

# CURRICULUM VITAE

## PERSONAL DETAILS

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**Name** Dr. Maliha Sarfraz

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## ACADEMIC QUALIFICATION

(Qualification), (Institution), (Grade), (Majors).

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Ph.D. UNIVERSITY OF AGRICULTURE FAISALABAD, 1<sup>st</sup>, (Physiology, Zoology)

M.Phil. QUAID-I-AZAM UNIVERSITY ISLAMABAD, 1<sup>st</sup>, (Zoology)

M.Sc. UNIVERSITY OF THE PUNJAB LAHORE, 1<sup>st</sup>, (Zoology)

M.Ed. UNIVERSITY OF SARGODHA, 1<sup>st</sup>, (Science)

B.Ed. ALLAMA IQBAL OPEN UNIVERSITY ISLAMABAD, 1<sup>st</sup>, (Science)

B.Sc. BAHAUDDIN ZAKARIYA UNIVERSITY MULTAN, 1<sup>st</sup>, (Science)

F.Sc. BISE BAHAWALPUR, 1<sup>st</sup>, (Science)

Matric, BISE MULTAN, 1<sup>st</sup>, (Science)

## AREAS OF EXPERTISE

(Area).

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Endocrine disruptor

Toxicology

Aquaculture

Molecular Biology

Metabolic disorder

## SELECTED AWARDS AND HONOURS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

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1. HEC approved supervisor, Higher Education Commission, 2021, National
  2. Startup Research Grant Program, NAHE (Higher Education Commission), 2021, National
  3. National Faculty Development Program, NAHE (Higher Education Commission), 2020, National
  4. Teaching assistantship, University of Agriculture Faisalabad, 2015, National
  5. Innovation project, University of Agriculture Faisalabad, 2013, National
  6. Laptop, University of Agriculture Faisalabad, 2013, National
  7. Ph.D. Fellowship, University of Agriculture Faisalabad, 2012, National
  8. Merit Scholarship, Quaid-I-Azam University Islamabad, 2008, National

9. Diploma in office management, Horizon institute of information technology, 2009, National
10. Governor Punjab Scholarship, The University of Punjab, 2005, National
11. Merit Scholarship, The University of Punjab, 2005, National
12. Merit Scholarship, Bahauddin Zakariya University, 2004, National
13. 2<sup>nd</sup> Position Award, Government College Sahiwal, 2004, National

## **MEMBERSHIPS**

**(Organization), (Role), (Year), (Level)**

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1. International Parkinson and Movement disorder Society, Lifetime, Membership Id (99094), 2021, International
  2. American Society of Microbiology, Lifetime, Membership Id (200263189), 2021, International
  3. Primary Care Diabetes Society, Lifetime, 2021, International
  4. NAYAS; National Academy of Young Scientists Pakistan, Lifetime, 2015, National
  5. ISID; International Society for Infectious Diseases, Lifetime, 2017, International
  6. IAPHLR; International Association for Promotion of Healthcare and Life-Science Research, Lifetime, membership ID (IAPHLR-M17167), 2017, International

## **CONFERENCES/WORKSHOPS**

**(Title), (Organizer), (Date), (Level)**

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1. Capacity building workshop on OBE and blended learning. University of agriculture Faisalabad. 21<sup>st</sup> June 2023.
  2. International conference on emerging trends and technologies in microbiology and molecular genetics for sustainable development. The women university Multan, 16-17<sup>th</sup> March 2023.
  3. International Poultry expo 2022. Lahore expo center. 15-17<sup>th</sup> September 2022.
  4. 3rd International Orthopaedic Postgraduate symposium (IOPS). Faculty of Medicine, University of Malaya. Malaysia. 28<sup>th</sup> May 2022.
  5. International seminar on biological diversity. The women university Multan, Pakistan. 22 May, 2022.
  6. A seminar on VAW on eve of 16-days of activism 2022. The women university Multan. 2022
  7. Induction training workshop for newly appointed faculty. University of Agriculture Faisalabad. 15-17 March, 2022.
  8. 19<sup>th</sup> Annual World congress Insulin resistance diabetes & Cardiovascular disease, Association of TCF7L2 Gene Polymorphisms with T2DM in the Population of Pakistan December 2-4, 2021, Live-Interactive-Online, International
  9. Publish your own book, Research circle, 26<sup>th</sup> November, 2021, International
  10. Open Science: A multifaceted framework to improve science and health outcomes. Indian Council of Medical Research, India, October 29<sup>th</sup>, 2021, International
  11. International seminar on Host pathogen interactions. The Islamia University of Bahawalpur, Pakistan, 15<sup>th</sup> July, 2021, National
  12. Impact of Covid-19 Pandemic on Education and Tourism in Gilgit Baltistan. American Society of Microbiology, 30<sup>th</sup> June 2021, International
  13. Global Trends in combating Environmental and Agricultural Issues, University of Okara, 5<sup>th</sup> June, 2021, National
  14. Pandemic Preparedness, One Health: Lessons Learnt, AASSA-PAS Webinar Series 2021, 4<sup>th</sup> May, 2021, National

15. Update on COVID-19 Pandemic: Importance of Training and Biorisk Management, American Society of Microbiology, 16<sup>th</sup> June 2021, International
16. The 2021 Virtual Asian and Oceanian Parkinson's Disease and Movement Disorders Congress, International Parkinson and Movement Disorder Society, June 4-6<sup>th</sup> 2021. International
17. Corona virus vaccination in Pakistan: Myths and realities, American Society of Microbiology, 7<sup>th</sup> June 2021, International
18. Covid-19 Pandemic and role of Microbiologist, American Society of Microbiology, 26<sup>th</sup> May 2021, International
19. Covid-19 Pandemic and role of Microbiologist, American Society of Microbiology, 19<sup>th</sup> May 2021, International
20. Fundamentals of Project Management, Higher education commission, NAHE, Oxon Global, March 27-3April,2021, National
21. Covid-19 Pandemic and role of Microbiologist, American Society of Microbiology, 1st March 2021, International
22. Covid-19 Pandemic and role of Microbiologist, American Society of Microbiology, 24<sup>th</sup> March 2021, International
23. Elsevier-HEC workshop on journal indexing in Scopus, Higher education commission of Pakistan, January 21, 2021, National.
24. Make your research life easier with Mendeley tool, Pakistan Scientific & Technological Information Centre, Islamabad, December 23<sup>rd</sup> , 2020, National
25. Two-day international training workshop on scientific paper and patent writing, Islamic world educational, scientific, and cultural organization ICESCO, Morocco, December 14-15, 2020, International
26. 18<sup>th</sup> Annual World congress Insulin resistance diabetes & Cardiovascular disease, December 3-6, 2020, Live-Interactive-Online, International
27. The Virtual congress on Innovations in Gastrointestinal Cancers, December 3, 2020, International
28. 1<sup>st</sup> International symposium on Current trends and future perspectives in Botanical research, November 10, 2020, National
29. One-day International Online Symposium on Recent Research Trends in Chemistry, September 10, 2020, National
30. Faculty development program one month training, HEC, NAHE, September14-14October, 2020, National
31. The 6<sup>th</sup> International Conference on Biomedicine and Pharmaceuticals, International Association of Management Science and Engineering Technology Zhuhai College of Jilin University, 18-20 May, 2018, International.
32. International World Congress on Medical and Pharmaceutical Research at Beijing Three Kingdoms Hotel Beijing, China, 2017, International
33. International workshop on Strategies to develop nutrition-related multidisciplinary projects, National Institute of food science and technology, UAF & Faculty of health and social care, University of Chester, UK, 2016, National.
34. Pre-Conference National seminar on Leading Persuasion in Metabolic Disorders, Institute of Pharmacy, Physiology and Pharmacology, UAF, 2016, National
35. International conference on "Biochemistry for better food, health and environment in the developing World (ICBBB-2016), Department of Biochemistry, UAF, 2016, National
36. "Workshop for applied Physiology and Pharmacological Techniques for young Scientists", Institute of

