

DR. ASMA CHAUDHARY

| Objective | Hard work and good manners are my strongest virtues. Challenging goals bring out the best in my efforts. I particularly love to work in challenging environment where I can apply my potentialities, abilities and skills with full devotion and dedication. I feel proud to excel and grow professionally within a competitive organizational environment where my skills are not only utilized but enhanced inter-alia to the maximum for the entire benefit of the community. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Personal Information | Father Name: Muhammad Hassan Gulzar Ali Marital Status: Single Domicile: Lahore (Punjab) NIC No: 35202-2574569-6 Postal Address: House No. 79h, Block B, Revenue Employees Cooperative Housing Society, Near UMT, College Road, Lahore. E. mail: asma.ch@ue.edu.pk Contact No: 0332 8460203 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basic Qualification | <table border="1" data-bbox="483 1025 1528 1417"> <thead> <tr> <th>Qualification</th> <th>Year</th> <th>Institution</th> <th>Board/University</th> </tr> </thead> <tbody> <tr> <td>Post doc</td> <td>2010-2011</td> <td>International centre for Environmental Technology Transfer (ICETT)</td> <td>Mie University, Mie Prefecture, Japan</td> </tr> <tr> <td>Ph.D.</td> <td>2008</td> <td>Punjab University</td> <td>Punjab University</td> </tr> <tr> <td>M.Sc. Zoology</td> <td>1997</td> <td>Punjab University</td> <td>Punjab University</td> </tr> <tr> <td>B.Sc.</td> <td>1995</td> <td>Lahore College for Women, Lahore.</td> <td>Punjab University</td> </tr> <tr> <td>F.Sc.</td> <td>1991</td> <td>Lahore College for Women, Lahore.</td> <td>B.I.S.E. Lahore.</td> </tr> <tr> <td>Matric</td> <td>1989</td> <td>Govt. Girls High School, Chouburji Gardens, Lahore.</td> <td>B.I.S.E. Lahore.</td> </tr> </tbody> </table> | | | Qualification | Year | Institution | Board/University | Post doc | 2010-2011 | International centre for Environmental Technology Transfer (ICETT) | Mie University, Mie Prefecture, Japan | Ph.D. | 2008 | Punjab University | Punjab University | M.Sc. Zoology | 1997 | Punjab University | Punjab University | B.Sc. | 1995 | Lahore College for Women, Lahore. | Punjab University | F.Sc. | 1991 | Lahore College for Women, Lahore. | B.I.S.E. Lahore. | Matric | 1989 | Govt. Girls High School, Chouburji Gardens, Lahore. | B.I.S.E. Lahore. |
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| M.Sc. Zoology | 1997 | Punjab University | Punjab University | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B.Sc. | 1995 | Lahore College for Women, Lahore. | Punjab University | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Professional Qualification | <table border="1" data-bbox="483 1440 1528 1518"> <tbody> <tr> <td>B.Ed.</td> <td>1998</td> <td>Govt. Education College for Women, Bank road, Lahore.</td> <td>Punjab University</td> </tr> </tbody> </table> | | | B.Ed. | 1998 | Govt. Education College for Women, Bank road, Lahore. | Punjab University | | | | | | | | | | | | | | | | | | | | | | | | |
| B.Ed. | 1998 | Govt. Education College for Women, Bank road, Lahore. | Punjab University | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Professional Experience | <ul style="list-style-type: none"> ➤ Working as Chairperson, Zoology Department, Division of science and Technology, University of Education, Township, Lahore since 01.02.2018 to 13-03-2020 ➤ Working as Assistant Professor (BS-19) in Zoology at Division of science and Technology, University of Education, Township, Lahore since 28.08.2012 to date ➤ Worked as Assistant Professor (BS-19) in Zoology at University of Education, Faisalabad Campus, Faisalabad and Incharge, Examination Section since 04.08.2009 to 27.08.2012 (03 years) ➤ Worked as Lecturer (Zoology/Biology) at Government Fatima Jinnah College for Women, Chuna Mandi, Lahore for the period October, 2008 to August, 2009. ➤ Enrolled as Tutor with Allama Iqbal Open University, Islamabad for the period 2001-2009 (8 years). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Research Experience | <ul style="list-style-type: none"> ▪ 4 years research experience upto B.S and M.Sc level in the Department of Zoology, University of the Punjab, Lahore. |
