

# Curriculum vitae

## Personal Information

NAME	Sana Hanif
FATHER'S NAME	Muhammad Hanif
PRESENT STATUS:	Lecturer
DEPARTMENTAL ADDRESS:	Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.
NATIONALITY:	Pakistani
EMAIL:	<a href="mailto:sana.iags@pu.edu.pk">sana.iags@pu.edu.pk</a> , <a href="mailto:sana.hanif10@gmail.com">sana.hanif10@gmail.com</a>

## Educational qualification

Msc (Hons)(Agriculture) <b>(Gold medal)</b>	2007-2009	Plant Pathology	University Of The Punjab
Bsc (Hons)(Agriculture) <b>(Gold medal)</b>	2003-2007	Plant Pathology	University Of The Punjab
FSc (pre-medical group)	2000-2002	biology, physics, chemistry	Lahore Board
Matric (Science group)	2000	biology, physics, Chemistry, maths	Federal board

## Professional Qualification

1. **New faculty orientation program** 2010, held at the Institute of Administrative Sciences, from 5<sup>th</sup> to 8<sup>th</sup> July 2010.
2. **Four-week course in professional competency enhancement program for teachers** (PCEPT) arranged by the HEC, held at IER, Punjab University, from 28<sup>th</sup> June to 27<sup>th</sup> July 2010
3. Two-weeks training course **on Advanced Analytical Techniques for Sustainable Development** at Pakistan Institute of Nuclear Science & Technology (PINSTECH), Islamabad, from 20.09.2010 to 01.10.2010.
4. One-day workshop on **Using SPSS for Quantitative Data Analysis** held on May 12, 2012 at UMT-Lahore.

5. Two day training on **Literature Review Made Easy**-using endnote and nvivo software for citation and writing excellent review held on December 14-15, 2012 at UMT- Lahore.
6. Participation in one day seminar on Developing **Local Food Additives/Preservatives** held on **22, November, 2012** organized by University of the Punjab.
7. Two day training on core **Modules of Professional Development and Communication Skills** held on 19-20 June, 2013 organized by HEC and University of the Punjab.
8. Short course in MS office.

## Job experience

MONTH /YEAR	DESIGNATION	INSTITUTION
October 2005 to January 2006	<b>Internee</b>	Pakistan Council Of Scientific Research & Industrial Research, Laboratories Complex, Lahore, Pakistan
July2008 to May2009	<b>Research scholar</b>	Pesticide Residue Laboratory, Kala Shah Kaku, Lahore, Pakistan
April 2010 to Now	<b>Lecturer</b>	Institute of Agricultural Sciences, University of the Punjab, Pakistan

## Subjects taught

### At postgraduate level

- Phytobacteriology
- phytonematology

### At graduate level

- Lower fungi
- Abiotic diseases of plants
- Food and nutrition
- Plant anatomy and taxonomy
- Introduction to plant parasitic nematodes

## Awards, Prizes and other professional achievements

- Merit scholarship was awarded throughout BSc( Hons) (4 years)
- Merit scholarship was awarded in 1<sup>st</sup> year MSc (Hons)
- Research scholarship was awarded in 2<sup>nd</sup> year of MSc (Hons)
- Distinction in Bsc. (hons) 4 years programme (Gold medal)
- Distinction in Msc. (hons) 2 years programme (Gold medal)

## Membership of professional societies

- Member of Pakistan Phytopathological Society (PPS).
- Member of Myco phytopathological Society of Pakistan (MYCOPS).

## Key publications

1. Shazia Shafiq, Sobia Shafiq, Rukhsana Bajwa, Nosheen Akhtar and Sana Hanif. 2011. Fungitoxic activity of aqueous and organic solvent extract of *Tagetes erectus* on phytopathogenic fungus *Ascochyta rabiei*. *Pakistan journal of Botany*, 43(1): 59-64.(**impact factor= 0.947**)
2. Amna Ali, Sana Hanif, Rukhsana Bajwa and Rasheda Jabeen. 2011. Assessing Enzyme Activity of *Trichoderma* Species. *International Journal of Biology and Biotechnology*. 8(3): 377-381.(**HEC recognized**)
3. Amna Ali, M. Saleem Haider, Sobia Mushtaq, Ibatsam Khokhar, Irum Mukhtar, Sana Hanif and Nosheen Akhtar. 2012. In vitro, controlling the establishment of *Xanthomonas campestris* with different bacterial bio-agents. *Global Advanced Research Journal of Microbiology*. 1(8):136-140.
4. Amna Ali, Muhammad Saleem Haider, Sana Hanif , Nosheen Akhtar, Muhammad Ashfaq,2013,Bio-control of bacterial species isolated from diseased citrus fruits by methanolic extracts of weeds in vitro. *European Journal Of Experimental Biology*, 3(1): 1-9
5. Amna Ali,Muhammad Saleem Haider and Sana Hanif,Biocontrol assays of plant pathogenic assays of plant pathogenic bacteria with different solvents of *Datura Alba* Nees *Pak. JOURNAL OF WEED SCIENCE RESEARCH.*,19(3): 295 - 303, 2013. (**HEC Recognized**)