- Pharmacy, Physiology and Pharmacology, UAF, 2016, National
37. International Conference on “Clean water, air and soil”, Kuala Lumpur, Malaysia, 2015, International
  38. Conference on “Curricular reforms: Patient-centered curriculum”, Punjab medical college Faisalabad, 2015, National
  39. Biosafety training workshop for a young scientist, University of Agriculture Faisalabad, 2015, National
  40. Training at central Hi-tech laboratory, University of Agriculture Faisalabad, 2014, National
  41. International symposium on technological & nutritional aspects of value-added dairy products, University of Agriculture Faisalabad, 2014, National
  42. An online lecture on “The Thrilling World of Discovery”, International center for chemical and biological Science University of Karachi and National Academy of Young Scientist, 2014, National
  43. Computer skills training, The University of Punjab, 2009, National

## **TEACHING EXPERIENCE**

**(Role), (Institute), (Duration)**

Assistant Professor, University of Agriculture Faisalabad Sub campus Toba Tek Singh, 2022-Continue  
 Assistant Professor (IPFP fellow), The Women University Multan, November,2020-Feb,2022  
 Teaching assistant, University of Agriculture Faisalabad, 6 months  
 Lecturer, Unique college Chichawatni, 4years

## **EVENT ORGANIZER/PRESENTATIONS**

**(Title), (Event), (Date Presented), (Organizer), (Level)**

### **Event Organizer**

1. Organizing Member, one day workshop on “Citrus grower; Tackling Childhood Malnutrition Together”, 2024, UAF Sub Campus Toba Tek Singh
2. Focal person, one-day workshop on Report writing, 2024, UAF, T.T.S
3. Organizing member, one-day workshop in Department of business management, 2024, UAF, T.T.S
4. Organizing member, Annual function of Department of business management, 2024, UAF, T.T.S
5. Resource person, one day seminar at Department of math and statistics, 2024, UAF, T.T.S
6. Organizing member, one day conference at Department of Biochemistry, 2024, UAF, T.T.S
7. Organizing member, one day seminar at Department of Botany, 2024, UAF, T.T.S
8. Organizing member, one day seminar at Department of Physics, 2024, UAF, T.T.S
9. Organize a Showcasing event, at department of English, 2024, UAF, T.T.S
10. Organizing member, a Civic engagement event, Department of IT, 2024, UAF, T.T.S
11. Organizing member, Annual function, 2024, UAF, T.T.S
12. Organizing member, a webinar entitled: functional food and nutraceuticals, 2024, UAF, T.T.S
13. Committee member, Out-based education and blended learning system, 2024, UAF, T.T.S
14. Convener, Zoological technical report, 2024, UAF, T.T.S
15. Co-organizer, Spring festival 5th to 7th March, 2024, UAF, T.T.S
16. Organizing member, fancy bird show , 2024, UAF, T.T.S
17. Co-organizer, “nutritional assessment awareness clinic” ,2024, UAF, T.T.S
18. Organizing member, Event of “Therapeutic product development”, 2024, UAF, T.T.S
19. Convener, Animal pet show, 2024, UAF, T.T.S
20. Organizing member, webinar entitled “social media” , 2024, UAF, T.T.S

21. Organizing member, webinar entitled “technical insight and its application”, 2024, UAF, T.T.S
22. Organizing member, one-day Seminar “Professional career development for chemist”, 2024, UAF, T.T.S
23. Organizing member, one-day Workshop on “computational workshop”, 2024, UAF, T.T.S
24. Organizing member, Annual get together of CS department, 2024, UAF, T.T.S
25. Organizing member, Seminar “management and skill development”, 2024, UAF, T.T.S
26. Organizing member, 77th Independence Day event, 2024, UAF, T.T.S
27. Coordinator of degree, Organize study tour of campus, 2024, UAF, T.T.S
28. Organizing member, international webinar “Unlocking opportunities: Navigating the path to foreign scholarships for students”, 2024, UAF, T.T.S
29. Organizing member, two-day Workshop Effective Research Communication, 2024, UAF, T.T.S
30. Organizing member, Celebration of “Ashra Rahmatul-lil-Alameen”, 2024, UAF, T.T.S
31. Organize, World egg day, 2024, UAF, T.T.S
32. Convener, World food day walk, 2024, UAF, T.T.S
33. Organizer, One day seminar “awareness of breast cancer”, 2024, UAF, T.T.S
34. Convener, one-day training workshop on statistical tools for decision making, 2024, UAF, T.T.S
35. Organizer, webinar “women in fisheries; Breaking barrier and building opportunities”, 2024, UAF, T.T.S
36. Organizer, International webinar “Fisheries and food security meeting a global demand”, 2024, UAF, T.T.S
37. Organizer, Outreach activity, Bhagat game reserve Rajana, 2024, UAF, T.T.S
38. Co-Organizer, Sports gala, 2024, UAF, T.T.S
39. Focal Person, Seminar on “empowering women”, 2024, UAF, T.T.S
40. Certificate of Oral presentation, The applied zoological society of Pakistan, 17-18 October, 2022.
41. Certificate of Participation, Interactive session with dairy farmers for improved dairy products, 25 august, 2022
42. Certificate of Participation in seminar. 16 days of activism 2022, The women university Multan.
43. Certificate of Participation, International Poultry Expo, 15-17 September 2022
44. Certificate of Participation, 5th all Pakistan Nutritionist convention-2023, 27 November, 2023
45. Certificate of Training, The Prime Minister national program CPR training, 14 September 2024
46. Certificate of Focal person on World Fisheries day webinar, 2024
47. Certificate of Organizer, Annual dinner Evening degree program, 2024
48. Certificate of appreciation, Jashan-e-baharan, 8-10 March 2024
49. Certificate of organizer, Mehfil e mushaira, 2023
50. Certificate of participation, 2 day workshop Latest data analysis tools for the students of Mathematics and statistics. 2024
51. Certificate of organizer 2 day symposium aquaculture and wildlife conservation, 2023
52. Certificate of appreciation, seminar on trends in e-commerce, 2023
53. Certificate of appreciation, good work in the subcampus, 2023
54. Certificate of organizer, Fancy bird show, 2023
55. Organizer, Spring Festival, 2023, UAF Sub Campus Toba Tek Singh
56. Organizer, Two days National Symposium on Aquaculture and Wildlife Conservation, 2023, UAF Sub Campus Toba Tek Singh
57. Organizer, Two days symposium on Opportunities and potentials of Green Chemistry and Nanotechnology, 2023, UAF Sub Campus Toba Tek Singh