| Additional charge Duties /Responsibilities | <ul style="list-style-type: none"> ▪ Chairperson, Department of Zoology (2018-to date) ▪ Lab Incharge, Department of Zoology (2014- to date) ▪ Incharge Internal Examination, UE, Faisalabad Campus (2009-2012) |
| Courses/ Trainings attended | <ul style="list-style-type: none"> • Five day workshop attended on “Women Leadership Program” held at University of Education, Lahore on 4th to 8th March, 2017. • One day training workshop attended to assess BS Zoology Program held at University of Education, Lahore on 11th May, 2017 organized by QEC, University of Education, Lahore • Three day workshop attended on “Research proposal writing” held at University of Education, Lahore on 29th to 31st March, 2016. • Attended one day workshop on “Quantitative data analysis using SPSS” at ORIC, University of the Punjab, Lahore held on 20.02.2016 • Attended 05 days HEC’s “Indigenous on Campus (IOC) Training under Modern University Governance Program” from 15th to 19th December, 2014 at Directorate of Research, University of Education, Township Campus, Lahore • QEC Workshop (02 hours) attended on May, 2014 for Self-Assessment of BS Hons. Zoology, Division of Science and Technology, University of Education, Township, Lahore • Workshop (02 hours) attended on May, 2013 for Self Assessment of M.Sc Chemistry, Division of Science and Technology • Attended a Three days’ workshop on “National Accreditation Council for Teacher Education” from 5-7th May, 2011 convened under collaboration of UNESCO and Higher Education Commission, Pakistan • Participated in the Workshop on “Biochemical Engineering and Fermenter Applications” held at Institute of Biochemistry and Biotechnology, University of the Punjab, on 19th August 2006 |
| Seminars/ Workshops attended | <ul style="list-style-type: none"> ✓ Organize poster competition on “Waste Management Strategies” among students of 6th semester of BS Zoology, session 2016-20 on April, 16, 2019. ✓ Organize poster competition on “Effect of Radiations on Environment” among students of 6th semester of BS (Hons) Zoology, session 2013-17 on March, 2016 ✓ One day Seminar attended on “Role of physiotherapy in polycystic ovaries (PCOs)” by Dr. Neelam Ishaq on 26th Nov., 2015 held at Division of Science and Technology, University of Education, Lahore. ✓ Organize poster competition on “Ecofriendly Techniques” among students of 6th semester of BS (Hons) Zoology, session 2012-16 on May, 2015 ✓ Won 4th position (Consolation prize) in 2nd Women Inter Collegiate and University Science Symposium and Model/Poster Competition on “The Revolution of Biotechnology” held on 18th April, 2014 in Department of Biotechnology, Lahore College for Women University, Lahore. ✓ Participated in International Conference on Bio-Energy on 22-08-2014 on “Bio-Energy: Bio-Hydrogen, Bio-Methane as alternative Fuel and its conversion into CNG from the waste water” held under auspices of Lahore |

