (2017)
71. Quality assessment of drinking water from different water filtration plants located in selected areas of Lahore: Qamar Ilyas, M.Sc (Hons.) Thesis (2017)
72. Incorporation of aloe vera to increase the nutritional quality and shelf life of chicken nuggets: Amina Nasir, M.Sc (Hons.) Thesis (2017)

73. Quantification of Aflatoxins (B₁, B₂, G₁, G₂) in wheat grains collected from different regions: Mubshair Naveed, M.Sc (Hons.) Thesis (2017)
74. Nutritional assessment of school going children in district Kasur: Muhammad Mustafa Hanif, M.Sc (Hons.) Thesis (2017)
75. Food Safety evaluation of commonly sold food products at canteens of Punjab University, Quid-i-Azam campus: Kainat Ashfaq, M.Sc (Hons.) Thesis (2017)
76. Quality assessment of different food products at hostel canteens in University of the Punjab: Qandeel Zainib, M.Sc (Hons.) Thesis (2017)
77. Quality evaluation of commercial edible oils of various brands in Bahawalpur city: Bushra Rehman, M.Sc (Hons.) Thesis (2017)
78. Assessment of Aflatoxins in Wheat flour from different markets: Muhammad Rehan, M.Sc (Hons.) Thesis (2017)
79. Determination of Aflatoxins and Sudan dye in different spices intended for human consumption: Imran Khan, M.Sc (Hons.) Thesis (2017)
80. Characterization of Aloe Vera to explore its nutraceutical potential against hypercholesterolemia: Muhammad Aasim, M.Sc (Hons.) Thesis (2017)
81. Extraction of value added products from local varieties of potatoes: Asad Nawaz, M.Sc (Hons.) Thesis (2016)
82. Nutritional assessment and dietary pattern of school going children in Bahawalnagar: Muzammel Shoukat, M.Sc (Hons.) Thesis (2016)
83. Physico-chemical and sensory attributes of aloe vera-papaya functional beverage blend: Syed Ali-ur-Rehman Siddiqui, M.Sc (Hons.) Thesis (2016)
84. Development of cookies by replacing fat with olive oil blend and its effect on physico-chemical and sensory characteristics: Habib-ur-Rasheed, M.Sc (Hons.) Thesis (2016)
85. Studies on the food safety knowledge, attitude and practices of the food handlers at Punjab University canteens: Syeda Memoona Asif, M.Sc (Hons.) Thesis (2016)
86. Detection and quantification of aflatoxins in different types of rice grains from selected areas of Punjab: Atta-ur-rehman, M.Sc (Hons.) Thesis (2016)
87. Safety status and physico-chemical profile of raw milk being sold in the local markets of Lahore: Mateen Ahmed, M.Sc (Hons.) Thesis (2016)
88. Safety status and physico-chemical profile of raw milk being sold in the local markets of Multan: Muhammad Awais, M.Sc (Hons.) Thesis (2016)
89. Preparation, quality evaluation and storage stability of Papaya jam: Azhar Mahmood, M.Sc (Hons.) Thesis (2016)
90. Physico-chemical and sensory attributes of flavoured aloe vera ready to serve (RTS) drink: Asad Munir, M.Sc (Hons.) Thesis (2016)
91. Evaluation of quality status and determination of adulterants in processed fruits and vegetable based products marketed in the local markets of Lahore: Manzoor Elahi, M.Sc (Hons.) Thesis (2016)
92. Development of Date Pit Oil Based Edible Coating for Extending the Shelf Life of Guava Fruit: Zahid Mubeen, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
93. Characterization and Nutritional Profiling of Whey Powder Supplemented Cookies: Muhammad Khalil Ahmed, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)

94. Assessment of Aflatoxin M₁ Levels in Raw Milk Collected from Different Geographical Zones of Lahore City, Pakistan: Ali Ilyas, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
95. Physico-chemical and sensory attributes of Soy-milk from locally procured soybean seeds; Junaid Mustafa, M.Sc (Hons.) Thesis (2015)
96. Phylogenetic analysis of fungal species isolated from rice grains being sold in local markets: Sohaib Afzaal, M.Sc (Hons.) Thesis (2015)
97. Development of camel milk soft cheese supplemented with inulin: Meiraj Nazeer Shakir, M.Sc (Hons.) Thesis (2015) (Co-Supervisor)
98. Isolation and molecular characterization of mycoflora from stored rice; Hina Shanakht, M.Sc (Hons.) Thesis (2014) (Co-Supervisor)

Research Grants

Year	Title	Funding Agency	Role	Amount
2024	Development of Aloe Vera based coating for the preservation of <i>Psidium guajava</i> L.	University of the Punjab	Principal Investigator	0.25 Million PKR
2022	Incorporation of Potato (<i>Solanum tuberosum</i>) Peel Waste for the Development and Sensory Evaluation of Nutritious Bakery item	University of the Punjab	Principal Investigator	0.25 Million PKR
2021	Utilization of Aloe Vera to enhance the nutritional profile, sensory attributes and shelf life of the meat products	University of the Punjab	Principal Investigator	0.25 Million PKR
2020	Development of Quinoa based Composite Flour for the Production of Nutritious Bakery Item	University of the Punjab	Principal Investigator	0.15 Million PKR
2019	Optimization of the production technology for the preparation of <i>Moringa oleifera</i> based fermented dairy product	University of the Punjab	Principal Investigator	0.15 Million PKR
2018	Glucose-lysine non-enzymatic browning as time-temperature indicator for monitoring drying process and quality of Okra	HEC Pakistan	Co-Principal Investigator	0.5 Million PKR
2017	Determination of Aflatoxins in Rice grains collected from local markets of Lahore and Sheikhpura	University of the Punjab	Principal Investigator	0.15 Million PKR
2016	Analysis of pesticide residues in local milk chains of District Kasur, Punjab	University of the Punjab	Principal Investigator	0.15 Million PKR

2015	Microbial Detoxification of Aflatoxins in Cereal Grains	HEC Pakistan	Principal Investigator	5.716 Million PKR
2015	Analysis of pesticide residues on fruits being sold in local markets of Lahore city	University of the Punjab	Principal Investigator	0.15 Million PKR
2014	Analysis of pesticide residues on vegetables being sold in local markets of Lahore city	University of the Punjab	Principal Investigator	0.15 Million PKR
2013	Characterization of Fungal Microbiota on Rice grains in Local Markets of Lahore	University of the Punjab	Principal Investigator	0.15 Million PKR
2012	Molecular probing of Mycotoxigenic fungi in stored rice grains in Punjab	HEC Pakistan	Principal Investigator	0.5 Million PKR
2011	Impact Assessment of the Transgenic Sugarcane Over Expressing Antifungal Proteins on Endophytic and Rhizospheric Microorganisms	ILSI Research Foundation Germany	Collaborator	15000 US\$

RESEARCH PUBLICATIONS / BOOK CHAPTERS

Publications in Impact Factor Journals

1. Quratulain Maqsood, Rafia Waseem, Aleena Sumrin, Abdul Wajid, Muhammad Rizwan Tariq, **Shinawar Waseem Ali** and Muhammada Mahnoor. Recent trends in bioremediation and bioaugmentation strategies for mitigation of marine based pollutants: current perspectives and future outlook. *Discover Sustainability*, 5:1 (2024) 524. DOI: <https://doi.org/10.1007/s43621-024-00607-6>. (**Impact Factor: 2.4**) (HEC: **W**) (EISSN: 2662-9984) (Switzerland) (December 2024)
2. Hina Ibrahim, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Zujaja Umer, Zunaira Basharat, Azeem Intisar, Tariq Mahmood, Gulzar Ahmad Nayik, Seema Ramniwas, Saleh Alfarraj and Mohammad Javed Ansari. Assessing Nutritional Probing and Storage Stability of Functional Aloe vera (*Aloe barbadensis*) based Guava Jam: A Machine Learning Approach for Predictive Modelling. *International Journal of Food Science & Technology*, 59:7 (2024) 4797-4806, <https://doi.org/10.1111/ijfs.17209>. (**Impact Factor: 3.3**) (HEC: **W**) (ISSN: 0950-5423,1365-2621) (United Kingdom) (July 2024)
3. Wajeeha Saeed, Esha Shahbaz, Quratulain Maqsood, **Shinawar Waseem Ali** and Muhammada Mahnoor. Cutaneous Oncology: Strategies for Melanoma Prevention, Diagnosis, and Therapy. *Cancer Control*, 31 (2024) 1-24. DOI: 10.1177/10732748241274978. (**Impact Factor: 2.5**) (HEC: **W**) (ISSN: 1073-2748, 1526-2359) (United States) (July 2024)
4. Zujaja Umer, Aneeka Adris, Syeda Urooj Zahra, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Waseem Safdar, Gulzar Ahmad Nayik, Seema Ramniwas, Mohammad Javed Ansari, Tahani Awad Alahmadi. Exploring the influence of sweet potato powder on the physicochemical characteristics, oxidative potential and sensory perception of mayonnaise. *International Journal of Food Science & Technology*, 59:5 (2024) 3258-3270,

