

Department of Food Technology,
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Dr. ASIF AHMAD

Career Summary

Excellent academic records and experience in teaching various courses in Food sciences, Nutrition and related fields. Have outstanding experience of assisting seniors, professors and mentoring students. Having demonstrated research experience backed with dissertation. I am also skilled in teaching students with practical examples and have greater abilities to prepare syllabus, deliver lecture, making presentations, scientific publications and hold group conversation on related-topic with students and peers.

Professional experience

Professor (Food Technology)

Dec 10, 2015 – To date

PMAS_ Arid Agriculture University Rawalpindi, Pakistan

- Prepared and delivered lectures in the field of Food Technology at under graduate and post graduate level.
- Supervised the research activities of undergraduate and postgraduate students, and assisted in thesis write up at post graduate level.
- Serving as member in curriculum committees in Nutrition and Food Sciences.
- Planned course syllabus to inform students of material assignments and course requirements
- Researched new techniques and strategies in field of Food sciences and Nutrition and presented findings to other researchers and academicians
- Reviewed Food technology Book, Published by University of Agriculture Faisalabad
- Reviewed Book on Beverage technology purpose to publish by Elsevier Publishers.
- Reviewed curriculum currently in use by the university to determine whether updates were needed
- Served on Editorial board of several international journals in field of Food Science and Nutrition

Adjunct Researcher – Ton Duc Thang University

June 2015 – To date

[Adjunct Researcher Ton Duc Thang University \(Vietnam\)](#)

POSTDOC SCHOLAR (Fulbright Fellow)

March 18, 2014 To March 13, 2015

Worked as Research scholar (postdoc) on Fulbright exchange visitor program at OARDC OHIO – USA. Some work performed in USDA designated labs (Avalied Sabbatical Leave from PMAS-Arid Agriculture University during this period)

Associate Professor

May 28, 2010 – Dec 10, 2015

PMAS_ Arid Agriculture University Rawalpindi, Pakistan

- Prepared and delivered lectures in the field of Food Technology at under graduate and post graduate level.
 - Supervised the research activities of undergraduate and postgraduate students, and assisted in thesis write up at post graduate level.
 - Serving as member of supervisory committee of post graduate students for research and thesis in various disciplines.
 - Managed resources of labs
 - Involved in preparation of departmental budgets
 - Prepared, administer and grade examinations, laboratory assignments and reports
 - Prepared and reviewed tests in discipline of Food science& Technology for national testing services (NTS) Pakistan.
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Assistant Professor

December 2005–May 2010 PMAS_ Arid Agriculture University Rawalpindi, Pakistan

- Prepared and delivered lectures in the field of Food Technology at under graduate and post graduate level.
 - Supervised the research activities of undergraduate and postgraduate students, and assisted in thesis write up at post graduate level.
 - Serving as member of supervisory committee of post graduate students for research and thesis in various disciplines.
 - Worked on sophisticated analytical equipments like HPLC, Atomic absorption spectrophotometer, Fourier Transform infra red spectrophotometer (FTIR).
 - As member of board of studies, developed new coursework for both undergraduate and post graduate classes.
 - Prepared, administer and grade examinations, laboratory assignments and reports
 - As laboratory in-charge, maintenance and up gradation of laboratories.
 - Managed the resources at various laboratories of Food Technology department.
 - Suggested and worked for new food product development by utilizing local resources.
 - Managed and supervised activities in labs and Food processing unit.
 - Involved in preparation of departmental budget for running various activities of department.
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Lecturer

1998–2005

University of Arid Agriculture Rawalpindi, Pakistan

- Teaching of different courses in the field of Food Technology at under graduate and post graduate level.
- To supervise the research activities of undergraduate and postgraduate students, and also to assist in thesis write up at post graduate level.
- Serving as member of supervisory committee of post graduate students in various disciplines.
- As member of board of studies, development of new coursework for both undergraduate and post graduate classes.
- Prepared, administer and grade examinations, laboratory assignments and reports
- As lab in-charge, maintenance and up gradation of lab.

- As Hostel Superintendent deals with all management affairs of hostel and boarder students.
- Assist in establishment and working of Food processing research and training lab in university.
- Implemented short training courses for local community for speeding profitability and poverty alleviation.

Trainee Officer

1997–1998

Habib Sugar Mills

Nawabshah, Pakistan

- Gained knowledge of sugar production and processing operation.
- Run a biological laboratory independently that deals with biological control of insects/pests of sugar cane.

Summary of qualifications

2004–2009

University of Agriculture

Faisalabad, Pakistan

PhD Food Technology.

