

CURRICULUM VITAE

MURAD ALI



Lecturer
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CAREER OBJECTIVES

My research interest in Microbiology include; Microbial Diversity, Microbial Ecology, Microbial Genetics, studying pathogenic microorganisms and host microbe interaction. Most importantly, I would like to work with a zealous professional team utilizing my technical skills, analytical, theoretical and practical microbiological skills and personal acumen to contribute to the developing world. I enjoy a challenging position in teamwork and believe in honesty and commitment.

CAREER SUMMARY

Being a Master-Trainer, I am competent enough in teaching various subjects of Microbiology at University level including Fundamentals of Microbiology, Microbial Diversity, Microbial Physiology, Soil Microbiology, Agriculture Microbiology, Food Microbiology, Biosafety & Risk Management and Epidemiology. I have practical experience in several aspects of Microbiology, from studying incidence and biology of plant viruses infecting cucurbits and potato crops; and bacterial plant diseases. Being a trained personnel through various workshops, I have practical experience in studying Human and Animal diseases like prevalence of *Salmonellosis*, *Brucellosis* and *Toxoplasmosis*.

EDUCATION

The University of Agriculture, Peshawar Pakistan

M.Sc. (Hons)

Specialization: Plant Pathology

2009

The University of Agriculture, Peshawar Pakistan

B.Sc. (Hons)

Specialization: Plant Pathology

2007

Professional EXPERIENCE**Lecturer**

Center for Biotechnology & Microbiology, University of Swat, Pakistan **01/2015 till date**

Volunteer Teaching**2013**

Department of Plant Pathology, University of Agriculture Peshawar, Pakistan
B.Sc. (Hons) 4th Semester. Introductory Plant Pathology, Practical classes.

Agriculture Expert with USAID (Extension Plant Pathology)**07/2012- 06/2013**

Awami Welfare Society, Agriculture Improvement Initiative
US-Agency for International Development (AWS-AII-USAID)

Technical Sales Officer**11/2009-02/2011**

(Marketing and Extension Plant Pathology)
Swat Agro Chemicals Pakistan

Research Associate**05/2009-11/2009**

(HEC- Funded Research Project)
Department of Plant Pathology, University of Agriculture Peshawar

Research Supervision**MSc Microbiology:**

1. Ms Naz Alam, Session: 2013-2015. Thesis on "Isolation and identification of the *Agrobacterium tumefaciens* from the Galls of peach fruit".
2. Mr. Izharullah, Session: 2014-2016. Thesis on "Prevalence of *Salmonella typhi* in Tehsil Matta, Swat".

BS Microbiology:

1. Irfanullah, Latif Ahmad and M Asghar Khan, Session: 2012-216. Thesis on " Isolation and identification of *Agrobacterium tumefaciens* from the galls of Apple, Plum and Cherry trees".
2. Muhammad Fayaz and Tariqur Rehman, Session: 2013-2017. Thesis on "Sero-prevalence and associated risk factors of *Brucellosis* and *Salmonellosis* in Human population of district Swat".
3. Syed Ilyas and Ghazala Iqbal, Session: 2013-2017. Thesis on " Sero-prevalence and associated risk factors of *Toxoplasmosis* in Human population of district Swat".

Additional Responsibilities

Semester/Program Coordinator BS/MSc Microbiology, Center for Biotechnology and Microbiology, University of Swat, Pakistan.

Staff Proctor, Center for Biotechnology and Microbiology, University of Swat, Pakistan.

Committee membership

Member Board of Studies, Center for Biotechnology and Microbiology, University of Swat, Pakistan.

Member of the Semester committee, Center for Biotechnology and Microbiology, University of Swat, Pakistan.

Member of the Admission committee, Center for Biotechnology and Microbiology, University of Swat, Pakistan.

Workshops and Training

Participated in 03 days workshop on Biosafety at University of Agriculture, Peshawar Pakistan, October 2012.

Participated in 03 days workshop on Biosafety & Biosecurity at Center for Biotechnology and Microbiology, University of Swat, Pakistan, May 2016.

Completed 45 days Master-Trainer Faculty Professional Development Program (MT-FPDP) at Higher Education Commission (HEC), Islamabad Pakistan, March-May 2017.

Participated in One day workshop on Biosafety and Biosecurity Risk Management, joint venture on NAYS Pakistan and Center for Biotechnology and Microbiology, University of Swat.

PUBLICATIONS

1. Arif, M., **M. Ali.**, A. Rehman and M. Fahim. **2013.** Occurrence of Potato mop top virus in Northwest of Pakistan. *European Journal of Plant Pathology.* 137: 787-796.
2. Rafi. A., A. Hameed., M. A. Akhtar., M. Akmal., A. Bibi., **M. Ali.**, H. U. Rahman and M. Junaid. **2013.** Effect of planting dates on bacterial leaf blight incidence and yield performance of rice cultivars in different location of Khyber Pakhtunkhwa, Pakistan. *Sarhad J. Agric.* 29(3): 407-414.
3. Arif, M., **M. Ali.**, A. Rehman and M. Fahim. **2014.** Detection of Potato mop-top virus in soils and potato tubers using bait-plant bioassay, ELISA and RT PCR. *Journal of Virological Methods.* 195: 221-227.
4. Islam, M., S. Anwar., S. Bashir., W. Ali., Imran., **M. Ali** and Nadar Khan. **2015.** Growth and yield components of Wheat varieties as affected by dual purpose practices. *Pure and Applied Biology.* 4: 491-496.
5. Islam, M., S. Anwar., Anjum., B. Khan., W. A. Shah., **M. Ali.**, S. Uddin., N. Khan and N. Ali. **2016.** Effect of nitrogen fertilization and decapitation stress on *Triticum aestivum* L. (Wheat) productivity. *Pure & Applied Biology.* 317-325.
6. Arif, M., G. Ruby., A. Rehman., **M. Ali** and S.Rehman. **2016.** Screening of Potato Cultivars to Potato Mop-Top Virus in Northwestern Pakistan. *Potato Research* DOI 10.1007/s11540-016-9324-x.

References

- Dr. Fazal Akbar,
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- Dr. Muhammad Fahim
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