- <https://doi.org/10.1111/ijfs.17072>. (**Impact Factor: 3.3**) (HEC: **W**) (ISSN: 0950-5423,1365-2621) (United Kingdom) (May 2024)
5. Khurram Muaz, Muhammad Riaz, Carlos Oliveira, Amir Ismail, Saeed Akhtar, Habib Nadeem, **Shinawar Waseem Ali**, Zulfiqar Ahmed. Aflatoxin M 1 removal from milk using activated carbon and bentonite combined with lactic acid bacteria cells. *International Journal of Dairy Technology*, 77:2 (2024) 393-402. <https://doi.org/10.1111/1471-0307.13036>. (**Impact Factor: 4.4**) (HEC: **W**) (ISSN: 1471-0307, 1364-727X) (United States) (May 2024)
 6. Muhammad Kashif, Muhammad Riaz, Saeed Akhtar, Khurram Muaz, Habib Nadeem, **Shinawar Waseem Ali**, Amir Ismail. Seasonal and Geographical Analysis of Aflatoxins in Different Varieties of Brown Rice Collected From Two Districts of Punjab-Pakistan. *Journal of Animal & Plant Sciences*, 34:2 (2024) 465-475, <https://doi.org/10.36899/JAPS.2024.2.0732>. (**Impact Factor: 0.7**) (HEC: **Y**) (ISSN: 1018-7081, 2309-8694) (Pakistan) (April 2024)
 7. Mateen Ahmad, Shinawar Waseem Ali, Muhammad Aasim, Muhammad Awais, Zulfiqar Ahmad, Ayesha Murtaza, Muhammad Nadeem, Muzzammal Ahmed Muzzafar, Aftab Ahmed. Development and characterization of locally prepared Aloe Vera juice and its functional potential against Hyperlipidemia. *Pakistan Journal of Agricultural Sciences*, 61:1 (2024) 93-101, DOI:10.21162/PAKJAS/24.160. (**Impact factor: 0.8**) (HEC: **X**) (ISSN: 2076-0906,0552-9034) (Pakistan) (March 2024)
 8. Muzzammal Ahmed Muzzafar, Shinawar Waseem Ali, Munawar Iqbal, Maryam Saeed, Mateen Ahmad, Muhammad Rizwan Tariq, Abdikhaliq Mursal Yusuf, Ayesha Murtaza, Aftab Ahmed, Shazia Yaqub, Muhammad Riaz. Comparative evaluation of ethylene oxide, electron beam and gamma irradiation treatments on commonly cultivated red chilli cultivars (Kunri and Hybrid) of Sindh, Pakistan. *Heliyon*, 10:1 (2024) e23476, <https://doi.org/10.1016/j.heliyon.2023.e23476>. (**Impact factor: 4.0**) (HEC: **W**) (ISSN: 2405-8440) (Netherland) (January 2024)
 9. Razia Sultana, **Shinawar Waseem Ali**, Ghulam Murtaza, Shahid Mahmood. Assessment of Bacterial Composition of Locally Processed Back-Slopped Yogurt Through Next-Generation Sequencing. *Pakistan Journal of Zoology*, 55 (2023) 2723, DOI: <https://dx.doi.org/10.17582/journal.pjz/20220619100617>. (**Impact factor: 0.6**) (HEC: **Y**) (ISSN: 0030-9923) (Pakistan) (December 2023)
 10. Zunaira Basharat, Maryam Imran, Fatima Naeem, Muhammad Wasim Sajid, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Zujaja Umer, Waseem Safdar, Humphrey Garti. Development of chicken tender pops by utilizing pomegranate peel powder. *Food Science & Nutrition*, 11 (2023) 4530–4546, DOI: 10.1002/fsn3.3412. (**Impact factor: 3.9**) (HEC: **W**) (ISSN: 2048-7177) (United Kingdom) (August 2023)
 11. Aftab Ahmad, Muhammad Afzaal, Farhan Saeed, **Shinawar Waseem Ali**, Ali Imran, Syed Yaseen Raza Zaidi, Muhammad Awais Saleem, Muzzamal Hussain, Entessar Al Jbawi. A comprehensive review of the therapeutic potential of citrus bioflavonoid hesperidin against lifestyle-related disorders. *Cogent Food & Agriculture*, 2 (2023) e2226427. <https://doi.org/10.1080/23311932.2023.2226427> (**Impact factor: 2.0**) (HEC: **W**) (ISSN: 2331-1932) (United Kingdom) (July 2023)
 12. Muhammad Waqas Arshad, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Zunaira Basharat, Zujaja Umer, Gulzar Ahmad Nayik, Seema Ramniwas, Abeer S Aloufi, Sulaiman Ali Alharbi, Mohammad Javed Ansari. Comparison of Thawing Treatments on Quality, Microbiota, and Organoleptic Characteristics of Chicken Meat Fillets. *ACS Omega*, 08 (2023) 26548–26555, <https://doi.org/10.1021/acsomega.3c03385>. (**Impact factor: 4.1**) (HEC: **W**) (ISSN: 2470-1343) (United States) (July 2023)
 13. Aneela Hameed, Muhammad Junaid Anwar, Muhammad Issa Khan, Omer Mukhtar Tarar, **Shinawar Waseem Ali**, Asim Faraz, Nimra Arshad, Maryam Noreen, Ali Sher Kashif.

- Assessing the impact of camel breed and their grazing habits on the nutritional profile of milk. *Pakistan Journal of Agricultural Sciences*, 60 (2023) 303-311, DOI:[10.21162/PAKJAS/23.126](https://doi.org/10.21162/PAKJAS/23.126). (**Impact factor: 0.8**) (HEC: X) (ISSN: 2076-0906,0552-9034) (Pakistan) (June 2023)
14. Shafaq Anwar, Anam Saleem, Ayesha Razzaq, Muhammad Adnan Nasir, Abrar Hussain, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Azeem Intisar, Waseem Safdar, Zujaja Umer. Nutritional probing and storage stability of papaya jam supplemented with date pit powder. *Heliyon*, 04 (2023) e15912, <https://doi.org/10.1016/j.heliyon.2023.e15912>. (**Impact factor: 4.0**) (HEC: W) (ISSN: 2405-8440) (Netherland) (May 2023)
 15. Sidra Dr., Muhammad Muneeb Zaman, Zunaira Farooq, Amina Hafeez, Muhammad Wasim Sajid, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhammad Shafiq, Madiha Iftikhar, Waseem Safdar. Supplementation of PUFA extracted from microalgae for the development of chicken patties, *PeerJ*, 11 (2023), e15355, DOI 10.7717/peerj.15355. (**Impact factor: 2.7**) (HEC: W) (ISSN: 2167-8359) (United States) (May 2023)
 16. Saima Perveen, Muhammad Junaid Anwar, Tariq Ismail, Aneela Hameed, Syeda Sameen Naqvi, Mohamad Fawzi Mahomoodally, Farhan Saeed, Ali Imran, Muzzamal Hussain, Muhammad Imran, Habib Ur Rehman, Tara Khursheed, Tabussam Tufail, Tahir Mehmood, **Shinawar Waseem Ali**, Entessar Al Jbawi. Utilization of biomaterials to develop the biodegradable food packaging. *International Journal of Food Properties*, 26 (2023) 1122-1139, <https://doi.org/10.1080/10942912.2023.2200606>. (**Impact factor: 2.9**) (HEC: W) (ISSN: 1532-2386, 1094-2912) (United States) (April 2023)
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Cumulative Impact Factor: > 170