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| | <p>Chamber of Commerce and Industry and Umeed Foundation Trust.</p> <ul style="list-style-type: none"> ✓ Seminar (2 Hours) attended on 21.03.2013 on “Awareness about prevention and control Dengue fever” held in University of Education. ✓ Seminar (2 Hours) attended on 16.04.2013 on “Genetic Drift” held in University of Education. ✓ Seminar (2 Hours) attended on October, 2013 on “Awareness about Breast Cancer” held in University of Education under auspices of Pink Ribbon organization. ✓ Participated and made oral presentation in 32nd Pakistan Congress of Zoology (International) University of the Punjab, on 2012. ✓ Participated and made oral presentation in 4th National Symposium on Fisheries organized by Department of Fisheries Punjab and Pakistan Fisheries Society on March 18-19, 2009. ✓ Participated and made oral presentation in the 26th Pakistan Congress of Zoology (International) University of the Punjab, on April 4-6, 2006. ✓ Awarded Certificate of Merit on April 7, 1997, for presenting an outstanding poster entitled “Isolation and characterization of insecticide degrading bacteria” by Zoological Society of Pakistan. |
| <p>Fellowships</p> | <ul style="list-style-type: none"> ❖ Life Fellow, Zoological Society of Pakistan |
| <p>Research Specifications</p> | <p><u>M.Sc. Thesis:</u> Isolation and characterization of insecticides degrading bacteria from soil samples and industrial effluents.</p> <p style="text-align: center;">Thesis supervisor: Prof. Dr. Abdul Rauf Shakoori</p> <p><u>Ph.D Thesis:</u> Growth promoting and Bacterial Infections controlling roles of Probiotics in Rohu (<i>Labeo rohita</i>).</p> <p style="text-align: center;">Thesis supervisor: Prof. Dr. Javed Iqbal Qazi</p> |
| <p>Post Doctoral Specification</p> | <p>Genetic Studies on improving the Potential of Microorganisms for Bioethanol Production from Organic Waste.</p> <p>Supervisor: Prof. Shuichi Karita, Ph.D</p> <p>Funded by International Center for Environmental Technology Transfer (ICETT), Japan, hosted by Advanced Fusion Technology Unit, Graduate School of Regional Innovation Studies, Mie University, Mie under the program titled as “Project on Invitation to Japan for Environmental Research (PIER)”.</p> |
| <p>Research Publications (papers)</p> | <ul style="list-style-type: none"> ▪ Khalid Javed Iqbal, Arshad Javid, Noor Khan, Irfan Baboo, Ahmed Ali, Kashaf Mohsin, Azra Anwer, Usman Atique, Muhammad Altaf, Dilawar Hussain and Asma Chaudhry, 2020. Consumer attitude towards wild-caught and farm-raised fish in Bahawalpur. <i>Biologia (Pakistan)</i>, 66 (I), 11-17. ▪ Chaman Ara, Asmatullah, Zainab Riaz, Memoona, Asma Chaudhary, Shagufta Andleeb, 2020. Turmeric Plays Protective Role against Paraben Induced Hepatic and Renal Lesions in Albino Mice. <i>Punjab University Journal of Zoology</i>, 35 (1): 07-12. ▪ Chaman Ara, Asmatullah, Sehrish Kanwal, Asma Chaudhary, Ayesha Siddiquam 2020. Haematological and Histopathological Analyses of Levofloxacin Induced Toxicity in Mammals. <i>Punjab University Journal of Zoology</i>, 35 (1): 01-06. |

- Muhammad Mudassar Shahzad, Syed Makhdoom Hussain, Afia Muhammad Akram, Arshad Javid, Majid Hussain, Syed Zakir Hussain Shah and **Asma Chaudhary**, 2020. Improvement in Nutrient Digestibility and Growth Performance of *Catla catla* Fingerlings Using Phytase in Moringa oleifera Leaf Meal Based Diet. *Pakistan Journal of Zoology.*, 52(1): 157-168.
- Asma Shahzad, Mehwish Iqtedar, Hamid Saeed, Syed Zajif Hussain, Asma Chaudhary, Roheena Abdullah and Afshan Kaleem, 2019. Mycosynthesis of Size-Controlled Silver Nanoparticles through Optimization of Process Variables by Response Surface Methodology. *Polish Journal of Microbiology*, 68(1): 35–42. doi: 10.21307/pjm-2019-004 (IF.1.013)
- Mehwish Iqtedar, Myra Wasim, Roheena Abdullah, Afshan Kaleem, Ayesha Aihetasham, Asma Chaudhary, Shagufta Naz, **2019**. Synergistic effect of pretreatment, packaging and cobalt-60 gamma irradiation on nutrition and shelf life of pine nuts. *Progress in Nutrition*, 21(1): 194-201 DOI: 10.23751/pn.v21i1.7548 (IF.0.311).