58. Organizing Member, Art and Literary Competition Event, 2023, UAF Sub Campus Toba Tek Singh
59. Organizing Member, Motivational Lecture on “Hunting of Educational Stipend”, 2023, UAF Sub Campus Toba Tek Singh
60. Organizing Member, one day seminar on Holy month of “Rabi-ul-Awal”, 2023, UAF Sub Campus Toba Tek Singh
61. Focal Person, Certificate Distribution Ceremony, 2023, UAF Sub Campus Toba Tek Singh
62. Organizing Member, Poultry EXPO IPEX, 2023, UAF Sub Campus Toba Tek Singh
63. Organizing Member, one day Pet Show Case, 2023, UAF Sub Campus Toba Tek Singh
64. Organizing Member, One day seminar on Case Study “Use of Antibiotics Poultry”, 2023, UAF Sub Campus Toba Tek Singh
65. Organizing Secretary, Case Study “Use of Commercial Layer Egg”, 2023, UAF Sub Campus Toba Tek Singh
66. Organizing Member, one day Donation Blood Camp, 2023, UAF Sub Campus Toba Tek Singh
67. Organizing Member, Fancy Birds Exhibition, 2023, UAF Sub Campus Toba Tek Singh
68. Organizing Member, Wheat Campaign Walk, 2023, UAF Sub Campus Toba Tek Singh
69. Organizing Member, Motivational Egg Day Walk, 2023, UAF Sub Campus Toba Tek Singh
70. Organizing Member, Seminar on “Unveiling the Health Benefits and Myths”, 2023, UAF Sub Campus Toba Tek Singh
71. Organizing Member, Orientation Programme, 2023, UAF Sub Campus Toba Tek Singh
72. Organizing Member, Defense Day Celebration, 2023, UAF Sub Campus Toba Tek Singh
73. Organizing Member, Internship Training programme, 2023, UAF Sub Campus Toba Tek Singh
74. Organizing Member, Symposium on “Exploring Emerging Poultry Issues and Research”, 2023, UAF Sub Campus Toba Tek Singh
75. Convener of Awareness walk, World Egg Day, 2023, UAF Sub Campus Toba Tek Singh
76. Organizing Member, World Food Day (Therapeutic diet exhibition and competition), 2023, UAF Sub Campus Toba Tek Singh
77. Organizing Member, Seminar on “Empowering Future; Tackling Childhood Malnutrition Together”, 2023, UAF Sub Campus Toba Tek Singh
78. Organizing Member, Seminar on “Significance of Human Nutrition and Dietetics and Role of Dietitian in Community Services”, 2023, UAF Sub Campus Toba Tek Singh
79. Organizing Member, Breast Cancer Awareness Seminar, 2023, UAF Sub Campus Toba Tek Singh
80. Organizing Member, Awareness walk, Water is life, water is food. Leave no one behind, 2023, UAF Sub Campus Toba Tek Singh
81. Organizing Member, Traffic Rule Awareness, 2023, UAF Sub Campus Toba Tek Singh
82. A series of seminar on the theme of green chemistry. University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 21<sup>st</sup> December 2022
83. A one-day awareness seminar on Hypertension and dietary modification. University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 21<sup>st</sup> December 2022
84. An awareness seminar on the importance of animal rights and their welfare. University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 20<sup>th</sup> December 2022
85. A seminar on awareness regarding food safety and food quality. University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 2<sup>nd</sup> December 2022
86. An awareness walk on world food day. University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 16<sup>th</sup> October 2022
87. An awareness seminar on world egg day. University of Agriculture Faisalabad, Sub Campus Toba Tek

Singh, 14<sup>th</sup> October 2022

88. One day workshop on interactive session with dairy farmers for improved dairy practices, University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 25<sup>th</sup> August 2022.
89. 75<sup>th</sup> Diamond jubilee of Pakistan Independence Day, University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 14<sup>th</sup> August 2022.
90. Fancy bird show, Jashn-e-Baharan, District council Toba Tek Singh, University of Agriculture Faisalabad. 14-15 March, 2022.
91. Annual supports gala, University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 17-22 March, 2022.
92. Nutrition Month celebration. University of Agriculture Faisalabad, Sub Campus Toba Tek Singh, 30 March, 2022.
93. World Cancer Day an online webinar, Department of Zoology, The Women University Multan, 4<sup>th</sup> February 2021, National
94. Theme: “Workshop for applied Physiology and Pharmacological Techniques for young Scientists”, Institute of Pharmacy, Physiology and Pharmacology, UAF, 12 - 13 Feb 2016, National

#### Oral

1. 1. Associations of combined genetic and adherence to a healthy lifestyle risk with incident type 2 diabetes. 3rd online conference on Diabetes & Endocrinology, 25-26 April, 2022.
2. Type 2 Diabetes and the Role of Genes and Non-Genetic Factors, Fourth International conference on Biosciences (ICBS-2021), 15 June, Biological Society of Pakistan in collaboration with Quaid-i-Azam University Islamabad, National
3. Current trends for the utilization of *Phoenix dactylifera*, *Piper nigrum* and *Curcuma longa* in type 2 diabetes, International conference on clean air, water and soil, Malaysia, 25 Aug 2015 to 28 Aug 2015, International

#### Poster

1. Efficacy of the co-administration of *Piper nigrum* and partially purified product from *Abroma augusta* in metabolic syndrome. 18<sup>th</sup> Annual World congress Insulin resistance diabetes & Cardiovascular disease, December 3-6, 2020, Live-Interactive-Online, International
2. Evaluation of phytochemicals and various biological activities of different extracts of selected ethnomedicinal plant species from Punjab, Pakistan, National Conference on Bioactivity of Phytochemicals, IMBB and CRiMM at The University of Lahore, 4-6 October, National
3. Phytochemical analysis and biological evaluation of Cucumis melo var. Agrestis and Aerva Javanica (burm. F.) Juss exj. A. schultes, National Conference on Bioactivity of Phytochemicals, IMBB and CRiMM at The University of Lahore, 4-6 October, National
4. The utilization of Curcuma longa and Piper Nigrum as antihyperglycemic and antihyperlipidemic, AEME conference at Punjab Medical College Faisalabad, 15 Nov 2015, National

## PUBLICATIONS

#### Book

1. **Maliha Sarfraz**, Hayat Ullah (2024). Understanding the Risks, Mitigation, and Safety Measures Involved in Food Contamination. Cambridge Scholars Publishing. ISBN:9781036408305, 1036408302. Pp. 371