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2. Zahra Batool, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Zujaja Umer, Mohammad Taqi Abbas, Maham Khalid. Development and shelf stability of functional drink prepared from watermelon and cucumber. *International Journal of Pharmacy & Integrated Health Sciences*, 3:2 (2022) 102-117. <https://doi.org/10.56536/ijpihs.v3i2.52>, (HEC: **Y**) (ISSN: 2789-2840) (Pakistan) (October 2022)
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7. Muhammad Ali, Hafiz Azhar Ali Khan, Hafiz Muhammad Tahir, Asad Tariq, Muhammad Ashfaq, **Shinawar Waseem Ali**, Asim Gulzar, Hafiz Muhammad Umer Aslam, Uzma Khalid, Sajawal Yousaf, Urooj Mubashar. Larvicidal Potential of Different Plants Extracts against the Larvae of Mosquito (*Aedes Aegypti* (L.) (Culicidae:Diptera). *Pakistan Entomologist*, 39:1 (2017) 37-40, <http://www.pakentomol.com/cms/pages/tables/upload/file/59a9b3668eace7.pdf>. (HEC: Y till June 2020) (ISSN: 1017-1827,2521-5922) (Pakistan) (May)
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 10. **Shinawar Waseem Ali**, Mateen Ahmad, Muhammad Awais, Aftab Ahmed. Management of Citrus Waste in Pakistan's Perspective. *Journal of Hygienic Engineering and Design*, 15 (2016) 83-88, <http://www.jhed.mk/filemanager/JHED%20Vol.%2015/03.%20FPP/06.%20Full%20paper%20-%20Shinawar%20Waseem%20Ali.pdf>, (HEC: Y) (ISSN: 1857-8489) (Macedonia) (June)
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 14. **Shinawar Waseem Ali** and Sohaib Afzaal. Aflatoxins in Pakistani Foods: A Serious Threat to Food Safety. *Journal of Hygienic Engineering and Design*. 9 (2014) 20-25, <http://www.jhed.mk/filemanager/JHED%20Vol.%2009/02.%20FQS/02.%20Full%20Paper%20-%20Shinawar%20Waseem%20Ali.pdf>, (HEC: Y) (ISSN: 1857-8489) (Macedonia) (December)
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1. Quratulain Maqsood, Nazim Hussain, Aleena Sumrin, Shinawar Waseem Ali, Muhammad Rizwan Tariq, Muhammada Mahnoor. 2024. Monitoring and abatement of synthetic pollutants using engineered microbial systems. *Discover Life*, 54(1): 9. <https://doi.org/10.1007/s11084-024-09652-7>. (ISSN: 2948-2976) (Netherlands) (July 2024)
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3. Shazia Yaqub, Mian Anjum Murtaza, **Shinawar Waseem Ali**, Abdul Munim Farooq. Comparison of methods of inoculation for antibacterial potential assay. *International Journal of Biosciences*. 15:3 (2019) 328-333, <http://dx.doi.org/10.12692/ijb/15.3.328-333>, <http://www.innspub.net/wp-content/uploads/2019/10/IJB-Vol-15-No-3-p-328-333-1.pdf>, (ISSN: 2222-5234, 2220-6655) (Bangladesh) (June)
4. Sohaib Afzaal, Usman Hameed, Khurram Jahangir Toor, Nasir Ahmad and **Shinawar Waseem Ali**. Value Addition in Milk Products through β -Galactosidase. *Acta Scientific Microbiology*, SI-01 (2019): 47-49. doi: 10.31080/ASMI.2019.S01.0014 (Impact Factor: 0.82), (ISSN: 2581-3226) (India) (October)
5. Tehreem Nisar, Asma Lodhi, Muhammad Imran, Anees Ahmed Khalil, Syed Amir Gilani, **Shinawar Waseem Ali**, and Rai Muhammad Amir. Effect of Carbonated Drinks on Biochemical Parameters of Rat Serum. *Journal of Environmental and Agricultural Sciences*, 14 (2018):31-38, http://jeas.agropublishers.com/wp-content/uploads/2018/06/JEAS-14-31-38_353_Carbonated_Drinks_Calcium.pdf. (ISSN: 2313-8629) (Pakistan) (March 2018)
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8. Aftab Ahmed Khan, **Shinawar Waseem Ali**, Khalil-ur-Rehman, Shakir Manzoor, Syed Rajab Ayub, Mahrukh Ilyas. Influence of Sugar Concentration on Physicochemical Properties and Sensory Attributes of Sapodilla Jam. *PeerJ PrePrints*, 4:e1777v1 (2016) 1-10, <https://doi.org/10.7287/peerj.preprints.1777v1>, (ISSN: 2167-8359, 2376-5992) (United States) (February)
9. Awais Amin, **Shinawar Waseem Ali**, Rubina Arshad, Shahid Nadeem and Sikander Ali. Characterization of chitinolytic bacterial strains isolated from local habitat. *Mycopath*. 9 (2011) 51-55, <https://pdfs.semanticscholar.org/794b/9515bf0a4b6cc3c239329e179f6b6f8135d8.pdf>. (ISSN: 1729-5521) (Pakistan) (December)

Publications in Int'l Conference Proceedings (Full Length Papers)

1. Zain Ali, Zunaira Basharat, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhammad Shafiq and Moazzam Anees. Comparative study of food handlers' knowledge about food safety & hygiene in domestic and international fast-food chains. Proceedings of "8th International Baskent Congress on Physical, Engineering, and Applied Sciences", ISBN:

- 978-975-00544-5-7, 04-06 Feb 2023, Ankara Turkey, pp 440-447, <https://drive.google.com/file/d/1oxely27ts-HRO8hRSGWQqj5KHOI7nhuk/view> (online & face to face)
2. Rimsha Mehmood, Zujaja Umer, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Muhammad Usama Bin Hasan. Awareness about consumption of Organic Food and food products in Pakistan. Proceedings of “7th International Congress on Life, Social, and Health Sciences in A Changing World”, ISBN: 978-605-73228-4-5, 24-26 September 2022, Turkey, pp 561-572, https://drive.google.com/file/d/1J14ILkAw3rFMsYP8vJ_spE1JJycetiiG/view (online & face to face)
 3. Awisra Rehman, Zunaira Basharat, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhammad Shafiq, Moazzam Anees. Comparative analysis of consumer’s preferences towards raw and packed meat. Proceedings of “6th International Congress on Life, Social, and Health Sciences in A Changing World”, ISBN: 978-605-71461-9-9, 02-03 July 2022, Turkey, pp 1038-1046, <https://drive.google.com/file/d/1XMMrN1fSEINkyqw3QV4HpzyGWzmNh78Z/view> (online & face to face)
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 5. Sabahat, Wazuha, Mubshra Rehman, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhammad Shafiq, Moazzam Anees. Comparative Assessment of Consumer’s Behavior Towards Raw Milk And Packed Milk. Proceedings of “3rd Int’l Congress on Life, Social and Health Sciences in a Changing World”, ISBN:978-605-74191-9-4, 13-14 November 2021, pp 349-55, Turkey, https://www.changingworldcongress.com/_files/ugd/b713f8_b5f4db2f24b74f74832f91354e7bea29.pdf (online & face to face)
 6. Kanza Saleem, Mubshra Rehman, Wazuha, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhammad Shafiq. Trend in Consumer Gratification Towards Fast-Food Industry: A Cross-Sectional Study. Proceedings of “3rd Int’l Congress on Life, Social and Health Sciences in a Changing World”, ISBN:978-605-74191-9-4, 13-14 November 2021, pp 356-62, Turkey, https://www.changingworldcongress.com/_files/ugd/b713f8_b5f4db2f24b74f74832f91354e7bea29.pdf (online & face to face)
 7. Mubshra Rehman, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhammad Shafiq, Moazzam Anees. Exploring Consumer Behaviour and Attitude Towards Food Delivery Services In Covid-19 Pandemic. Proceedings of “6th International Istanbul Scientific Research Congress”, pp 615-22, ISBN:978-605-74191-8-7, 30-31 October 2021, Istanbul, Turkey <https://www.internationalistanbulcongress.com/en/about-3> (online & face to face)
 8. Muhammad Rizwan Tariq, Muniza Sarfraz, **Shinawar Waseem Ali**, Sajid Ali, Ammara Fatima, Moazzam Anees, Muhammad Shafiq. Analysing the Consumption of Carbonated Drinks Among Adults in Pakistan. Proceedings of “6th International Istanbul Scientific Research Congress”, pp 120-26, ISBN:978-605-74191-8-7, 30-31 October 2021, Istanbul, Turkey, <https://www.internationalistanbulcongress.com/en/about-3> (online & face to face)
 9. Sohaib Afzaal, **Shinawar Waseem Ali**, Aftab Ahmed and Rashid Mahmood. Molecular characterization of fungal species isolated from rice grains. Proceedings of “*International Conference on Chemical, Agricultural and Biological Sciences (CABS-2015)*”, 4-5 September 2015, Istanbul, Turkey

10. Aftab Ahmed, Muhammad Umair Arshad, **Shinawar Waseem Ali**, Rashid Mahmood and Farhan Saeed. Characterization and Nutritional profiling of bittergourd (*Momordica charantia*). Proceedings of “*International Conference of Chemical, Agricultural and Biological Sciences (CABS-2015)*”, 4-5 September 2015, Istanbul, Turkey
11. Rashid Mahmood, Muhammad Khalid Abbas, Salik Nawaz Khan, **Shinawar Waseem Ali** and Aftab Ahmed. Impact of Rate and Source of Nitrogen on Mycelial Growth and Sporulation of *Macrophomina phaseolina*. Proceedings of “*International Conference of Chemical, Agricultural and Biological Sciences (CABS-2015)*”, 4-5 September 2015, Istanbul, Turkey
12. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz and Muhammad Hassan Mushtaq. Decontaminating mycotoxins in agricultural produce following bioremediation approach. *Scientific Bulletin-Series F-Biotechnologies*, 17 (2013) 225-227, <http://biotechnologyjournal.usamv.ro/index.php/scientific-papers/158-decontaminating-mycotoxins-in-agricultural-produce-following-bioremediation-approach>, <http://biotechnologyjournal.usamv.ro/pdf/vol.LVI/Art40.pdf>.