- Asma Shahzad, Hamid Saeed, Mehwish Iqtedar , Syed Zajif Hussain, Afshan Kaleem, Roheena Abdullah, Saima Sharif, Shagufta Naz, Faiza Saleem, Ayesha Aihetasham and **Asma Chaudhary**, **2019**. Size-Controlled Production of Silver Nanoparticles by *Aspergillus fumigatus* BTCEB10: Likely Antibacterial and Cytotoxic Effects. *Hindawi Journal of Nanomaterials*, 2019: 1-14 (IF.2.308)
- Muhammad Aslam, Zahra Noreen, Amina Asghar, Abrar Hussain, Rashad Mehmood, Muhammad Usman Khan, Kaynat Saleem, Muhammad Tahir Hussain and **Asma Chaudhary**, **2018**. One-pot unusual synthesis and DFT studies of 3-acetyl-6-chloro-2-methyl-4-phenylquinoline and its unusual urease enhancement activity. *Biologia*, 64 (II), 187-195
- Sadia Iftikhar, Mehwish Iqtedar, Mohammad Saeed Akhtar, Roheena Abdullah, Afshan Kaleem, Ayesha Aihetasham, **Asma Chaudhry**, Shagufta Naz, and Saima Sharif, **2018**. Bacillus mojavensis BTCEB15-mediated synthesis of silver nanoparticles with mosquito larvicidal activity against vector-borne diseases. *Nanoscience and Nanotechnology Letters*, 10, 943–949 (IF. 1.512).
- Afia Muhammad Akram¹, Humera kausar, **Asma Chaudhary**, Ahmad Mukhtar Khalid, Muhammad Mudassar Shahzad, Muhammad Waheed Akhtar, Muhammad Farooq Sabar, Nadia Sajid⁶, Nawaf Al Anazi, Aamir Aleem, Zafar Iqbal, **2018**. Detection of Exon 12 and 14 Mutations in Janus Kinase 2 Gene Including a Novel Mutant in V617F Negative Polycythemia Vera Patients from Pakistan. *Journal of Cancer*, 9(23):4341-4345. doi:10.7150/jca.27414 (IF, 3.102)
- **Asma Chaudhry** and Shuichi Karita, **2017**. Screening of Yeast isolates from flowers for effective ethanol production. *Turkish journal of Biology* 41: 890-900 (IF, 0.917)
- **Asma Chaudhry** and Javed Iqbal Qazi, 2014. Probiotic Antagonism of *Sphingomonas* sp. against *Vibrio anguillarum* Exposed *Labeo rohita* Fingerlings. *Advances in Life Sciences*, **4(3)**: 156-165.
- **Asma Chaudhry** and Javed Iqbal Qazi, 2011. Prevalence of *Pseudomonas* and Lactic acid bacteria in raw milk and yogurt sampled from Lahore. *Proceeding Pakistan Congress of Zoology*, **31**: 79-87.
- **Asma Chaudhry** and Javed Iqbal Qazi, 2007. Influence of probiotic *P. pseudoalcaligenes* fermented feed on growth of rohu (*L. rohita*) finger lings. *Punjab University Journal of Zoology*, **22**:41-47.
- **Asma Chaudhry** and Javed Iqbal Qazi, 2006. Microbiological upgradation of formulated fish feed. *Proceeding Pakistan Congress of Zoology*, **26**:43-73.
- Abdur Rauf Shakoori,, **Asma Chaudhry**, and Syed Shahid Ali, 2000.