#### Book Chapters

1. **Maliha Sarfraz**, Hayat Ullah. Molecular Basis of Cancer. Fundamentals of cellular and molecular biology, (2024), Bentham Science Publisher. ISBN: 978-981-5238-03-7 (Online) Pp. 143-155 (13). DOI:10.2174/97898152380371240101
2. **Maliha Sarfraz**, Sanaullah Sajid, Hayat Ullah. Molecular basis of the human immunodeficiency virus. Fundamentals of cellular and molecular biology, (2024), Bentham Science Publisher. ISBN: 978-981-5238-03-7 (Online) Pp. 212-224 (13). DOI:10.2174/97898152380371240101
3. **Maliha Sarfraz**, Rahman M. Hafizur, Hayat Ullah, Sanaullah Sajid, Rana Waseem Akhtar, Mamoon Noreen, Shazia Perveen and Misbah Ullah Khan (2023) Current Strategies of New Drugs for Diabetes Management. Frontiers in clinical drug research-diabetes and obesity. Bentham Science Publisher Volume 7: 22-47 (26). Doi: 10.2174/9789815123586123070005
4. Hayat Ullah, **Maliha Sarfraz**, Misbah Ullah Khan, Munzer Ullah (2021) Chemosensor in Glucose Monitoring, Advances and Challenges. (ISBN: 978-981-14-7919-9) Frontiers in clinical drug research-diabetes and obesity. Bentham Science Publisher Volume 6: 72-97.
5. **Maliha Sarfraz**, Hayat Ullah, Ghulam Nabi, Muhammad Asif Raza, Rashid Iqbal, Shaheed Ullah (2021) *Curcuma longa* as dietary supplement and Diabetes Mellitus: Evidence from Experimental Studies. (ISBN: 978-981-14-7919-9) Frontiers in clinical drug research-diabetes and obesity. Bentham Science Publisher Volume 6: 145-169.
6. Sanaullah Sajid, Sajjad-ur Rahman, Muhammad Ali, **Maliha Sarfraz**, Imran Abdullah, Samiullah Sajid (2021) The chronicles of coronavirus: A Chinese king who conquered the entire world. Coronaviruses. (ISBN: 978-981-4998-60-4). Bentham Science Publisher Singapore. Volume 2, 118-133.
7. **Maliha Sarfraz**, (2020) Diabetes mellitus and Protective Approaches of Medicinal Plants: Present Status and Future Prospects (ISBN: 978-981-14-5911-5). Phytotherapy in the management of diabetes and hypertension. Volum 3. Pp.38-60 (23). eISBN: 978-981-14-5913-9, DOI: 10.2174/9789811459139120030004.
8. **Maliha Sarfraz**, Mushtaq Ahmad, Wan Syaidatul Aqma Wan Mohd Noor, Muhammad Aqeel Ashraf, (2016) Pollution Prevention, Best Management Practices, and Conservation (ISBN:9789535122562). Agricultural and Biological Sciences "Organic Farming - A Promising Way of Food Production. In Tech - Open Access Publisher. DOI: 10.5772/61246
9. Muhammad Aqeel Ashraf, Samavia Batool, Mushtaq Ahmad, **Maliha Sarfraz**, Wan Syaidatul Aqma Wan Mohd Noor, (2016) Biopolymers as Biofilters and Biobarriers (ISBN: 9780081002148). In Pacheco-Torgal, Ivanov, Karak & Jonkers (Eds.), Biopolymers and Biotech Admixtures for Eco-Efficient Construction Materials (pp. 401-424). Elsevier, Woodhead Publishing, India.

#### Article in Academic Journals

1. **Maliha S**, Hayat U. Preventive and Therapeutic Role of Bioactive Food Components and Functional Foods in Diabetes. Anatomy Physiol Biochem Int J: 2025; 7(5): 555722. DOI: 10.19080/APBIJ.2025.07.555722
2. Ali Umar, Muhammad Ahsan Ashraf, Aruba, Sidra Saeed, Muhammad Zahir Tahir, Aman Ullah, Memon Aslam, Muhammad. Yasir Abbas, Maryam Parveen, **Maliha Sarfraz**, Muhammad Saleem Khan, Misbah Ullah Khan and Hayat Ullah. Therapeutic Potential of Silver and Cobalt Nanoparticles in Sleep Disorders, Mental Health and Diabetes. Arch Clin Case Stud. 4(3): 2025. ACCS.MS.ID.000590. DOI: 10.33552/ACCS.2025.04.000590.
3. **Maliha Sarfraz**, H. Ullah, R. Iqbal, G. Shaheen, M.A. Albalawi, F. S. Alatawi, A. Omran, A. Alareefy, N. M. Abdulsalam, N.A. Khateeb, M. S. Alatawi, N. Zidan, A. Ditta. Anti-diabetic effect of black



- pepper, turmeric, and ajwa date pulp, seed, and its mixture as antioxidative in alloxan diabetic rats. Journal of animal and feed sciences. jafs-01644-20023-02, 33(2024) (IF=1.4)
4. Sundas Tariq, Fazal Rahim, Hayat Ullah, **Maliha Sarfraz**, Rafaqat Hussain, Shoaib Khan, Misbah Ullah Khan, Wajid Rehman, Amjad Hussain, Mashooq Ahmad Bhat, Muhammad Kamran Farooqi, Syed Adnan Ali Shah, Naveed Iqbal. Synthesis, In Vitro Biological Evaluation and Molecular Modeling of Benzimidazole-Based Pyrrole/Piperidine Hybrids Derivatives as Potential Anti-Alzheimer Agents. Pharmaceuticals. 17 (2024) 410. (Impact Factor = 4.3)
  5. Hayat Ullah, Imad Uddin, Hafeeza Zafar Ali, Wagma Hassan, Gul Mehnaz, Laiba Maryam, **Maliha Sarfraz**, Muhammad Saleem Khan, Mohammad Shahidul Islam, Zainab M. Almarhoon, Rashid Iqbal, Muhammad Nabi, A promising  $\alpha$ -glucosidase and  $\alpha$ -amylase inhibitors based on benzimidazole-oxadiazole hybrid analogues: Evidence based in vitro and in silico studies, Results in Chemistry, Volume 11, 2024, 101832. (IF = 2.5)
  6. Hayat Ullah, Muhammad Nabi, **Maliha Sarfraz**, Fahad Khan, Muhammad Saleem Khan, Rabia Khan, Mehboob Khan, Muhammed Pervaiz, Fazal Rahim. Synthesis, in vitro acetylcholinesterase, butyrylcholinesterase activities and molecular docking study of 1,3-oxathiol-2-imine derivatives. Chemical Data Collections. 50 (2024) 101120. (Impact Factor = 0.27)
  7. Muhammad Khalil, Nazakat Ali, Ali Umar, Azhar Iqbal, Muhammad Ahmad, Muhammad Abdullah, Samina shakoor, Muhammad Wajid, Muhammad Saleem Khan, Arshad Javid, Hayat Ullah, **Maliha Sarfraz**, Majid Alhomrani. GIS Based Evaluation of Population Density and Diversity of Birds of Prey of District Muzaffargarh, Punjab Pakistan. AJ Life Sci. 2024, 7 (1): 1-14. (Y category)
  8. Kainat Ramzan, Imran Haider, **Maliha Sarfraz**, Ayesha Aslam, Noor Zada khan, Sonia, Sabahat Tanveer, Saira Ramzan and Hayat Ullah. A Pioneering Genome Editing Tool with Crispr-CAS9 Approach for Application in Cancer Therapy: Future Perspectives and Challenges. Arch Biomed Eng & Biotechnol. 7(5): 2024. ABEB.MS.ID.000673. DOI: 10.33552/ABEB.2024.08.000673.
  9. Munzer Ullah, Misbah Khan, Hayat Ullah, **Maliha Sarfraz**, Ali Umar, Rashid Iqbal, Huma Nawaz, Muhammad Saleem Khan, Zeeshan Ulfat, Sheraz Khan. Analysis of Air pollution Level in Major Cities of Pakistan. Journal of Plant and Environment. 6 (1) 2024, 1-6. 10.33687/jpe.006.01.4546.
  10. Noshaba Munawar, Muhammad Ashraf, Ali Umar, Muaz, Muhammad Latif, Hayat Ullah, Muhammad Khan, Rashid Iqbal, **Maliha Sarfraz** (2024). Minute Concentrations of Imidacloprid Pesticide under Short Term Experimental Conditions to Oreochromis niloticus (Gift Tilapia) Significantly Alters Physiological and Histological Parameters. Journal of Plant and Environment. 10.33687/jpe.006.01.4573.
  11. Hussain, Rafaqat, Fazal Rahim, Hayat Ullah, Shoaib Khan, **Maliha Sarfraz**, Rashid Iqbal, Faiza Suleman, and Mohammad Khalid Al-Sadoon. "Design, Synthesis, In Vitro Biological Evaluation and In Silico Molecular Docking Study of Benzimidazole-Based Oxazole Analogues: A Promising Acetylcholinesterase and Butyrylcholinesterase Inhibitors" Molecules (2023) 28, no. 20: 7015. <https://doi.org/10.3390/molecules28207015>. (IF = 4.2)
  12. Hayat Ullah, H. Zada, S. Hayat, **Maliha Sarfraz**, F. Khan, Z. Gul, F. Rahim, M. Ullah, M. U. Khan, S. Ullah, A. Wadood, and A. Rehman. Synthesis,  $\beta$ -Glucuronidase Inhibitory Activity, and Molecular Docking Study of Oxazole Derivatives. Russian Journal of Organic Chemistry, (2023), 59: 1, 174–180. (Impact factor= 0.8)
  13. Fazal Rahim, Hayat Ullah, Muhammad Taha, Rafaqat Hussain, **Maliha Sarfraz**, Rashid Iqbal, Naveed Iqbal, Shoaib Khan, Syed Adnan Ali Shah, Marzough Aziz Albalawi, Mahmoud A. Abdelaziz, Fatema Suliman Alatawi, Abdulrahman Alasmari, Mohamed I. Sakran, Nahla Zidan, Ibrahim Jafri, Khalid Mohammed Khan. Synthesis of new triazole based thiosemicarbazone derivatives as anti-Alzheimer's