Book Chapters

1. Aqsa Zahid, Aqsa Khaliq, Mehr ul Nisa, Quratulain Maqsood, Nazim Hussain, **Shinawar Waseem Ali**, and Syed Mohsin Abbas. Emerging Paradigms in Lung Cancer Treatment: Recent Breakthroughs and Innovation, In: *Interdisciplinary Cancer Research (Book series)*, Editors: Nima Rezaei, pp. online first, Springer Cham, July 2024, ISBN: 978-3-031-43982-7. https://doi.org/10.1007/16833_2024_255
2. Muhammad Ali Qureshi, Muhammad Younas Khan, Ahmed Imran, Quratulain Maqsood, Nazim Hussain, and **Shinawar Waseem Ali**. Revolutionizing Breast Cancer Care: Cutting-Edge Breakthroughs and Future Frontiers in Precision Medicine, In: *Interdisciplinary Cancer Research (Book series)*, Editors: Nima Rezaei, pp. online first, Springer Cham, July 2024, ISBN: 978-3-031-43982-7. https://doi.org/10.1007/16833_2024_254
3. Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Zunaira Basharat, Waseem Safdar, Saeed Ahmed, Asma Saleem Qazi. Storage, Processing, and Stability of Phycobilins. In: *Pharmaceutical and Nutraceutical Potential of Cyanobacteria*. Editors: Muhammad Aamer Mehmood, Pradeep Verma, Maulin P. Shah, Michael J. Betenbaugh, pp. 133-159, Springer International, March 2024, ISBN:978-3-031-45522-3. https://doi.org/10.1007/978-3-031-45523-0_6
4. Zunaira Basharat, Darakhshan Ahmed, Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Muhammad Usama Pervaiz. Development of Edible Food Wrappers: An Eco-Friendly Approach Towards Sustainability. In: *Innovations in Engineering and Food Science*. Editors: Shilpa Mehta, Fakhar Islam & Ali Imran, pp. 229-262, IGI Global, April 2024, ISBN: 979-8-369-30338-2, [DOI: 10.4018/979-8-3693-0819-6.ch009](https://doi.org/10.4018/979-8-3693-0819-6.ch009)
5. Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Noor Fatima, Aqsa Jabeen, Asma Saleem Qazi, Amna Hameed and Waseem Safdar. Radiation Therapies in Cancer. In: *Therapeutic Approaches in Cancer Treatment*. Editors: Asma Saleem Qazi & Kanwal Tariq, pp. 59-77, Springer International, June 2023, ISBN:978-3-031-27155-7, https://doi.org/10.1007/978-3-031-27156-4_4
6. Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sehar Anam Khan, Roshan Yamen, Sara Iqbal, Waseem Safdar, and Muhammad Naveed Sheas. Hormonal Therapies in Cancers. In: *Therapeutic Approaches in Cancer Treatment*. Editors: Asma Saleem Qazi & Kanwal Tariq,

- pp. 91-104 Springer International, June 2023, ISBN:978-3-031-27155-7, https://doi.org/10.1007/978-3-031-27156-4_6
7. Aftab Ahmed, Muhammad Awaise Saleem, Muhammad Afzaal, **Shinawar Waseem Ali**, Muhammad Nadeem, and Noshiza Majeed. Antioxidants as Adjuncts to Conventional Therapies Against Oxidative Stress. In: *The Role of Natural Antioxidants in Brain Disorders*, Editors: Ali Imran and Ghulam Hussain, pp. 215-247. Springer, 2023, ISBN:978-3-031-41188-5. https://doi.org/10.1007/978-3-031-41188-5_9
 8. Aftab Ahmad, Farhan Saeed, Muhammad Afzaal, **Shinawar Waseem Ali**, Ali Imran, and Muhammad Awais Saleem. Emerging Packaging and Storage Technologies. In: *Apples: Preharvest and Postharvest Technology*, Editors: Rafiyya Mushtaq, Gulzar Ahmad Nayik, and Ab Raouf Malik, pp. 205-216, CRC Press, 2023, ISBN:978-1-032-14556-3, DOI: [10.1201/9781003239925](https://doi.org/10.1201/9781003239925)
 9. Ehsan Ul Haque, Sohaib Afzaal, Akbar Hayat, Mian Anjum Murtaza, Ahmad Din, **Shinawar Waseem Ali**, and Shakeel Ahmad. Rice-Based Products. In: *Modern Techniques of Rice Crop Production*, Editors: Naeem Sarwar, Atique-ur-Rehman, Shakeel Ahmad & Mirza Hasanuzzaman, pp. 781-807. Springer, Singapore, 2022, ISBN:978-981-16-4954-7, https://doi.org/10.1007/978-981-16-4955-4_9
 10. Muhammad Rizwan Tariq, **Shinawar Waseem Ali**, Sajid Ali, Muhamad Shafiq. Health and Medicinal Properties of Turmeric Oleoresin. In: *Handbook of Oleoresins: Extraction, Characterization, and Applications*, Editors: Gulzar Ahmad Nayik, Amir Gull, and Tariq Ahmad Ganaie, pp. 285-300. CRC Press, 2022, ISBN:978-1-032-01400-5(hbk), <https://doi.org/10.1201/9781003186205-14>
 11. Samia Tahir, **Shinawar Waseem Ali**. Regulations for Aflatoxins in Developing and Industrialized Economies. In: *Aflatoxins in Foods: A recent perspective*, Editors: Hakeem K.R., Oliveira C.A.F., Ismail A. pp 141-160, Springer, Cham, 2022. ISBN:978-3-030-85761-5, https://doi.org/10.1007/978-3-030-85762-2_7
 12. Muhammad Imran, Faqir Muhammad Anjum, **Shinawar Waseem Ali**, Iahtisham-Ul-Haq and Hafiz Ansar Rasul Suleria. Olive Oil Phenols: Chemistry, Synthesis, Metabolism, Fats, and Their Allied Health Claims. In: *Human Health Benefits of Plant Bioactive Compounds Potentials and Prospects*, Editors: Megh R. Goyal and Hafiz Ansar Rasul Suleria. pp. , Apple Academic Press, July 2019, ISBN:9781771887397, <https://www.appleacademicpress.com/human-health-benefits-of-plant-bioactive-compounds-potentials-and-prospects/9781771887397>
 13. Aftab Ahmed, Muhammad Sajid Arshad, Ali Imran and **Shinawar Waseem Ali**. Introductory Chapter: Meat Science and Human Nutrition, In: *Meat Science and Nutrition*, Editors: Muhammad Sajid Arshad, pp. 3-14 , IntechOpen, October 2018, ISBN:978-1-78984-234-0, <https://doi.org/10.5772/intechopen.81001>

CONFERENCE PRESENTATIONS / ABSTRACTS PUBLISHED IN PROCEEDINGS

Invited Speaker / Keynote Speaker

1. **Shinawar Waseem Ali (Invited Speaker)**. Functional and Nutraceutical Potential of *Moringa Oleifera* as a Natural Additive in Foods. 2nd International Conference on “Emerging horizons of Science & Technology (ICEHST)”, 21-22 November 2024, University of Central Punjab, Lahore, Pakistan.

