

C.V

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A. Courses Taught:

Taught, Fundamentals of Water Management, Soil, Water and Plant Relation, Agricultural Meteorology, Evaluation of Surface Irrigation, Irrigation systems, irrigation application methods and Agro-hydrology in the Department of Water Management. Supervised and provided guidance to M.Sc (Hons) and B.Sc (Hons) students.

B. Courses studied

1. PhD. Level.

Applied Hydrology (WM-701), Irrigation System Design & Management (WM-702), Drainage & Salinity Management (WM-704), Water Quality Control & Management (WM-706), Soil Erosion & Sediment Transport (WM-711), GIS Application in Water Resources (WM-716), Research Trend in Water Resources (WM-717), Modern Concepts in Crop Production (Agron-701), Advanced Crop Nutrition (Agron-726), Plant Molecular Biology (Agron-733), Advanced Biochemistry (AgCh-715) and Applied Statistics (Stat-702).

2. M.Sc. (Hons.) Level.

Open Channel (WM-722), Flow Measuring (WM-723), Advanced Water Management (WM-724), Drainage & Erosion (WM-725), Farm Irrigation System (WM-726), Soil Physics (SS-702), Water Quality for Agriculture (SS-706), and Computer Sciences (CS-701),

3. B.Sc. (Hons.) Level.

Fluid Mechanics, Farm Irrigation System, Principles and Practices of Water Management, Hydrology, Land Levelling, Soil and Water Conservation, English, Statistics, Agricultural Communications, Food Processing, Dairy Cattle, Farm Forestry, Rural Sociology, Soil Water and Plant Relation, Islamic Studies, Computer science, Crop Protection, Agricultural Communications, Soil Fertility, English, Statistics, Food Technology, Farming System, Crop Production, Animal Hygiene, Islamic Studies, Biology, Program Development, Microbiology, Soil Science, Animal Nutrition, Pakistan Studies, English, Engineering Applications, Plant genetics, Agricultural economics, Agricultural Chemistry, Islamic studies, Biology, English, Plant Science, Animal Husbandry, and Agricultural Profession.

4. Administration

- Deputy Provost
- Staff Proctor

Other studies conducted

1. Workshop "Water Delivery Scheduling" organized by WAMA Project, 1991.
2. Workshop "AIDS Prevention" organized by Ministry of Health, Pakistan, 1992.
3. Workshop "Teaching and Learning in University Education" organized by WAMA Project, 1992.
4. Workshop "Social and Organizational aspects of Irrigation Water Management" Organized by WAMA Project, 1993.
5. Workshop "Optimal use of Irrigation Water" organized by WAMA Project, 1994.
6. Workshop "Soil and Water conservation" organized by WAMA Project, 1997.
7. Workshop "Computer Modeling" organized by IWASRI, 1999.
8. Workshop "Issues and Challenges in Agricultural Education, Research, and Environment in the next Millennium" organized by NWFP Agricultural University, Peshawar, 1999.

9. Workshop "Digital Library" organized by HEC. Dec. 24, 2005.
10. One-day seminar on "Climate Changes and its Effect on Natural Resources" at Pakistan Academy for Research and Development, Peshawar, on March 29, 2006.
11. 2nd International Workshop on agricultural Research and Methodology, organized by British Council Islamabad and Department of Agronomy NWFP Agricultural University, Peshawar, Dec. 1-4, 2007.
12. Staff Development Course organized by National Academy of Higher Education, at N-WFP Agricultural University, Peshawar, from February 26 to March 22, 2007.
13. International workshop on web-based tools for Plant Science Research, from April 16 to 19, 2007, organized by University of Agriculture Peshawar and University of Glasgow, UK.
14. Training course on Water Management for Agriculture Development organized by PARD, Peshawar w.e.f 1st April, 2008 to 5th April, 2008.
15. Six months training under International Research Support Initiative Program (IRSIP) of Higher Education Commission Islamabad, at University of Florida USA from 25 Sep. 2007 to 20 Mar. 2008.

Publication in HEC Recognized Journals

1. **Murad A.**, M. Jamal. (1995) "Evaluation of Irrigation Efficiency of Wheat crop" Sarhad Journal of Agriculture, Pakistan. 11(3), 317-324.
2. Nisar A. and **A. Murad**. (2003) "Analysis and Evaluation of Irrigation Application Efficiency and Distribution Uniformity" Sarhad Journal of Agriculture, Pakistan. 19(2), 229-233.
3. Sikandar A., **Murad A.**, Muhammad A., and Sajid A. (2007) "Effect of Plant population on Maize Hybrids" Journal of agricultural and Biological Sciences, Asian research Publishing Network.
4. Muhammad A., Ziauddin, **Murad A.**, and Muhammad S. (2007) "Effect of Cropping System and Residue Management on Maize" Pakistan Journal of Botany, Karachi.
5. Muhammad A., Sajid A., Quahir S., and **Murad A.** (2007) "Nutrient Seed Priming improves yield of Wheat" Pakistan Journal of Botany, Karachi.