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14. Hayat Ullah, Maliha Sarfraz, Arinah Muteen, Ali Umar, Misbah Ullah Khan, Huma Nawaz, Maria Bashir, Ammara Sohail, Muhammad Luqman, Asad Rasheed, Zeeshan Ulfat, Aman Ullah, Muhammad Saleem Khan. Natural and Processed Organic Fertilizer. *BIOMEDICAL Journal of Scientific and Technical Research*. 49(4) (2023) 40852-40857. (Impact Factor = 1.229)
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  16. Shoaib Khan, Hayat Ullah, Muhammad Taha, Fazal Rahim, **Maliha Sarfraz**, Rashid Iqbal, Naveed Iqbal, Rafaqat Hussain, Syed Adnan Ali Shah, Khurshid Ayub, Marzough Aziz Albalawi, Mahmoud A. Abdelaziz, Fatema Suliman Alatawi, Khalid Mohammed Khan. Synthesis, DFT Studies, Molecular Docking and Biological Activity Evaluation of Thiazole-Sulfonamide Derivatives as Potent Anti-Alzheimer's Inhibitors. *Molecules*, 28 (2023) 559. (Impact Factor = 4.927)
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26. Maheen Kanwal, Hayat Ullah, Aasma Gulzar, Tehmina Sadiq, Zarif Gul, Munzer Ullah, **Maliha Sarfraz**, Muhammad Waseem Aslam, Nida Nasir Khan, Tayyaba Batool, Saman Maqsood and Ayesha Nawaz. Biodegradation of Petroleum Hydrocarbons and The Factors Effecting Rate of Biodegradation. Am J Biomed Sci & Res. 2022 - 16(1).
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  28. Munzer Ullah, **Maliha Sarfraz**, Hayat Ullah, Misbah Ullah Khan, Maheen Kanwal. (2021) Ethnomedicinal Uses of Different Plants for the Treatment of Asthma in Pakistan. Biomed J Sci & Tech Res 36(5)- 005917. (IF=0.54)
  29. Munzer Ullah, Hayat Ullah, Khaliq Noor, **Maliha Sarfraz**, Misbah Ullah Khan, Uzma Bibi, Ghulam Nabi, Maheen Kanwal, Kainat Ramzan, Ahmed M. Metwaly (2021) Antimicrobial Susceptibility of Pseudomonas aeruginosa Isolated from Hospital Environment. AJ Life Sci. 4 (1): 40-50. (IF=0)
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  33. **Maliha Sarfraz** (2021) Efficacy of the Co-Administration of Piper Nigrum and Partially Purified Product from Abroma Augusta in Metabolic Syndrome. Metabolism. 116: 154611. (IF=8.694)
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  37. **Maliha Sarfraz**, Tanweer Khaliq, Muhammad Aqeel Ashraf (2016) Efficacy and safety of some medicinal plants in type 2 diabetes. International Conference Proceedings Clean water, air and soil, 26-28 August, IWA Publishing, London. 343-347. (IF=0)
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43. Samavia Batool, Sharifah Ab Rashid, Mohd. Jamil Maah, Maliha Sarfraz and Muhammad Aqeel Ashraf (2016) Geographical distribution of persistent organic pollutants in the environment: A review. *Journal of Environmental Biology*, 37: 5, 1125-1134. (IF=0.719)
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47. Samavia Batool, Azeem Khalid, Khan Chowdhury Ahmed Jalal, **Maliha Sarfraz**, Khaled S. Balkhaire and Muhammad Aqeel Ashraf (2015) Effect of azo dye on ammonium oxidation process and ammonia oxidizing bacteria (AOB) in soil. *RSC Advances*, 44: 5, 34812-34820. (IF=3.73)
48. Aysha Masood Khan, Chaudhary Sajjad Ahmad, Umer Farooq, Karamat Mahmood, **Maliha Sarfraz**, Khaled S. Balkhair and Muhammad Aqeel Ashraf (2015) Removal of metallic elements from industrial waste-water through biomass and clay. *Frontiers in Life Science*, 8:3, 223-230. (IF=1.33)
49. Faryal Mateen, Iqra Javed, Uzaira Rafique, Noshabah Tabassuma, **Maliha Sarfraz**, Sher Zaman Safi, Ismail Yusoff and Muhammad Aqeel Ashraf (2015) New method for the adsorption of organic pollutants using natural zeolite incinerator ash (ZIA) and its application as an environmentally friendly and cost- effective adsorbent. *Desalination and Water Treatment*, 57:14, 6230-6238. (IF=1.254)
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51. Muhammad Aqeel Ashraf, Ayesha Masood Khan, Mushtaq Ahmad, **Maliha Sarfraz** (2015) Effectiveness of silica-based Sol-gel microencapsulation Method for odorants and flavours leading to sustainable Environment. *Frontiers in Chemistry*. 3: 42. (IF=5.54)
52. Quratulan Ahmed, Farzana Yousuf, **Maliha Sarfraz**, Nor Kartini Abu Bakar, Mansour A. Balkhour and Muhammad Aqeel Ashraf (2014) Seasonal elemental variations of Fe, Mn, Cu and Zn and conservational management of *Rastrelliger kanagurta* fish from Karachi fish harbour, Pakistan. *Journal of Food, Agriculture and Environment (JFAE)*, 12, (3&4): 405-414. (IF=0.340)