2. **Shinawar Waseem Ali (Invited Speaker)**. Halal Food Authentication in Pakistan: Challenges & Way Forward. 8th International Conference on “Halal Food Industry: Insight from Pakistan”, 24-25 April 2024, Bahauddin Zakariya University Multan, Pakistan.
3. **Shinawar Waseem Ali (Keynote Speaker)**. Functional Potential of Aloe Vera to Mitigate Oxidative Stress Mediated Dysfunctions. 2nd International Rehabilitation & Allied Health Sciences Conference (RASCON-2024)”, 01-03 March 2024, organized by Superior University Lahore in PC Hotel Lahore, Pakistan.
4. **Shinawar Waseem Ali (Keynote Speaker)**. Nutraceutical Potential of Aloe vera and its Applications for the Development of Functional Foods. International Conference on “Recent Trends in Clinical Nutrition and Food Sciences”, 24-25 February 2023, University of Home Economics, Lahore, Pakistan.
5. **Shinawar Waseem Ali (Guest Speaker)**. Food Safety: Every One’s Buisness. World Food Safety Day, 10 June 2019, at University of Central Punjab, Lahore, Pakistan.
6. **Shinawar Waseem Ali (Invited Speaker)** and Kainat Ashfaq. Use of aloe vera in food processing for value addition and improved nutrition, “4th International Conference on Food and Nutritional Security in Challenging Climate, 3-4 March 2019, BZ University Multan, Pakistan.
7. **Shinawar Waseem Ali (Invited Speaker)**. Food Safety Assessment of Drinking Water from different areas of Lahore, Pakistan, Int’l Symposium on Food Security, Quality and Safety (ISFSQS-2018), 27-28 November 2018, at University of Central Punjab Lahore.

International / National Conference Presentations

8. **Shinawar Waseem Ali**, Maryam Saeed and Muhammad Rizwan Tariq. Exploring the Nutraceutical Potential of *Moringa Oleifera* Fortification in Local Foods. 8th International Conference on “Sustaining Livelihoods: Climate-Smart Agriculture for Food Security”, 03-04 July, 2024, Faculty of Agriculture, University of Poonch Rawalakot, Azad Jammu & Kashmir, Pakistan.
9. **Shinawar Waseem Ali**, Syed Ali-ur-Rehman, Mateen Ahmad, Muhammad Rizwan Tariq and Maryam Saeed. Formulation and Quality Evaluation of Aloe Vera-Papaya Blended Functional Beverage. International Conference on “Emerging Trends in Food Processing, 29-30 April 2024, NED University of Engineering & Technology, Karachi, Pakistan
10. **Shinawar Waseem Ali**, Muhammad Bilal Amin, Muhammad Rizwan Tariq. Development and Characterization of Rice Bran Oil Based Low-fat Mayonnaise using Cinnamon Essential Oil. International Conference on “Food and Applied Sciences (ICFAS-23)”, 03-05 August 2023, Dir-Kumrat, Pakistan.
11. **Shinawar Waseem Ali**. Food Security and Malnutrition in Pakistan: Current Scenario and the Way Forward. 3rd International Conference on “Environment and sustainable Development: Partnership for the Goals”, 13-15 September 2021, GC University, Lahore, Pakistan.
12. **Shinawar Waseem Ali** and Muhammad Akhlaq. Disease management (COVID-19) through consumption of safe foods. “International Virtual Conference on Plant Based Food: Potential for Food Security and Pandemic Management”, 15-16 October 2020, MNS University of Agriculture, Multan, Pakistan.
13. **Shinawar Waseem Ali**. Nutraceuticals and Functional Foods for Improved Health and Better Nutrition. “First Pakistan Virtual Exhibition and International Conference on Pharma, Food and Healthcare”. 25-28 August 2020, NAFS and Prime Events, Karachi Pakistan.

14. **Shinawar Waseem Ali** and Asad Munir. Formulation and Quality Evaluation of Flavored Aloe Vera Ready to Serve (RTS) Drink. “International Horticulture Conference”, 26-28 February 2020, SA Gardens Lahore and University of the Punjab, Lahore, Pakistan.
15. **Shinawar Waseem Ali** and Mahrukh Ilyas. Storage stability and quality attributes of aloe-vera juice, “30th All Pakistan Food Science Conference and Food & Nutrition Expo-2019”, 10-11 December 2019, University of Lahore, Pakistan.
16. **Shinawar Waseem Ali** and Zunair Zaheer. Physico-chemical and microbiological analysis of bottled drinking water, International Conference of Punjab University (ICPU-2019) on Recent Innovations in Molecular Sciences, 06-08 November 2019, University of the Punjab, Lahore, Pakistan.
17. **Shinawar Waseem Ali**, Muhammad Waqas Ashraf and Muhammad Shoaib Mehmood. Safety and quality evaluation of domestic drinking water in district Bahawalnagar, “International Conference on Environmental Toxicology and Health (ESCON-2019)”, 25-27 February 2019, COMSATS University, Vehari Campus, Pakistan.
18. **Shinawar Waseem Ali** and Maryam Saeed. Utilization of Aqueous Extract of *Moringa Oleifera* for Production of functional flavored yogurt moringa with relevance to malnutrition in children and nursing mothers, “International Conference on Food and Agriculture Technologies (ICFAST-2019)”, 15-17 January 2019, University of the Punjab and Expo Centre Lahore, Pakistan.
19. **Shinawar Waseem Ali**, Waseem Haider, and Mahrukh Ilyas. Food Safety Knowledge and Practices of Food Handlers at Hospital Canteens in Lahore, “1st International Pakistan Halal Assembly” 20-21 March 2018, Government College University, Faisalabad, Pakistan
20. **Shinawar Waseem Ali**, Muhammad Awais. Food Safety evaluation of loose milk in local markets of Multan city. “International Conference on Foods of Animal Origin”, 30-31 March 2017, University of Agriculture Faisalabad, Pakistan
21. **Shinawar Waseem Ali**, Atta-ur-Rehman. Occurrence of Aflatoxins in Different Types of Rice Grains, “5th International Conference on Food and Nutritional Security: Impact of Climate Change”, 7-8 March 2017, GC University Faisalabad, Pakistan.
22. **Shinawar Waseem Ali**, Mateen Ahmad. Quality Status of Raw Milk Being Marketed in Different Areas of Lahore. “3rd International Conference on Safe Food for All”, 2-3 March 2017, BZ University Multan, Pakistan
23. **Shinawar Waseem Ali**, Junaid Mustafa. Soy milk from locally procured soybean seeds. “26th All Pakistan Food Science Conference”, 19 April 2016, University of Agriculture Faisalabad, Pakistan.
24. **Shinawar Waseem Ali**. Quinoa: A precious food to maintain quality life. “International Conference on Global Trends in Safe and Healthy Foods”, 7-8 March 2016, Govt. College University, Faisalabad, Pakistan.
25. **Shinawar Waseem Ali** and Aysha Kanwal. Rapid detection of Candida species, causing ocular infection in Pakistani Population. “6th Congress of European Microbiologists”, 7-11 June 2015, Maastricht, The Netherlands.
26. **Shinawar Waseem Ali**. Global Harmonization initiative (GHI): A way forward to global food safety. “2nd International Conference on Agriculture, Food and Animal Sciences”, 25-26 February 2015, Sindh Agriculture University Tandojam, Pakistan.
27. **Shinawar Waseem Ali**, Sohaib Afzaal, Nasir Ahmad, Mohd Azam Khan and Tusneem Kausar. Oregano (*Origanum vulgare*): A valuable functional food ingredient to combat Ca & Fe deficiency. “International Conference on Malnutrition in South Asia: The Peril Persists”, 23-24 February 2015, BZ University Multan, Pakistan.