CGPA 3.83 / 4.00

1995-1997

University of Agriculture

Faisalabad, Pakistan

M.Sc (Hons) Food Technology.

CGPA 3.93 / 4.00

1990-1995

University of Agriculture

Faisalabad, Pakistan

B.Sc (Hons) Agriculture Major Food Technology. **CGPA 3.64 / 4.00.**

1988-1990

F.Sc (Pre-Medical)

Ist Division

1988

Matric

Ist Division

Computer Skills

- DOS, Word Perfect, Windows98, MS-Word, MS-Excel, Power Point, Ms-Access , Turbo C.
- MStatc, Minitab, SPSS, R- Studio, iNZight, Statistix8.1 (Statistical Software).
- Six month Certificate course in Oracle database management (Developer Track) from Barani Institut of Information Technology, Pakistan organized by PITB. Courses covered were Fundamentals of computers, Networking Essentials, Visual Basic, Oracle Developer (SQL/PL-SQL, Forms 4.5, and Repo 2.1. Also completed a project Titled as “Retail store Management System.”
- Endnote X5 , Mendeley - Citation and referencing software

Data Science Projects

https://asifahmad.shinyapps.io/Coursera_Project/

<https://asifahmad.shinyapps.io/Pres7/>

Online Courses and Certifications

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| ➤ Fundamentals of Human Nutrition | ➤ Statistical Inference |
| ➤ Critical Thinking in Global Challenges | ➤ Regression Models |
| ➤ The Data Scientist's Toolbox | ➤ Histology |
| ➤ R Programming | ➤ The Science of Nutrition |
| ➤ Getting and Cleaning Data | ➤ Nutrition and Well being |
| ➤ Exploratory Data Analysis | ➤ Liver disease: Looking after your liver |
| ➤ Reproducible Research | ➤ Heart Health: A Beginner's Guide to Cardiovascular Disease |

Trainings/ Workshops/ Conferences

- Attended 13th Annual Fulbright & Humphrey Alumni Conference at the Higher Education Commission of Pakistan (HEC) Islamabad from 2 – 4 December 2016. Theme of the conference was “Agents of Change”.
- Attended World Food Day 2016 at PMAS-AAUR, 20 October 2016. Delivered a lecture on “Importance of World Food Day”.
- Attended 12th Annual Fulbright & Humphrey Alumni Conference at the National University of Sciences & Technology (NUST) Islamabad from 4 – 6 December 2015. Theme of the conference was Innovation for Development – Towards a Sustainable Future. Paper presented “Transformation of Agriculture in Pakistan”.
- Attended Joint meeting of the Soft Wheat Quality Laboratory Research Review and Soft Wheat Quality Council held at Indiana polis, OHIO –USA . March 3-4, 2015. Presented Research on Wheat in Pakistan and Non- chemical extraction of dietary fiber.
- Attended Seminars on Climate Change and the Plight of the Oceans - Fulbright Enrichment Seminar held at St. Petersburg and the Tampa Bay area, Florida –USA. November 5, 2014 to November 9, 2014.
- Attended IFT Annual Conference at NewOrleans- Louisiana, **USA June 21–24, 2014.**
- Attended 2nd International Conference on “Future Perspectives of Food Processing Industries in Pakistan and 2nd Food and Nutrition Expo – 11-12 December, 2012 at GC University, Faisalabad, Pakistan. Paper presented “Medicinal and Nutritive Attributes of Linseed by Asif Ahmad, Mehmood Tahir, KHAN AS, Wakeel Ahmad”
- Attended International 3rd International conference of Botany held at Quaid-e-Azam University Islamabad – September 1-3, 2012. Paper presented “chemical composition and sensory evaluation of tea (*camellia sinensis*) commercialized in pakistan by Asif Ahmad, Muhammad Adnan, Imran Hayat”
- National conference on Agriculture and Food security issues in global environmental prospective. Held at The university of Poonch Rawalakot on 11-13 July 2012.
- Attended International Bio-energy conference held at PMAS-Arid Agriculture University Rawalpindi – April 18-20, 2012. Paper presented “Prospects of Dairy Waste for production of ethanol by Farzana Siddique, Asif Ahmad, Muhammad Gulfraz”