1. Ayesha Younas, **Maliha Sarfraz**, Anmol Fatima Iqbal. ISDD91- The impact of avian influenza in hens on human health. 2024.
2. Muhammad Bilal Tahir, Riaz Mustafa, Umar Farooq, Muhammad Farooq Khalid, Muhammad Tariq, **Maliha Sarfraz**. Evaluation of hypolipemic effect of statin on cholesterol level in eggs of Japanese quail. PSC@IPEX2024. 2024
3. Umar Farooq, Riaz Mustafa, Muhammad Farooq Khalid, Umair Mahmood, M. Auon, **Maliha Sarfraz**, Urooj Khan. Regional effects of scavenging feeding on immunity, oxidative stress, and lactose fermentation in golden mistri chickens. PSC@IPEX2024. 2024
4. Umar Farooq, Muhammad Affan, Muhammad Farooq Khalid, Urooj Khan, Hafiz Rao Abdul Latif, Umair Mahmood, Maliha Sarfraz. Effect of molting-age on post molt production performance of commercial layers. PSC@IPEX2024. 2024
5. Muhammad Farooq Khalid, Umar Farooq, Urooj Khan, Hafiz Rao Abdul Latif, Umair Mahmood, Zia-ur-Rehman, Muhammad Tariq, Maliha Sarfraz. Effect of mannan oligosaccharides and beta-glucansextracted from cell wall derivates of saccharomycescerevisiae on immunity and oxidative stress in broiler. PSC@IPEX2024. 2024.
6. M. Ihtasham Asif, Riaz Mustafa, Umar Farooq, Muhammad Auon, Muhammad Farooq Khalid, Muhammad Tariq, Umair Mahmood, Maliha Sarfraz. Effect of supplementation of gonadostimulant on reproductive performance of Japanese quail. PSC@IPEX2024. 2024.

## COLLABORATION

(Organization), (Role), (year), (Level)

IND Institution China, Consultant, 2020, International

## FUNDED PROJECTS

(Title), (Role), (year), (Level)

1. Maliha Sarfraz. Startup Research Grant Program (SRGP), Ref. No. 269/IPFP-II(Batch-I)/SRG P/NAHE/HEC/2020/104 Principal investigator, 2021, National
2. Maliha Sarfraz. Integrated child health and nutritional strategy in rural areas of Pakistan: A community-based education and research services. Planning commission of Pakistan. 16 May, 2022. Submitted to Planning comission
3. Maliha Sarfraz. Ostrich Farming! A safe and healthy food to malnutrition community leading to self-employment. Planning commission of Pakistan. 16 May, 2022. Submitted to Planning comission
4. Maliha Sarfraz. Microplastics in fresh and seawater: An emerging issue for food security, food safety, and human health. joint scientific exchange program (jsep) between psf (pakistan) and nsfc (china). 1<sup>st</sup> July 2022. Submitted to PSF.
5. Maliha Sarfraz. New feed ingredients and food systems for sustainable livestock production. Agriculture linkages programe (ALP). 5<sup>th</sup> June 2023. Submitted to Agricultural Linkages Program (ALP)
6. Maliha Sarfraz. Evaluation of reproductive hormones, genetic profiling, and conservation priorities of Chinkara deer (*Gazella bennetti*) in Pakistan. 31 March, 2023. Submitted to Endowment Fund Secretariat
7. Maliha Sarfraz. Food waste in Poultry feed and Composting of Poultry Manure: An Innovative Approach to Waste Management April, 2023. Submitted to PARB
8. Maliha Sarfraz. Green synthesis, characterization and evolution of biological role of calotropis procera based nanoparticles March, 2024. Submitted to Endowment Fund Secretariat
9. Maliha Sarfraz. Identifying Novel Biomarkers for Diabetes-Related Cardiovascular Disease Using Machine Learning and Omics Technologies. Feb, 2025. Submitted to HEC, NRPU

## REVIEWER FOR RESEARCH JOURNALS

(Role), (Journal), (Year)

Reviewer, International journal of health and allied sciences, (2024-continue)  
Reviewer, BP International, (2024-continue)  
Reviewer, Open medicine, (2015-continue)  
Reviewer, Science Malaysiana, (2016)  
Reviewer, Open Life Sciences, (2016-continue)  
Reviewer, Journal of Environmental Biology, (2016)  
Reviewer, International Journal of Biological and Medical Sciences, (2017)  
Reviewer, Food Control, (2020-continue)  
Reviewer, Molecular Biology Reports, (2021)  
Reviewer, Chemical data collection, (2023-continue)  
Reviewer, ACS Omega, (2023)

## RESEARCH JOURNALS SERVICES

(Role), (Journal), (Year).

Editorial Board Member, World Journal of Cancer Science and Therapy, (2020)  
Editorial Board Member, Pharmacology and Therapeutics Case reports, (2018)  
Managing editor, Water Conservation and Management, (2017)

## TEACHING COURSES

(Title), (Semester), (Year)

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Developmental Biology, BS, 2022  
Zoogeography and Paleontology, 2022,2023,2024  
Animal behavior, BS, 2021,2022,2024  
Animal Behavior and Wildlife, M.Sc, 2021, 2022,2024  
Paleontology, BS, 2021,2022,2023,2024  
Animal diversity, BS,2022,2023,2024  
Introduction to wildlife, BS, 2022, 2023,2024  
Economic zoology, BS, 2023  
Principals of Wildlife Management, BS, 2023,2024  
Essentials of wildlife conservation, BS, 2023,2024  
Aquaculture, M.Phil, 2023,2024  
Modern approaches of Ornithology, M.Phil, 2023,2024  
Molecular Ecology, M.Phil, 2023  
Fisheries management, M.Phil, 2023  
Advances in vertebrate pest management, M. Phil, 2024, 2025  
Wildlife behaviour, M. Phil, 2025

## ADMINISTRATIVE DUTIES

(Title), (Institute), (Year)

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Degree Coordinator, Undergraduate, Postgraduate, Zoology, University of Agriculture Faisalabad, 2022-continue  
Degree Advisor, Undergraduate, Postgraduate, Zoology, University of Agriculture Faisalabad, 2022-continue

Focal Person, ORIC, University of Agriculture Faisalabad, 2022-continue  
 Girls Hostel Superintendent, University of Agriculture Faisalabad, 2022-continue  
 Admission Committee member, University of Agriculture Faisalabad, 2022-continue  
 Deputy DSA, University of Agriculture Faisalabad, 2022-2024  
 Tutor, University of Agriculture Faisalabad, 2022-continue  
 M. Phil Synopsis scrutiny committee Convener, University of Agriculture Faisalabad, 2022-continue  
 Ph. D thesis defense member, University of Agriculture Faisalabad, 2022-continue  
 In charge Junior Laboratory School University of Agriculture Faisalabad, 2023-continue  
 Convener, annual physical verification of campus, University of Agriculture Faisalabad, 2023  
 Postgraduate Admission Committee member, University of Agriculture Faisalabad, 2023-continue

## **ADDITIONAL DUTIES**

(Title), (Institute), (Year)