28. **Shinawar Waseem Ali** and Sohaib Afzaal. Aflatoxins in Pakistani Foods: A Serious Threat to Food Safety. *“International Conference on Food Quality & Safety, Health & Nutrition (Nutricon 2014)”*, 27-28 November 2014, Skopje, Republic of Macedonia.
29. **Shinawar Waseem Ali**. The need for global harmonization of food regulations. *“International Conference on Recent Developments in Human Nutrition”*, 19-20 March 2014, Pearl Continental Hotel Lahore, Pakistan. (http://ichn2014.nap.org.pk/?page_id=951)
30. **Shinawar Waseem Ali**. Pesticide residues on fruits and vegetables: Current scenario and future perspectives. *“2nd International Conference on Global Environmental Changes”*, 25-26 February 2014, Govt. College University Faisalabad, Pakistan.
31. **Shinawar Waseem Ali**¹, Hina Shanakht, Ahmad Ali Shahid and Muhammad Hassan Mushtaq. Mycotoxins contamination in Pakistani crops: An alarm for public health safety. *“1st International Conference on Applied Chemical, Biological and Aquatic Sciences”*, 18-20 February 2014, Govt. College University Faisalabad, Pakistan.
32. **Shinawar Waseem Ali**, Muhammad Riaz and Muhammad Hassan Mushtaq. Microbial degradation of pesticide residues: A forward to ensure food safety in Pakistan. *“International Conference on Emerging Issues in Nutrition and Food Safety”*, 21-23 October 2013, University of Agriculture Faisalabad, Pakistan.
33. **Shinawar Waseem Ali**, Ji-Quan Sun and Shun-Peng Li. Taxonomic characterization of a novel microbe isolated from soil. *“V International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld 2013)”*, 2-4 October 2013, Madrid, Spain.
34. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz and Muhammad Hassan Mushtaq. Decontaminating mycotoxins in agricultural produce following bioremediation approach. *“2nd International conference on Agriculture for Life, Life for Agriculture”*, June 5-8, 2013, University of Agronomic Sciences and Veterinary Medicines, Bucharest, Romania.
35. **Shinawar Waseem Ali**. Effect of globalization on future of food industries in Pakistan. *“International conference on Future Perspectives of Food Processing Industry in Pakistan”*, 11-12 December 2012, Govt. College University Faisalabad, Pakistan.
36. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz, Muhammad Hassan Mushtaq. Microbial Detoxification of Mycotoxins in Agricultural Produce. *“The First International Biology Congress in Kyrgyzstan”*, 24-26 September 2012, Kyrgyzstan Turkey Manas University, Bishkek, Kyrgyzstan.
37. **Shinawar Waseem Ali**, Saeed Akhter, Muhammad Saleem Haider and Muhammad Hassan Mushtaq. Pesticide residue in agricultural environment: A potential threat to food safety in Pakistan. *“International Science Conference on Agriculture and Food Security Issues in Global Environmental Perspectives”*, 11-13 July 2012, Faculty of Agriculture, University of Poonch, Rawalakot, Azad Jammu and Kashmir, Pakistan.
38. **Shinawar Wasseem Ali**, Muhammad Riaz, and Muhammad Hassan Mushtaq. Bioremediation: A potential tool to decontaminate mycotoxins in foods and feeds. *“1st International Conference on Safe Food and Human Health”*, 10-11 January 2012, GC University Faisalabad, Pakistan.
39. **Shinawar Waseem Ali**, Xio-hui Li, Muhammad Hassan Mushtaq and Shung-peng Li. Evaluating the biodegradation potential and diversity of Chlorpyrifos-degrading bacteria isolated from polluted waste water. *“International Conference on Applied Genetics and Biotechnology”*, 8-10 December 2011, University of Agriculture Faisalabad, Pakistan.
40. **Shinawar Waseem Ali**, Fang-bo Yu, Shahid Nadeem, Xin Yan and Shun-peng Li. Taxonomic analysis, degradation kinetics and soil microcosm studies of an abamectin-

degrading *Burkholderia diffusa* GB-01 strain. “*IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld 2011)*”, 14-16 September 2011, Torremolinos, Spain.

41. **Shinawar Waseem Ali**, Ikram-ul-Haq, Khursheed Javed, Hamid Mukhtar, and Mohsin Javed. Prebiotics: Current scenario and future perspectives as functional foods. Poster presentation in “*2nd International conference of plant scientist*”, 22-24 February 2011, GC University Lahore, Pakistan.
42. **Shinawar Waseem Ali**, Fang-Bo Yu, Li-Feng Gu, Xiao-Hui Li and Shun-Peng Li. Biodegradation of abamectin in broth medium and soil microcosm by bacterial strain *Burkholderia* sp. GB-01. “*International Conference on Plants and Environmental Pollution*”, 6-11 July 2009, Kayseri, Turkey (<http://pep2009.erciyes.edu.tr/files/abstractbook.pdf>).

ORGANISATION OF INTERNATIONAL CONFERENCE / SEMINARS / WORKSHOPS

1. Chief Organizer “*International Seminar on Global Advancements and Career Perspectives in Food Sciences*”, 13 August 2024, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
2. Chief Organizer “*International Seminar on Global Career Development Aspect for Food Science Professionals*”, 25 April 2024, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
3. Organizer/Conference Chair “*Int’l Conference on One Health (Pharma-Food-Healthcare)*”, 15-16 February 2023, held at Expo Centre, Lahore, Pakistan
4. Organizer/Conference Chair “*2nd Pakistan Int’l Food, Nutrition, Healthcare Summit & Expo 2022*”, 29-30 November 2022, held at Pak China Friendship Centre, Islamabad, Pakistan
5. Organizer/Conference Chair “*Int’l Conference on Pharma, Food & Healthcare 2022*”, 09-10 March 2022, held at Expo Centre, Lahore, Pakistan
6. Chief Organizer “*Int’l Seminar on Sustainable Supply Chain Development Program for Pakistan SME’s Sector*”, 17 November 2021, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
7. Chairman/Organizer “*Int’l Conference on Pharma, Food & Healthcare in conjunction with 10th Pak Pharma & Healthcare Expo*”, 11-12 February 2020, in collaboration with National Alliance for Safe Food (NAFS) at Expo Centre, Lahore.
8. Chief organizer/Chairman, “*Int’l Symposium on Pakistan Halal Industry: A gateway to success (Theme; Halal Accreditation: Adding Value to Lifestyle & Economic Success)*”, October 23-24, 2019 at University of the Punjab, Lahore
9. Organizer/Chairman “*Int’l Conference on Food-Agriculture Science and Technologies (ICFAST-2019)*”, 15-17 January 2019, University of the Punjab and Expo Centre Lahore, Pakistan
10. Member organizing committee for “*Int’l Conference on the Significance of Potash Use in Pakistani Agriculture*”, 4,5 October 2016, at University of the Punjab, Lahore.
11. Member organizing committee “*5th International /10th National Conference of Pakistan Phytopathological Society; Crop Protection for Sustainable Agriculture*”, 23-25 November 2015, at Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore, Pakistan.
12. Member organizing committee, “*Int’l Conference on Stress Biology and Biotechnology: Challenges & Management*”, 21-23 May 2014, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.

13. Member organizing committee, “*Int’l Conference on Recent Developments in Human Nutrition*”, 19-20 March 2014, Pearl Continental Hotel Lahore, Pakistan.

ORGANISATION OF NATIONAL CONFERENCE / SEMINARS / WORKSHOPS

1. Chief Organiser “*Seminar on World Food Day 2024*”, 16 October 2024, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
2. Chief Organiser “*Seminar on Water for Peace: World Water Day 2024*”, 22 March 2024, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
3. Chief organiser “*Seminar on Why Children are suffering from Malnutrition in Pakistan*”, 20 March 2024, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
4. Chief Organizer “*Activity with Clean Green Champions for “Waste Awareness & Collection Drive Lead by PepsiCo Int’l”*”, 17 November 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
5. Chief Organizer “*Awareness Seminar on World Food Day: Impact of Climate Change on Food Security*”, 16 October 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
6. Chief Organizer “*National seminar on Food Business entrepreneurship and Product Development Competition*”, 01 September 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
7. Organizer “*Meeting of Focal Persons (Director QEC or his Nominee) from each University/HEI’s related to Agriculture and Allied Sciences in Lahore organized by National Agriculture Education Accreditation Council (NAEAC)*” 06 June 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
8. Chief Organizer “*Awareness Session on Health Hazards of Sugar-Sweetened Beverages by Pakistan National Heart Association (PANAHA)*”, 27 March 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
9. Chief Organizer “*National Seminar on World Water Day*”, 22 March 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
10. Organizer “*One day Training on Food Packaging and Food Product Labelling*” 07 March 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
11. Organizer “*One day Training Food Safety and Industrial HACCP Implementation*” 09 February 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
12. Organizer “*One day Training on Industrial and Professional Skill Development Training through Assessment*” 24 January 2023, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
13. Organizer/Focal Person “*17th National Weed Science Conference*”, 27-28 October 2022, at Faculty of Agricultural Sciences, University of the Punjab, Lahore, Pakistan
14. Chief Organizer “*National Seminar on World Food Day 2022*”, 14 October 2022, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
15. Chief Organizer “*National seminar on Food Safety: Our National Responsibility*”, 07 September 2022, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
16. Chief Organizer “*National Seminar on World Food Safety Day 2022*”, 07 June 2022, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
17. Chief Organizer International Seminar on “*Sustainable Supply Chain Development Program for Pakistan SME’s Sector*”, 17 November 2021, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
18. Chief Organizer “*Food Product Development Competition*”, 16 October 2021, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan

19. Chief Organizer “**World Food Day Seminar**”, 16 October 2021, at Department of Food Sciences, University of the Punjab, Lahore, Pakistan
20. Organized an Online Training on “**Food Safety and Dietary Guidelines in the wake of Corona Pandemic**”, 16 April 2020, Live from University of the Punjab, Lahore.
21. Chief Organizer Awareness walk on “**World Food Day 2019**”, October 16, 2019 at Univeristy of the Punjab Lahore.
22. Collaborator for the organisation of Punjab Food Authority Seminar entitled “**Milawat sey Paak, Naya Pakistan**”, 14 August 2019, at University of the Punjab.
23. Member Organizing Committee “**1st Pakistan Food & Pharma International Summit & Pakistan Healthcare Expo-2019**”, 10-11 July 2019, Pak-China Expo Centre, Islamabad, Pakistan.
24. Organized a session entitled “**Food packaging and labelling standards**” in 8th Invention to innovation summit, 2-3 April 2019, held at University of the Punjab, Lahore, Pakistan
25. Principal Organiser “**National Symposium on Pakistan Halal Industry; A Gateway to Success**”, 15 september 2018 at University of the Punjab Lahore
26. Chief Organiser of Seminar on “**Current Trends in Halal Food Safety Assurance Issues and Challenges**” 26 April 2018 at University of the Punjab, Lahore.
27. Chief Organizer of “**World Food Day Celebrations**”, 31st October 2017 at University of the Punjab, Lahore.
28. Chief organizer of the Seminar on “**Global Halal Industry: Opportunities and Challenges**”, 29th March 2017, at University of the Punjab, Lahore.
29. Member organizing committee for “**Floriculture Workshop 2017**”, 21st March 2017, at University of the Punjab, Lahore.
30. Session Organizer in “**6th Invention to Innovation Summit 2017**”, 8-9th March 2017, at University of the Punjab, Lahore.
31. Organized a workshop on “**Total Quality Management (TQM)**”, 23 January 2016, at University of the Punjab, Lahore.
32. Organized a session on “**Innovative Food Processing Technologies in 5th Invention to Innovation Summit 2016**”, 2-3 March 2016, at University of the Punjab, Lahore.
33. Organized an “**Awareness Seminar on Food Safety and Hygiene**”, 13 November 2014, in collaboration with Punjab Food Authority at Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.
34. Organized a session on “**Rice Technologies in Invention to Innovation Summit 2013**”, 9-10 April 2013, in University of the Punjab, Lahore.
35. Organized a “**National UIP-Seminar on Developing Local Food Additives**”, 22 November 2012, in University of the Punjab.

OUTREACH ACTIVITIES

1. AgriToday | Saeed Mughal | 13 DEC 2024 | TV Today News;
<https://youtu.be/RlosiLB6GQE?si=06XO23fjO8I7bK27>
https://www.facebook.com/watch/live/?ref=watch_permalink&v=1115895353501385&rdid=tvH4589eogo2xCvM
2. Zarat Say Khurak Tak | Saeed Mughal | 16 JAN 2022 | PNN News;
<https://www.youtube.com/watch?v=LtUtVYKQkNE>
3. Zarat Say Khurak Tak | Saeed Mughal | 02 JAN 2022 | PNN News;
<https://www.youtube.com/watch?v=gSpxDkGSzqY>

4. How to Grow Wheat | Best Wheat Technology | Zarat Say Khurak Tak | Saeed Mughal | 21 Nov 2021 | PNN; <https://www.youtube.com/watch?v=nGiAsimgm3k>
5. Zarat Say Khurak Tak | | | 20 Nov 2021 | PNN News; <https://www.youtube.com/watch?v=U4VObjJCuas>
6. <https://www.facebook.com/NAFSFood/videos/554798161856807> (June 23, 2020)
7. https://www.facebook.com/hashtag/nafs_ramadan?source=feed_text&epa=HASHTAG&_tn=*NKH-R (April 24, 2020)
8. <https://www.facebook.com/photo.php?v=10152139417941561&set=vb.590386560&type=2&theater>
9. <https://www.facebook.com/photo.php?v=10150934151296561&set=vb.590386560&type=3&theater>
10. <http://www.suchtv.pk/program/agri-talk/item/12291-agri-talk-02-07-2014.html> (July 07, 2014)
11. <http://www.suchtv.pk/program/agri-talk/item/10693-agri-talk-16-04-2014.html> (April 16, 2014)

TRAININGS

1. Training Session on “**PS:3733 (R) OIC/SMIIC 1:2019, Second Edition, Gneral Requirements for Halal Foods**”, 15 November 2023, organized by HalalPro, Pakistan.
2. Training Program on “**Entrepreneurial Coaching**”, 8-9 November 2023, organized through TAKE-UP project by COMSATS University Lahore & Lahore University of Management Sciences (LUMS), Lahore, Pakistan.
3. Course completed and qualified “**BRC-Global Standard For Food Safety Issue 9: Lead Auditor**”, 12-17 February 2023, organized by Business Excellence & Management Consortium (BEMCON) at Global Standard Services (GSS) Training Centre, Lahore, Pakistan.
4. Fellow of “**39th Palm Oil Familiarisation Programme (POFP 2019)**”, 22-28 September 2019, organized by Malaysian Palm Oil Board (MPOB) at The Le-Meridien Hotel, Putrajaya, Malaysia.
5. Training on “**Halal Lead Implementer Course PS:3733-2016**”, 12-13 July 2019 by Fahm-ul-Halal, held at TTI Labs Lahore, Pakistan.
6. Training on “**Testing Requirements & Pre-requisites from Halal Perspectives**”, 18 August 2018 at TTI Labs Lahore, Pakistan.
7. Successful completion of course assessment and examination for the course “**Good Manufacturing Practices (GMPs)**”, 18-19 February 2016 organized by Bureau Veritas through Trade Related Technical Assistance (TRTA-II) program by UNIDO at Lahore, Pakistan
8. Successful completion of course assessment and examination for the course “**Global G.A.P.**”, 14-16 March 2016 organized by Bureau Veritas through Trade Related Technical Assistance (TRTA-II) program by UNIDO at Lahore, Pakistan.
9. Training, course completion and Certified for “**CIEH Level-2 Award in Food Safety for Manufacturing**” by Chartered Institute of Environmental Health, 24-27 April 2015, held at UVAS, Lahore
10. Three days e-learning training on “**Food Safety and Traceability**”, 11-13 December 2012, organized by Asian Productivity Organization (APO) Japan, at University of Agriculture Faisalabad, Pakistan.

11. Training/technical Session on “***Techniques for Writing and Presenting a Scientific Paper***” conducted by Michael Grossman (University of Illinois, USA), 29-30 May 2006, held at Nanjing Agricultural University, China.
12. Training course on “***Integrated Pest Management (IPM) in Food Industries***”, (September 10-11, 2004) organized by Food Vision Pakistan at K&Ns Foods (Pvt.) Ltd., Pakistan.
13. Training on “***Use of Generative Artificial Intelligence in Higher Education***”, 18 January 2024, organized by Punjab Higher Education Commission (PHEC), Pakistan
14. Training of Trainers on “***Research Methodologies in Nutrition Research***”, 8-11 October 2019, organized by Scaling Up Nutrition Academia & Research (SUN-AR) Network at University of Lahore, Pakistan.
15. Three days training workshop on “***Research Methodologies and Scientific Writing Skills***”, 28-30 August 2017, organized by Scaling Up Nutrition Academia & Research (SUN-AR) Network at University of Veterinary & Animal Sciences, Pakistan.
16. Fellow of 43rd Postgraduate Training Course on “***Nuclear and other Advanced Techniques in Agricultural and Biological Research***”, 02-13 Nov 2015 held at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Pakistan.
17. Fellow of 2014 Food Biotechnology International Training Course for Developing Countries “***Unravelling the Complexity of Mixed Cultures in Food Fermentations***”, 15-19 November 2014, organized by CAS-TWAS CoEBio at Luzhou Laojiao Group Co. Ltd., Luzhou-Sichuan, China.
18. Fellow of 2013 Food Biotechnology International Training Course for Developing Countries “***Classical Biotechnology (Fermentation) and Genomics for New and Improved Food Products***”, 28 Nov - 04 Dec 2013 organized by CAS-TWAS CoEBio at Institute of Microbiology, Chinese Academy of Sciences, Beijing, China.
19. Five days Training workshop on “***Isolation and Molecular Characterization of Shiga Toxin Producing E. coli O:157***”, 1-5 March 2011 held at University of Veterinary & Animal Sciences, Pakistan.
20. One day Training on “***Managing Plagiarism in Academic Research-Hands on Training Using Turnitin Software***” 04 March 2011 held at University of Lahore, Pakistan.
21. Training course on “***Protocols for Basic Molecular Manipulation Techniques***”, 24-27 June 2006) held at College of Life Sciences, Nanjing Agricultural University, China.
22. Training workshop for new Program Evaluator/Subject Experts for the Accreditations of Agriculture Degree Programs, 14 February 2024, organized by NAEAC-HEC, at University of the Punjab, Lahore, Pakistan
23. Faculty-Wise Training Workshop on “***How to Prepare Self-Assessment Report (SAR)***”, 03 April 2023, organized by Quality Enhancement Cell (QEC), University of the Punjab, Lahore, Pakistan
24. Training course on “***Peace Narrative***”, (February 04, 2020) organized by Centre for Health and Gender Equality (CHANGE) at University of the Punjab, Lahore, Pakistan.
25. Three days training of the trainers on “***Humanity, Altruism & Citizenship in Pakistan***”, 23-25 August 2017, organized by Ministry of Human Rights at University of the Punjab, Lahore, Pakistan.
26. Three days training on “***Project Preparation / PC I / PC II / Appraisal and Approval***”, 03-05 July 2013, organized by Pakistan Planning and Management Institute, Islamabad, Pakistan.
27. Fellow of “***20th Master Trainer - Faculty Professional Development Program (MT-FPDP)***”, (07 January – 02 March 2013, organized by Higher Education Commission (HEC), Islamabad, Pakistan.
28. Four days “***Faculty Orientation Training Program 2012***”, 03-06 July 2012, held at Institute of Administrative Sciences, University of the Punjab, Lahore, Pakistan