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| | <p>Carbosulfan (a carbamate) and Quinalphos (an organophosphate) degrading bacteria isolated from insecticide contaminated soil and industrial effluents have potential to clean up the environment. <i>Proceeding Pakistan Congress of Zoology</i>, 21: 199-221.</p> |
| <p>Research Projects</p> | <ul style="list-style-type: none"> ▪ Co PI for research project HEC/R&D/NRPU/2017/9727 entitled "investigation of CEBPA gene mutations and their prognostic significance in acute myeloid leukemia (AML) patients from Pakistan". (Continued) ▪ Co PI for research project 21-2047/SGRP/R&D/HEC/2018 entitled Development of economic and eco-friendly feed for the common carp and Tilapia fingerlings fed on phytase supplemented moringa by-roducts based diet. (Completed in 2019) |
| <p>(Abstracts)</p> | <ul style="list-style-type: none"> • N. Yousaf, A. Batool, A. Chaudhary, 2018. Processing of Watermelon Waste by Potassium Hydroxide Using Biorefinery Principles for Bioethanol Production. ICE-ZOOL-POS-38. ICE 2018: Science beyond Class room. 15-17 March (International). (Poster Presentation). • M. Amjad, A. Chaudhary, 2018. Optimization of Acid Saccharification by RSM and Fermentation of Mango Peels for Ethanol Production. ICE-ZOOL-POS-47. ICE 2018: Science beyond Class room. 15-17 March (International). (Poster Presentation). • Saleem, M. Tanveer, A. Chaudhary, 2018. RSM Based Optimization of Dilute Acid Hydrolyzed Pomegranate Peels for Ethanol Production. ICE-ZOOL-POS-61. ICE 2018: Science beyond Class room. 15-17 March (International). (Poster Presentation). • I. Khushi, A. Chaudhary, 2018. Screening of Indigenous Ethanologen to Ferment Cellulose and Xylose from Fruit Waste. ICE-ZOOL-OL-256. ICE 2018: Science beyond Class room. 15-17 March (International). (Oral Presentation). • A. Batool, N. Yousaf, A. Chaudhary, 2018. Bioethanol Production by Developing Watermelon Based Biorefinery and Acidic Scarification. ICE-ZOOL-OL-34. ICE 2018: Science beyond Class room. 15-17 March (International). (Oral Presentation). • M. Tanveer, A. Chaudhary, 2018. Pomegranate Hydrolysate Conversion to Bioethanol Leading Towards Waste Management. ICE-ZOOL-OL-35. ICE 2018: Science beyond Class room. 15-17 March (International). (Oral Presentation). • Chaudhary, A. Qazi, J.I. and Pervaiz, H., 2013. Effect of <i>sphingomonas</i> sp. on survival and biochemical constituents of <i>Labeo rohita</i> fingerlings. Abstract submitted to 34th Pakistan Congress of Zoology (International). • Rasool, F., Rafique, A., Chaudhary, A. and Qazi, J.I., 2013. Influence of probiotics on survival and body composition of <i>Labeo rohita</i> Fingerlings. Abstract submitted to 34th Pakistan Congress of Zoology (International). • Chaudhary, A. and Karita, S., 2012. Isolation and characterization of yeast strains from flowers and its evaluation for alcohol production. Abstract (CBGP 99), 32nd Pakistan Congress of Zoology (International). • Chaudhary, A. and Qazi, J.I., 2009. Effect of bacterially fermented feed on growth of <i>rohu</i> fingerlings in laboratory conditions. 4th National Symposium on Fisheries, March 18-19, 2009. • Choudhry, A. and Qazi, J.I., 2008. Effect of a probiotic <i>Pseudomonas pseudoalcaligenes</i> fermented fish feed On body composition of <i>Labeo rohita</i> fingerlings. Abstract (CBGP 67), 28th Pakistan Congress of Zoology |

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| | <p>(International).</p> <ul style="list-style-type: none"> • Choudhry, A. and Qazi, J.I., 2008. The probiotic potential of two Pseudomonads against <i>Vibrio anguillarum</i> and <i>Pseudomonas fluorescens</i> in <i>Labeo rohita</i> fingerlings. Abstract (CBGP 68), 28th Pakistan Congress of Zoology (International). • Choudhry, A. and Qazi, J.I., 2007. Antagonistic probiotic potential of two <i>Pseudomonas</i> strains against fish pathogens <i>Vibrio anguillarum</i> and <i>Pseudomonas fluorescens</i> <i>in vitro</i>. Abstract (CBGP 37), 27th Pakistan Congress of Zoology (International). • Choudhry, A. and Qazi, J.I., 2007. <i>P. pseudoalcaligenes</i> fermented fish feed accelerate the growth of rohu (<i>L. rohita</i>). Abstract (CBGP 38), 27th Pakistan Congress of Zoology (International). • Choudhry, A. and Qazi, J.I., 2006. Microbiological upgradation of commercial fish feed. Abstract (CBGP 11), 26th Pakistan Congress of Zoology (International). April 4-6, 2006. |