6. Amna Ali, Muhammad Saleem Haider, Sana Hanif, 2013, analysis of bacterial diversity in Agronomic crops from Pakistan. Bangladesh Journal of Botany. (accepted) (**impact factor = 0.24**).
7. Sana Hanif, Amna Ali, 2013, Growth promotion of tomato by using native bacillus strains, International Journal Of Agricultural Biology.(to be submitted)
8. Sana Hanif, Rukhsana Bajwa, Motasim Billa, Imran Latif ,Gulam Abbas Mand, 2013, Dissipation studies of two benzimidazol fungicides viz., thiophanate methyl and carbendazim on tomato fruit in Punjab, Pakistan, International Journal Of Agriculture and Biology, ( to be submitted)

### **Short communication**

Sana Hanif, Sumera Naz, Amna Ali, 2013. A Quick Method for Genomic DNA Isolation from Bitter Gourd (*Momordica charantia*) Samples Suitable for Downstream Analysis, International Journal of Agriculture and Biology (submitted)

### **Books published**

1. Sana Hanif, Amna Ali, 2011, Benzimidazol Fungicides against Late Blight and Residual Analysis: Efficacy and Dissipative Studies, Lap Lambert Academic Publishing GmbH & Co. KG.
2. Amna Ali, Sana Hanif, 2011, Study of *Trichoderma* Species from Lahore, Pakistan: Genomic and Biochemical Assays, Lap Lambert Academic Publishing GmbH & Co. KG.
3. Amna Ali, Nosheen Akhtar, Sana Hanif, Study of Micromycetes: Isolation, Cultivation Purification, Identification and Preservation, 2011, Lap Lambert Academic Publishing GmbH & Co. KG.

### **Conferences attended /Oral presentations in conferences**

1. **“3rd International Conference on Plant Pathology & 7th Biennial Meeting of Pakistan Phytopathological Society”** organized by the Department of Mycology & Plant Pathology, University of the Punjab, Lahore in collaboration with Higher Education Commission (HEC) Pakistan; National Core Group in Life Sciences, Pakistan, National Commission on Biotechnology (NCB), Pakistan; Pakistan Science Foundation (PSF); Pakistan Agricultural Research Council (PARC); & University of the Punjab, Lahore; Pakistan. 19th to 21st November, 2007 **as organizer.**
2. Oral Paper presentation in International Conference on Emerging Issues in Food Safety ,**14-16,November, 2011**,organized by National Institute of Food Sciences & Technology,University of Agriculture, Faisalabad-38040,Pakistan. **Title: Evaluation of Half Life and Withholding Period of Two Frequently Used Fungicides Viz., Thiophanate Methyl and Carbendazim On Tomato Fruit**

**In Punjab, Pakistan.**

3. Oral Paper presentation in 1<sup>st</sup> International Conference on Safe Food and Human Health, **10-11 Jan, 2012, organized by:** Department Of Food Science, Government College University, Faisalabad, Pakistan. **Title: Residual Analysis of Different Fungicides In/On Tomato Fruit.**

### **Abstracts published (in conferences)**

1. **Title: Evaluation of Half Life and Withholding Period of Two Frequently Used Fungicides Viz., Thiophanate Methyl and Carbendazim On Tomato Fruit In Punjab, Pakistan** in abstract book of International Conference on Emerging Issues in Food Safety organized by National Institute of Food Sciences & Technology, University of Agriculture, Faisalabad-38040, Pakistan.
2. **Title: Residual Analysis Of Different Fungicides In/On Tomato Fruit** in abstract book of 1<sup>st</sup> International Conference on Safe Food and Human Health, 10-11 Jan, 2012, organized by: Department Of Food Science, Government College University, Faisalabad, Pakistan

### **Research / Technical projects**

1. Investigations on Biodiversity of Nematodes Associated with Potato in Major Potato Growing Regions of Punjab and their Biocontrol. funded by University of the Punjab, Lahore, Pakistan, 2011-12. (1.25 lac)(completed)
2. Screening of Bacterial Bioagents for their Ability to Induce Cold Stress Tolerance in Tomato (*Lycopersicon esculentum* Mill.), University of the Punjab, Lahore, Pakistan, 2012-13. (1.25 lac).(ongoing)
3. Enhancing resistance of rice against bacterial leaf blight and rice blast by fluorescent *Pseudomonas* and *Bacillus* sp., University of the Punjab, Lahore, Pakistan, 2013-14. (1.25 lac) (proposed)

### **References**

References may be furnished on demand.