- 
1. Committee member of Ph.D. and M.Phil. Seminar, 2022, UAF, T.T.S
  2. Committee member, Synopsis Scrutiny, 2022, UAF, T.T.S
  3. Convener, Enrolment formalities for winter semester 2022-23, UAF, T.T.S
  4. Member, Admission enrolment formalities, 2022, UAF, T.T.S
  5. Committee member, Food quality and clearness of cafeteria, 2022, UAF, T.T.S
  6. Nomination for international training, Hosting a young scholar at ICWA, 2022, UAF, T.T.S
  7. Convener Physical verification of postgraduate admission, 2023, UAF, T.T.S
  8. Member, Synopsis Scrutiny, 2023, UAF, T.T.S
  9. Convener, Scrutiny of Teacher for junior lab school, 2023, UAF, T.T.S
  10. Member, Admission enrolment formalities, 2023, UAF, T.T.S
  11. Convener, Annual physical verification for the financial year 2023,24, UAF, T.T.S
  12. Invigilator, entry test for undergraduate, 2023, UAF, T.T.S
  13. Convener, PM laptop scheme verification, 2023, UAF, T.T.S
  14. Member, Purchase committee, 2023, UAF, T.T.S
  15. Convener, Scrutiny of Teacher for junior lab school, 2023, UAF, T.T.S
  16. Member, Monitoring and evaluation of PEEF scholarships, 2023, UAF, T.T.S
  17. Nomination for Qirat and Naat club, 2023, UAF, T.T.S
  18. Member, canteen and photocopy shop, 2024, UAF, T.T.S
  19. Convener, Auction committee, 2024, UAF, T.T.S
  20. Invigilator, Undergraduate entry test, 2024, UAF, T.T.S
  21. Invigilator, Undergraduate entry test, 2024, UAF, T.T.S
  22. Convener, Synopsis and seminar committee postgraduate, 2024, UAF, T.T.S

## **STUDENT SUPERVISE**

(Title), (Year)

---

Supervisor, Nafeesa Ikram, Effects of varying dietary sodium bicarbonate and Indian gooseberry powder levels on production performance, digestibility of nutrients, and blood profile of commercial rabbits under heat stress, M. Phil Zoology, 2025  
 Supervisor, Ayesha Zulfiqar, Evaluation pf protected bypass fat as an alternative energy source in quail diet. M. Phil Zoology, 2025  
 Supervisor, Nauman Hanif. Bio floc and batch culture systems: comparative effects on Nile tilapia growth, water quality and nutritional profile M. Phil Zoology, 2025

Supervisor, Aleeza Aleem. The impact of apple cider vinegar and dietary fibers on trichomonias gallinae infection in pigeons M. Phil Zoology, 2025

Supervisor, Nimra Rasool. Fermented food waste in Nile tilapia diet: improving gut morphology and liver histology for better aquaculture practices M. Phil Zoology, 2025

Supervisor, Mehrab Zareen, identifying gut microbiota shifts in hypoxic Nile tilapia and their correlation with survivalness and respiratory efficiency M. Phil Zoology, 2025

Supervisor, Sana Sharif the protective role of spirulina against cuso<sub>4</sub> and cuo-nps toxicity in tilapia biochemical and histopathological investigation M. Phil Zoology, 2025

Supervisor, Eman Fatima, Impact of glyphosate on Labeo rohita: growth metrics and histopathological alterations M. Phil Zoology, 2025

Supervisor, Saleha Naz, Evaluating the role of neem leaf extract in enhancing growth and survival of rohu fingerlings M. Phil Zoology, 2025

Supervisor, Arooj Latif, Polystyrene micro plastics in aquatic systems: effects on rohu tissue enzymes and behavior M. Phil Zoology, 2025

Supervisor, Muneeb Fatima, Mitigating microplastic toxicity: the role of anthocyanins in protecting pigeon embryos M. Phil Zoology, 2025

Supervisor, Iram Iqbal, A comparative study of antibiotic, garlic and turmeric as therapeutic agents for canker disease in pigeons M. Phil Zoology, 2025

Supervisor, Sania gill, Assessing the growth potential of cyprinus carpio gulfam in cage culture environments. M. Phil Zoology, 2025

Supervisor, Attia Akhter, The role of fermented alternative feeds in enhancing growth and blood health of Nile tilapia M. Phil Zoology, 2025

Supervisor, Wajeeha Mehmood, the toxicological impact of nano plastics on cirrhinus mrigala: a study on behavior, blood and tissue damage. Phil Zoology, 2025

Supervisor, Naima saif behavioral responses of captive wildlife mammals to seasonal changes in Punjab, Pakistan. M. Phil Zoology, 2025

Supervisor, Muneeba Imtiaz, Hematological profile of tick infested dogs in vicinity of Punjab Pakistan. M. Phil Zoology, 2025

Supervisor, Javeria Ishaq, Enhance bio floc performance through carbon sources optimization and growth of Nile tilapia M. Phil Zoology, 2025

Supervisor, Ali raza, Impact of vitamin c supplementation on growth performance, immune response and intestinal histology in Nile tilapia, Oreochromis niloticus. M. Phil Zoology, 2025

Supervisor, Aresha Tahseen, Microplastics contamination and its effects on embryonic tissue integrity in pigeons. M. Phil Zoology, 2025

Supervisor, Sabeel Afzal impact of banana peel supplementation on bio floc performance: growth and health biomarkers in Nile tilapia (oreochromis niloticus). M. Phil Zoology, 2025

Member, Talha Hussain, Effect of organic and inorganic copper on growth performance and gut health in broilers. M.Sc. (Hons.), 2022

Member, Muhammad Danish, Effect of prophylactic levels of anti-enteric drugs on growth performance, nutrient digestibility and immunity in broilers M.Sc. (Hons.), 2022

Member, Irfan Azhar, Ph.D, 2022

Member, Muhammad Arsalan, 2024

Supervisor, Uswa Yasin, Impact of vertebrate pests on economy loss and food shortage by damaging crops, BS, 2024



Supervisor, Ayesha Sania, 2020-ag-6133, Invasive plant species and their impacts on indigenous wildlife Pakistan, BS, 2024

Supervisor, Ayesha Javed, 2020-ag-6134, Role of non-coding RNA in chromatin structure and gene regulation, BS, 2024

Supervisor, Samawia Afzal, 2020-ag-6127, Effects of modern aquaculture techniques on fish growth rate and sustainability, BS, 2024

Supervisor, Noor Bakht, 2020-ag-6130, Investigating the behavior and migration patterns of pelagic fish species, BS, 2024

Supervisor, Mashal Naeem, 2020-ag-6136, Uses of wild animals for medical purposes, BS, 2024

Supervisor, Ayesha Younas, 2020-ag-6128, The evolutionary dynamics of sex determination systems in birds, particularly focusing on the chicken, BS, 2024

Supervisor, Tehreem Fatima, 2020-ag-6131, Antimicrobial usage trends in livestock farming Supervisor, and their epidemiological implications, BS, 2024

Supervisor, Muhammad Shahzad, 2020-ag-5461, Building blocks of sustainable future and exploring of green nanoparticles in advanced materials, BS, 2024

Supervisor, Muhammad Tayyab Khalil, 2020-ag-5463, Spectroscopic techniques for monitoring clistin resistant and susceptible E. Colistrains, BS, 2024

Supervisor, Hamza Zahid, 2020-ag-5465, Impact of pesticides on target organisms and ecosystem services in agricultural landscape, BS, 2024

Supervisor, Saim Khalid, 2020-ag-5466, Nanomaterials for energy storage: A comprehensive study, BS, 2024

Supervisor, Maria Safdar, 2020-ag-5464, Strategies for mitigating carbon dioxide emissions: carbon capture technologies, BS, 2024

Supervisor, Aneeqa Javed, 2020-ag-5458, Graphene nano composites for higher performance super capacitor, BS, 2024

Supervisor, Ayesha Asghar, 2020-ag-5459, Integration of computational methods for predictive organic synthesis and reaction optimization, BS, 2024

Supervisor, Ahmad Raza, 2020-ag-5460, Removal of dyes from waste water using nano particles, BS, 2024