| <p>Research Paper Reviewed</p> | <ul style="list-style-type: none"> • Review the manuscript 1022 entitled "Termiticidal Activity of Mycosynthesized Silver Nanoparticles from <i>Aspergillus fumigatus</i> BTCB15" submitted to Revista Mexicana de Ingenieria Quimica (2019) • Review the manuscript GNPL-2019-1658 entitled "Production of Bioactive Compounds from Rainbow Trout (<i>Oncorhynchus mykiss</i>) Waste using Animal and Plant Enzymes" submitted to Natural Product Research (2019) • Review the manuscript ANU-19-028 entitled "Sodium Alginate Supplementation modulates Gut Microbiota, Health Parameters, Growth-related Gene Expression in Malaysian Mahaseer <i>Tor Tambroides</i>" submitted to Aquaculture Nutrition (2019) • Register as Reviewer with Bioscience Journal (2019) • Provide expertise to review paper IRJPEH-14-102 entitled "PCR-RFLP, OMPs profiling of <i>Vibrio alginolyticus</i> isolates recovered from marine biotopes submitted to International Research Journal of Public and Environmental Health (2014). • Provide expertise to review paper IJAPR-14-236 entitled "Isolation and identification of Lactic Acid Bacteria from feces of Young Calves as a Potential Candidate of Probiotic" submitted to International Journal of Agricultural Policy and Research (2014). • Provide expertise to review paper 38-13-fruit juices-rev entitled " Incidence of <i>E. coli</i> O157: H7 in Fresh Fruit Juices of Street Vendors from Different Areas of Lahore City, Pakistan submitted to Biologia, Pakistan (2013). • Provide expertise to review paper entitled Photo-biohydrogen production potential of Rhodobacter capsulatus-PK from Wheat Straw submitted to Biotechnology for Biofuels by Saima S Mirza, Javed I Qazi, Quanbao Zhao and Shulin Chen (2013). • Review the manuscript BMCB-2011-0042, entitled "Biotechnological potential and conservatory of extremophiles from climatically wide ranged developing countries: Lesson from Pakistan." for Critical Reviews in Microbiology (2012). • Provide expertise to review paper 011-30 entitled "Construction of low cost filters for microbiological purification of drinking water." submitted to |

| | Caspian Journal of Environmental Sciences (2011). |
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| BS Thesis completed | <ul style="list-style-type: none"> • BSZOOOL-F15-M02, Yusra Baig d/o Shahbaz Baig, Session 2015-19 (Morning), Assessment of Antimicrobial Potential of synthetic Schiff bases and their metal complexes • BSZOOOL-F15-M04, Aqsa Liaqat d/o Liaqat Ali, Session 2015-19 (Morning) Microbicidal Activity of Metallic Derivatives of Amines • BS-ZOOOL-F15-M06, Iram Mukhtar d/o Mukhtar Ahmed, Session 2015-19 (Morning) Evaluation of Bacterial Growth Inhibition against Divalent Metallic compounds of Schiff base • BS-ZOOOL-F15-M18, Aqsa Ashraf d/o Muhammad Ashraf, Session 2015-19 (Morning), Biological Screenig of Synthetic Compounds having Azomethine linkage • BS-ZOOOL-F15-M25, Sadia Afzal d/o Muhammad Afzal, Session 2015-19 (Morning) Estimation of Minimal Inhibitory Concentration against Ligand and metal (II) Complexes • BSZOOOL-F14-M06 Aimen Batool. Screening of Fructose degrading bacteria as ethanologen from rotten fruit • BSZOOOL-F14-M07 Mobeen Naz Potential of Cellulose degrading bacteria for effective ethanol production • BSZOOOL-F14-M18 Hafiza Aqsa Mahmood Application of ethanologenic bacteria on xylose as substrate • BS(Hons.)Zool– F12–M06 Ayesha