29. Training course on “*Website development (E. Commerce)*” 21 January to 21 May 2002 from Fauji Institute of Information Technology, Faisalabad, Pakistan.
30. Training course on “ *Use of Micro Soft Office Software (Office Automation)*” 12 November 2001 to 20 January 2002, from Fauji Institute of Information Technology, Faisalabad, Pakistan.

SERVICES

Professional Services

- Member Scientific Panel Punjab Food Authority
- Member Accreditation Inspection Committee (AIC), National Agriculture Education Accreditation Council (NAEAC) of Higher Education Commission (HEC) Pakistan for the degree programs in Food Sciences
- Member Qualification Development Committee (QDC) for development of Occupational Profiling and Competency Standards for Food Preservation Technology by National Vocational and Technical Training Commission (NVTCC)
- Focal Person from University of the Punjab Lahore for Scaling-Up Nutrition Academia & Research (SUN-AR), Planning Commission of Pakistan
- Member Board of Faculty (BoF) of Agricultural Sciences, University of the Punjab, Lahore
- Member Board of Faculty (BoF) of Applied Sciences, Minhaj University Lahore
- Member Board of Faculty (BoF) of Sciences, Qarshi University, Lahore
- Member Board of Advanced Studies and Research (BASR), Grand Asian University, Sialkot
- Member DTRC, Department of Food Science & Technology, MNS University of Agriculture, Multan
- Member DTRC, Department of Plant Breeding & Genetics, University of the Punjab, Lahore
- Member Relevance Assessment Committee, Minhaj University Lahore
- Member Relevance Assessment Committee, University of Central Punjab, Lahore
- Member BoS Department of Food Science & Technology, UCP Lahore
- Member BoS, Department of Clinical Nutrition at Nur International University, Lahore
- Member BoS, Department of Food Safety & Quality Management, BZ University Multan
- Member BoS, Department of Human Nutrition & Food Technology, Superior University, Lahore
- Served as Member BoS Department of Food Science and Human Nutrition, UVAS Lahore
- Served as Member BoS, Department of Food Science & Technology, Khawaja Fareed University of Engineering and Information Technology, Rahim Yar Khan
- Served as Member BoS Department of Food Science & Technology, Minhaj University Lahore (MUL)
- Member DTRC, Department of Human Nutrition & Health Promotion, University of Home Economics, Lahore
- Member DTRC, Department of Food Science & Technology, MNS Uni. of Agri. Multan
- Served as Member DTRC, Department of Dairy Technology at UVAS, Lahore
- Served as Member DTRC, Institute of Food Science & Nutrition, BZ University , Multan.
- Served as Member National Curriculum Revision Committee (NCRC) on Food Science and Technology (2013-2016), Higher Education Commission (HEC), Pakistan
- Served as Member Selection Board of BZ University Multan and University of Narowal
- Served as Advisor in Punjab Public Service Commission (PPSC) for recruitment of various posts in Punjab Food Department
- Served as Recruitment Panel member for various posts in Punjab Food Authority (PFA)

- Served as Curriculum reviewer for Food Safety Training Level-2 course in Punjab Food Authority
- Served as Expert for the shortlisting of candidates for the posts of Assistant Professor in UVAS
- Served as external examiner for M.Phil. & PhD Viva Voce exams in different Universities
- Served as Reviewer of the research papers for different Peer reviewed Int'l Journals

Administrative Services

- **Chairman**, Department of Food Sciences, University of the Punjab, Lahore
- **Superintendent**, Boys Hostel No. 1, Quid-e-Azam Hall, University of the Punjab, Lahore
- **Secretary**, Management Committee, The University Club, University of the Punjab, Lahore
- **Secretary Coordination**, Session 2020-till date, Central Executive Council, Pakistan Society of Food Scientists & Technologists (PSFS) Pakistan
- **Joint Secretary**, Session 2024-25, Pakistan Agricultural Scientists (PAS) Forum

HONOURS AND AWARDS

- Awarded by **“Performance Based TTS Increment”** for the year 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022 & 2023
- Awarded by **“International Travel Grants”** in year 2013, 2014, 2015 by HEC/University to present the research work in International Conferences
- Awarded by Full Sponsorship through Malaysian Technical Cooperation Program (MTCP) to attend **“39th Palm Oil Familiarisation Programme (POFP 2019)”**, 22-28 September 2019, held at Putrajaya, Malaysia
- Selected as **“Mevlana Instructor (visiting faculty)”** through Mevlana Exchange Program Turkey, and served in the Department of Nutrition and Dietetics, Marmara University Istanbul, Turkey in year 2016
- Awarded by partially funded travel grant to attend **“2014 Food Biotechnology International Training Course for Developing Countries”** organized by CAS-TWAS CoEBio at Luzhou Laojiao Group Co. Ltd., Luzhou-Sichuan, China.
- Awarded by fully funded travel grant to participate in **“2013 Food Biotechnology International Training Course for Developing Countries”** organized by CAS-TWAS CoEBio at Institute of Microbiology, Chinese Academy of Sciences, Beijing, China
- Ambassador of **“Global Harmonization Initiative (GHI)”** in Pakistan from year 2013-2018
- Elected **“Secretary”**, Pakistan Society of Food Scientist and Technologists (PSFST)–Lahore Chapter, Session 2018-2020)
- Elected **“Secretary Press & Public Relations”**, Pakistan Society of Food Scientist and Technologists (PSFST)–Lahore Chapter, Session 2012-2014, 2014-16 and 2016-18
- Declared as **“Best International Student”** at Nanjing Agricultural University, China during academic session 2007-2008.
- Awarded by **“Overseas scholarship for PhD”** studies in China in year 2005 by Higher Education Commission (HEC) of Pakistan.

AFFILIATION/ MEMBERSHIPS

1. **Life Member**, Pakistan Society of Food Scientist and Technologists (PSFST)
2. **Life Member**, Nutritionist Association of Pakistan
3. **Life Member**, Pakistan Agricultural Scientists (PAS) Forum
4. **Global Outreach Member**, American Society of Microbiology
5. **Member**, Global Harmonization Initiative (GHI)

6. **Member**, Institute of Research Promotion (IRP) Pakistan
7. **Member**, National Alliance for Safe Food (NAFS) Pakistan
8. **Member**, National Academy of Young Scientists, Pakistan
9. **Member**, ISEKI-Food Association (IFA)

LANGUAGES

- **English:** As a medium of instructions throughout the educational career including PhD studentship in China.
- **Chinese:** Successfully completed the **Basic Chinese Language Learning** course from Tianjin Normal University, China

REFEREES

- **Prof. Dr. Tahir Zahoor**
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- **Prof. Dr. Asif Ahmad**
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PMAS-Arid Agriculture University, Rawalpindi, Pakistan.
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