- Attended Training workshop on IFS-6 held at Lahore 21-24 May, 2012
- Presented paper entitled “Antimicrobial activity, phytochemical profile and trace minerals of black mulberry (*Morus nigra* L.) fresh juice” in International Workshop on Medicinal Plants: Conservation & Sustainable Use held at Quaid-i-Azam University Islamabad on 8-10 December 2011.
- All Pakistan Food science conference held at NIFSAT , UAF on 14 Nov 2011.
- Workshop on "olive cultivation- profitable business" PMAS-AAUR on 28 July 2011.
- Attended research workshop on "Citation and referencing in Research using Endnote X5" held at PMAS_Arid agriculture University Rawalpindi. August 25, 2011.
- Attended international workshop on "Climate Change and Sustainability of Agro-Environment: Challenges & Interventions" held at PMAS_Arid agriculture University Rawalpindi. June 3-4, 2010
- Attended national training course on the Food safety management system ISO 22000: 2005 for auditors / Lead auditors held at Lahore. May 10-13, 2010.
- International workshop on Modern Techniques in Molecular Biology.
- Attended workshop on Dynamic learning Skills at Learning Innovation Division HEC, Islamabad from December 14-17, 2009.
- Attended International conference on human nutrition, held at Faisalabad from 22 -25 February, 2010.
- Industrial training in Yummy milk Products Lahore, Pakistan.
- Industrial training in Crescent sugar Mills Faisalabad, Pakistan.

Professional memberships

- Member of IFT
- Member of Pakistan Society of Food Scientists and Technologists.
- Pakistan Botanical Society
- Senior Member of Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBES)
- Member of The European Federation of Food Science & Technology (EFFoST)
- Member of The International Society for Environmental Information Sciences (ISEIS)
- Member of the International Association of Engineers (IAENG)

Journal Reviewer/Member Editorial board

- [Member Editorial board Journal of plant biology and & soil health.](#)
- [Member Editorial Board Journal of Plant Health and Technology](#)
- [Member Editorial Board EC Nutrition \(UK\)](#)
- [Member Editorial Board International Journal of Food Science and Nutrition.](#)
- [Member Editorial Board Open Agriculture Journal in Food Science \(OAJF\)](#)
- [Member Editorial Board Food Science & Nutrition Technology \(FSNT\)](#)
- [Member Editorial Board \(Editor\) SciFed Journal of Herbal Medicine](#)
- [Member Editorial Board Future Research in Food Processing and Technology](#)
- [Member Editorial Board Enliven Archive](#)
- [Member Editorial Board Chronicle Journal of Food and Nutrition](#)
- [Member Editorial Board \(Editor\) SciFed Journal of Herbal Medicine](#)
- [Member Editorial Board Future Research in Food Processing and Technology](#)
- [Member Editorial Board IJOABS.](#)

- Reviewer of International Journal of Food Science and Technology (UK).
- Reviewer for African Journal of Food Science and Technology.
- Reviewer for Pakistan Journal of Agricultural Sciences.
- Reviewer for Journal of Chemical Society of Pakistan.
- Reviewer for Journal of Agricultural research.
- Reviewer of Critical Reviews in Food Science and Nutrition.
- Reviewer of Chinese Journal of Natural Medicines.
- Reviewer of International Journal of Food Properties.
- Reviewer Science Research Association (SCIREA)

Distinctions

- Win Indigenous PhD scholarship from Higher education commission (HEC), Pakistan.
- Win University merit scholarship from University of Agriculture, Faisalabad, Pakistan.
- Win Fulbright fellowship for postdoc in USA
- HEC Approved supervisor to conduct PhD Research at University level.
- Win Research productivity award 2012
- Win Research productivity award 2014

Thesis

- Extraction, Characterization and Utilization of β -glucan. (PhD Thesis)
- Chemical Preservation of Tomato Concentrate Prepared by Cold Break Method. (MSc Thesis).
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Ph.D Thesis supervision (Principal Supervisor)

S.N O	Name	Year	Status	Title
1	IMRAN HAYAT	2014	COMPLETE	Extraction, characterization and utilization of phaseolus vulgaris protein
2	SUMAIRA KHALID		IN PROCESS	Evaluation of nutraceutical potential of ajwa dates
3	MUHAMMAD KALEEM		IN PROCESS	Extraction and characterization of Nutraceuticals from Carissa opaca
4	Tauseef Azam		IN PROCESS	Evaluation and Remediation of water from Rawalpindi and Islamabad
5	Suhail Ibrahim			Dietary fiber extraction through ultrasonication and its characterization

Ph.D Thesis supervision (Co-Supervisor)

S.NO	Name	Year	Status	Title
1	Mudassir Ali Qazalbash		IN PROCESS	Screening for the selection of probiotics culture from yak milk for fermented milk product
2	Kashif Sarfraz Abbasi	2012	Completed	Influence Of Packaging Materials And Storage Conditions On The Quality Attributes Of Potato (Solanum Tuberosum L.) Tubers

Personal

Name: Dr. Asif Ahmad

Father Name: Muhammad Idris

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