Nazir Bioethanol production from water melon waste pulp, A step towards Biorefinery • BS(Hons.)Zool– F12–M13 Sonia Pervaiz Potential of yeast isolates for ethanol production from mango and banana peels • BS(Hons.)Zool– F12–M21 M. Hassan Nasim Bioethanol production from acid hydrolysate of banana peels • BS(Hons.)Zool– F12–M36 Nida Siddique Water melon peels: a promising raw material for ethanol Production • BS(Hons.)Zool– F12–M43 Ambreen Ijaz Use of Melon peels for ethanol production as remedy for waste management • BS(Hons.)Zool– F12–M44 M. Amjad Optimization of acid saccharification by RSM and fermentation of mango peels for Ethanol production • BS (Hons.)Zoology F-11-M-19 Iqra Khushi D/O Khushi Muhammad Influence of probiotics on the structure and growth of scales in Rohu fingerlings • BS (Hons.)Zoology F-11-M-34 Nadia Yousaf D/O Muhammad Yousaf Optimization of Acid hydrolysis for ethanol production using RSM from mango peels • BS (Hons.)Zoology F-11-M-40 Asma Akram D/O Muhammad Akram Application of RSM for optimization of Acid hydrolysis of banana peels • BSZOOOL-B.Ed-09-M09 Huma Pervaiz, Effect of <i>Sphingomonas sp.</i> on body composition in <i>Vibrio anguillarum</i> exposed rohu fingerlings. • BSZOOOL-B.Ed-09-M25 Attia Rafique, Body composition of <i>Labeo rohita</i> fed with probiotic supplemented diet when challenged with fish pathogen. |

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| | <ul style="list-style-type: none"> • BSZOOOL-B.Ed-09-M27 Faiza Rasool, Probiotic effect on body composition parameters of rohu exposed to <i>Pseudomonas fluorescens</i>. |
| BS Thesis in Process | <ul style="list-style-type: none"> • 16-UE-02068 Sonia Shafi d/o Muhammad Shafi Session 2016-20 (Morning) Evaluation of ethanologenic potential of cellulose degrading bacteria employing second generation biomass • 16-UE-02087 Areeba d/o Muhammad Boota Session 2016-20 (Morning) Study of efficient cellulases for biomass hydrolysis • 16-UE-02070 Arfa Amjed Amjed Rehman Session 2016-20 (Morning) Production of xylanases from ethanologenic bacteria using lignocellulosic biomass • 16-UE-02080 Mariam d/o Muhammad Jafar Session 2016-20 (Morning) Bioconversion of fructose based fruit waste into ethanol • 16-UE-02065 Iqra Shaheen d/o Muhammad Akram Session 2016-20 (Morning). Screening of efficient fructose degrading bacterial ethanologen |
| MS Theses completed | <ul style="list-style-type: none"> • 17-UE-02601, Qandeel Minahal d/o Baber Saleem, Session 2017-19 Response Surface Methodology Based Optimization of Watermelon (<i>Citrullus lanatus</i>) Hydrolysate Fermentation from Selected Yeast Isolates • msf1600089 Iram Noor Watermelon hydrolysate fermentation for optimum ethanol production • msf1600090 Aneela Azeem Optimization of yeast fermentation from pomegranate waste for bioethanol production • MPhil Zool– F15–E03 Ayesha Saleem Pomegranate waste management by bioethanol production • MPhil Zool– F15–E04 Nadia Yousaf Processing of watermelon waste for bioethanol production by applying biorefinery concept • MPhil Zool– F15–E08 Maryum Tanveer Pomegranate waste management for bioethanol production by alkaline saccharification • MPhil Zool– F15–E09 Ayesha Salelqra Khushi Screening of indigenous ethanologen to ferment cellulose and xylose from fruit waste • MPhil Zool– F15–E14 Atika Batool Watermelon based biorefinery for bioethanol production |
| MS theses in process | <ul style="list-style-type: none"> • 18-UE-00744/Roll No. msf1800090 Sajid Ali Frequency of AML1-ETO t(8;21) Fusion Oncogene in Pakistani Acute Myeloid Leukemia Patients • 18-UE-01372/Roll No msf1800175 Amara Rasheed |

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| | <p>Frequency of PML-RARA t(15;17) Fusion Transcripts in Pakistani Acute Myeloid Leukemia Patients</p> <ul style="list-style-type: none"> 17-UE-07734, Shakeel Masih s/o Munir Masih, Session 2017-19 <p>Optimization of Batch Fermentation Process by Using Response Surface Methodology from Pomegranate (<i>Punica granatum</i>) hydrolysate</p> |