Supervisor, Isba Tariq, 2020-ag-5462, From waste to wonder: Transforming plant byproducts into functional green nano particles, BS, 2024

Supervisor, Minahil Akram, 2020-ag-6036, Synthesis of Cobalt Nanoparticles to investigate the thermoelectric and magnetic properties, BS, 2024

Supervisor, Muhammad Dawood, 2020-ag-6037, Measuring Resistivity of Material by Four Probes, BS, 2024

Supervisor, Nazish Saleem, 2020-ag-6039, Synthesis and Characterization of Silver Nanoparticles, BS, 2024

Supervisor, Sameen Saira, 2020-ag-5398, Physical properties of a Sunflower Seeds, BS, 2024

Supervisor, Kaneez Fatima, 2020-ag-5399, Maize Crop domestication and their Genetic Interaction, BS, 2024

Supervisor, Huraida Ayun, 2020-ag-5838, Exploring power and resistance of Women in Hossenini's Novel :A Thousand Splendid Suns A Feminist Critique, BS, 2024

Supervisor, Eshmal Seemab Saeed, 2020-ag-5839, Psychological impacts of Racism in the Novel the last white man by Mohsin Hamid, BS, 2024

Supervisor, Shahzaib Ali, 2020-ag-5336, The impact of Digitalization on traditional banking system an empirical study of financial institutions of District Toba Tek Singh, BS, 2024

Supervisor, Usama Kavish, 2020-ag-5359, Microeconomics effect on Stock Exchange, BS, 2024

Supervisor, Sayyam Amin, 2020-ag-5360, Impact of Digital Marketing on Customer Satisfaction, BS, 2024

Supervisor, Ali Shair, 2020-ag-5643, E- Commerce Shoes Website, BS, 2024

Supervisor, Usama Ahamd, 2020-ag-5646, E-Labor System, BS, 2024

Supervisor, Tayba Rameen, 2020-ag-5648, I DURAR CRM, BS, 2024

Supervisor, Muhammad Usman, 2020-ag-5649, Hotel Booking Web App, BS, 2024

Supervisor, Ali Anwar , 2020-ag-5651, Hostel Management System, BS, 2024

Supervisor, Furqan, 2020-ag-5652, Personal Finance App, BS, 2024

Supervisor, Umar Shahzad, 2020-ag-5653, SHOP AL-BASED ONLINE SHOPPING with Product Recommendations (Web Application) , BS, 2024

Supervisor, Muhammad Mohsin, 2020-ag-5657, Student information Portal (Web Application) , BS, 2024

Supervisor, Muhammad Hasnain Zafar, 2020-ag-5661, Stock Market Predication Using Machine Learning, BS, 2024

Supervisor, Muhammad Moez Arshad, 2020-ag-5662, Person Recognition Android App: An In-depth Exploration of Deep Learning for Image Recognition and Identification, BS, 2024

Supervisor, Farhan Rafiq, 2020-ag-5663, Food Finder Hub, BS, 2024

Supervisor, Maha Shabir, 2020-ag-5665, Real Estate Advisor System, BS, 2024

Supervisor, Ayesha Shakeel, 2020-ag-5980, Online Dmart, BS, 2024

Supervisor, Awais Azam, 2020-ag-5981, Doctors on Hands, BS, 2024

Supervisor, Sikandar Ali, 2020-ag-5982, College Management System, BS, 2024

Supervisor, Anees Shahid, 2020-ag-5984, Gadget Gallery, BS, 2024

Supervisor, Faiza Chaudhry, Insufficient levels of vitamin D in children aged five years and below, BS, 2023

Supervisor, Maryam Fatima, Effect of global warming on migratory birds, BS, 2023

Supervisor, Ali haider, Effects and causes of climate change on biodiversity in Pakistan, BS, 2023

Supervisor, Hira shahzadi, Mercury and methyl mercury bioaccumulation and biomagnification in aquatic environment, BS, 2023

Supervisor, Saira muqaddas, Harmful effect of PCOS on infertility of women, BS, 2023

Supervisor, Zara azam, Hot tea consumption and risk of cancer of esophagous, BS, 2023

Supervisor, Ayesha Liaquat, Impacts of grain dust allergy on humen respiratory system, BS, 2023

Supervisor, Hamza ali, Impacts of plastic pollution on marine species, BS, 2023

Supervisor, Aresha Tahseen, Thyroid disfunction the effects of hyperthyroidism and hypotheroidism in humen health, BS, 2023

Supervisor, Irsa tahir, Effects of heavy metals on african cat fish, BS, 2023

Supervisor, Ayesha ahmad, Animal organization and conservation in Pakistan, BS, 2023

Supervisor, Muqaddas Rafique, Agro-ecological role of earthworms in sustainable agriculture and nutrient use efficiency, BS, 2023

Supervisor, Iqra munir, Effect of microbiota on humen respiratory system (Asthama and Pneumonia), BS, 2023

Supervisor, Bilal safdar, Growth and economic performance of NILE thelapia in bioflock aquaculture technique in Pakistan, BS, 2023

Supervisor, Nitasha parveen, Suatinality of livestock systems and the effects of climate change on animal production, BS, 2023

Supervisor, Nimra ghufraan, Regulation of animal poplutions and ecosystem by parasites, BS, 2023

Supervisor, Laiba abid, Study of impact of systemic insecticide on the ecosystem and organisms, BS, 2023

Supervisor, Amna noor, Detrimental consequences and management of the tourist activities on wildlife, BS, 2023

Supervisor, Bushra Mubeen, The study on effect of artificial diet on silkworm rearing and metabolism as compared to natural diet, BS, 2023

Supervisor, Arfa saeed, Hematological and physiological impacts of dengue on humans, BS, 2023

Supervisor, Ayesha Naeem, Effect of toxicity and bioaccumulation of copper in gills of different fish specie, BS, 2023

Supervisor, Khalid zia, Addiction of smoking and its atrocious impact on mental and physical health, BS, 2023

Supervisor, Sabeel Afzal, Analysis of prevalence of hepatocellular carcinoma in Pakistan, BS, 2023

Supervisor, Nimra Khaliq, Effects of gestational diabetes mellitus (GDM) on pregnant women prepartum and postpartum, BS, 2023

Supervisor, Laiba ali, Investigation of biosecurity and sanitization in dairy farms, BS, 2023

Supervisor, Muhammad ahmad, Effects of microplastics on the fetal development of marine animals, BS, 2023

Supervisor, Muhammad adrees, Comparison between Islamic and conventional bank specially focus on credit risk capital ratio cash and cash equivalent ratio, BBA, 2023

Supervisor, Qasim Razzaq, An analysis of the impact of enterprise risk management (ERM) on the profitability of banks with a focus on credit risk, liquid risk and leverage, BBA, 2023

Supervisor, Asad Rehman asad, Theoretical application of silicon dioxide in solar cells, BS, 2023

Supervisor, Aimen-un-nisa, Removal of polychlorinated biphenyls from wastewater by using nanoparticles, BS, 2023

Supervisor, Maria mukhtar, Alkaline wastewater treatment and organic dye degradation by graphene recyclable adsorbent, BS, 2023

Supervisor, Sania Naseer, Green solvent based synthesis and characterization of bioactive compounds using ionic liquids and their biological activity, BS, 2023

Supervisor, Laiba Zafar, Approaches of carbon nanotubes in treatment of cancer, BS, 2023