| <p>Book Published.</p> | <ul style="list-style-type: none"> Asma Choudhry and Javed Iqbal Qazi (Author), 2012. Growth and Health Promoting Roles of Probiotics in <i>Labeo rohita</i>. LAP Lambert Academic Publishing GmbH & Co.KG. Germany. ISBN: 978-3-8484-1867-1. |
| <p>Duties Performed At UE, Lahore</p> | <p>Board of Studies</p> <ul style="list-style-type: none"> Member BoS Division of Science and Technology, UE (2018-to date) Convener BoS Department of Zoology, Division of Science and Technology, UE (2018-to date) <p>Committees</p> <ul style="list-style-type: none"> Member of University Ethical Committee regarding research in Natural Sciences (2017-todate) Member of University Dengue control (2018-todate) Member Dengue control Committee for Division of Science and Technology (2012) Member of plagiarism Committee to solve one issue about thesis plagiarism (2017) Member Auction Committee, Division of Science and Technology (2017) <p>Examinations</p> <ul style="list-style-type: none"> Internal examiner for Comprehensive Exam (2013 -to date) Member of UMC (unfair mean cases) committee f (2013-15) <p>Admission</p> <ul style="list-style-type: none"> Chairperson admission committee Fall for Division of Science and Technology (2017) Convener/Member of admission committee for BS (2013-2019) /Convener/Member of MS Interview Admission Committee Fall (2017 2019) Member M Phil/MS Committee for admission (2017-2019) <p>Purchase</p> <ul style="list-style-type: none"> Co-opted member for Purchase Committee (2014- todate) Member Procurement Committee (2018) Member Inspection Committee for research project NRPU9727 (2019) Member Inspection Committee for research project SRGP 2047 (2019) <p>Sports</p> <ul style="list-style-type: none"> Convener/Member Sports Committee (2016-2019) <p>Curriculum</p> |

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| | <ul style="list-style-type: none"> • Courses Design for PhD curriculum (2019) • Member Curriculum Committee for PhD (2018-2019) • Member of committee for revision of Zoology curriculum for BS Hons. and M. phil classe (2016) <p>MS</p> <ul style="list-style-type: none"> • Convener Dissertation Review Committee for MS of MS Synopsis Review Committee (2015-19) • Member of Committee for QAA review of MS program of University of Education by HEC, 2017 <p>Program Assessment</p> <ul style="list-style-type: none"> • Convener/Member of Assessment Team (ATs) (2010-2017) Co-opted member for Purchase Committee <p>Conference</p> <ul style="list-style-type: none"> • Member Management Committee for ICE 2018: Science beyond Classroom |
| Language Expertise | <ul style="list-style-type: none"> • English • Urdu • Punjabi |
| Hobbies | Reading books, magazines, journals etc. |
| References | <ul style="list-style-type: none"> ▪ Dr. Javed Iqbal Qazi, Professor in Zoology, Chairman, Department of Zoology, University of the Punjab, Lahore +923334344830, qazi.zool@pu.edu.pk ▪ Dr. Asmatullah Professor in Zoology, Department of Zoology, University of the Punjab, Lahore +923009437230, dr.asmatullah@gmail.com ▪ Dr. Najma Arshad Professor in Zoology, Department of Zoology, University of the Punjab, Lahore +923324421089, najmaarshad.zool@pu.edu.pk ▪ Shuichi Karita, Ph D Professor Graduate School of Bioresources, Mie University 1577 Kurimamachiya, |

| | |
|--|--|
| | Tsu, 514-8507, Japan + 81-59-231-9619, karita@bio.mie-u.ac.jp |
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Co-Principal Investigator for research project under NRP 9727 (6.172 M PKR)
Higher Education Commission Sep 25, 2018

Co-Principal Investigator for Research project under start up research grant
program (0.47M PKR) Higher Education Commission Sep 11, 2018

Certificate of Merit on presenting an outstanding poster with 2nd position
Zoological Society of Pakistan Apr 07, 1997