

In the name of Allah ever beneficial and always merciful who gives and forgives while men gets and forgets.

CURRICULUM VITAE

Engr. Muhammad Uris Mirjat, M.E (MUET, Pakistan), B.E (S.A.U Tandojam),



Assistant Professor (BPS-19)

Department of Irrigation and Drainage
Faculty of Agricultural Engineering
Sindh Agriculture University Tandojam

+92-307-3713228

+92-300-4977585

mirjataliyan@gmail.com

mumirjat@yahoo.com



CURRICULUM VITAE



**Engr. Muhammad Uris Mirjat, M.E (MUET, Pakistan), B.E (S.A.U Tandojam, Pakistan),
Office Automation, (Hyderabad) HSC (Hyderabad) SSC (Hyderabad.)**

Personal Data

Name	Muhammad Uris Mirjat
Father's name	Rasool Bux Mirjat
Date of Birth	02-10-1980.
Place of Birth	Village Bahar Khan Mirjat
Domicile	District Tando Allahyar , Sindh (Rural)
Nationality	Pakistani
Passport No	AA 2919991
Permanent Address	Dept.Irrigation and Drainage, FAE, SAU, Tandojam, Sindh, Pakistan.
Telephone no.	Cell +92-307-3713228. Home.+92-22-2653160
E-mail.	mirjataliyan@gmail.com mumirjat@yahoo.com

EDUCATION

M.E (Hydraulic & Irrigation) Mehran University of Engineering & Technology Jamshoro, Sindh, Pakistan. Research on a thesis entitled “Experimental and Numerical study on flow over Rectangular broad crested weir.” 2013.

B.E (Agricultural Engineering) Sindh Agriculture University, Tandojam Pak Research on a project entitled “Design and evaluation of trickle irrigation system” 2005.

Project Work Project Report to Analyze the Quality of Irrigation Water
Visit Report to Metrological Station Lysimeter & High Efficiency irrigation System. DRC (Drainage Research Center Tandojam, Sindh).

Participation Second Regional Workshop on Sustainable Water Management
National Workshop on Water Conservation

Awards Certificates

1. Two days training on “Ridge And Bed Planting” March 26-27, 2015
2. Two days training on “Best Irrigation Practices and Technologies” November 27-28, 2014.
3. Two days training on “Best Irrigation Practices and Technologies” June 24 -25, 2014.
4. Two days training on “ Micro Irrigation System For Fruits & Nurseries” November 18 19, 2014
5. Design of Pressurized Irrigation System. (S.A.U Tando Jam).
6. Sustainable Water Management workshop (British Council Pakistan).

RESEARCH (EXPERIENCE)

PROJECTS	WORKED AS	DURATION	RESULTS AND ACHIEVEMENTS
Determination of optimum soil moisture content for different types of cereal crop germination	Supervisor	2015	B.E (Agri) student
Performance evaluation of different irrigation methods on water use efficiency	Co-supervisor	2015	B.E (Agri) student

in semi arid climate			
Effect of different irrigation frequencies on growth and yield of corn crop	Supervisor	2017	M.E Student
Experimental and numerical study on flow over rectangular broad crested weir.	Researcher	One Academic year	M. Student
Final Year B.E Research Project on “Design and evolution of trickle irrigation system”	Researcher	6 month	B.E Student

Research Publications

1. M. U. Mirjat, M.A.Talpur, A. S. Chandio, R. K. Soothar, **M. U. Mirjat** and S. A. Soomro. 2015. Traditional and micro irrigation methods for better mango production. Booklet published in Sindhi and English.
2. Mirjat, M. S., A. S. Chandio, R. K. Soothar, **M. U. Mirjat** and S. A. Soomro. 2015. Traditional and micro irrigation methods for better mango production. Booklet published in Sindhi and English.
3. Soothar, R. K., A. S. Chandio, M. S. Mirjat, M. A. Mangrio, **M. U. Mirjat** and M. A. Talpur. 2015. Comparison of bubbler and basin irrigation methods in A BIVARIETAL Mangifera indica orchard in Pakistan. Sci. Int. (Lahore), 27(2): 1229-1236.
4. Mangrio, M.A, M. S. Mirjat, N.Leghari,R.A. Buriro, M.A. Talpur. I.A Shaikh and **M. U. Mirjat**. 2015. Evaluating farmers perception and technical approach regarding ground water extraction in lower Sindh. Sci. Int. (Lahore), 27(2): 1229-1236.
5. **Mirjat M.U**, A.L Qureshi, A. Baloch, M.S Mirjat, M.H Mirja, .2014. Experimental and Numerical study on flow over rectangular broad crested weir using FLUENT. ASCE’s J. Irrig. Drain. Eng. (paper submitted).
6. .Mirjat M.S., M. Rodgers, and **M.U Mirjat**. 2012. Evaluation and Comparison of Ceramic Suction Cup Samplers for Nitrate Leaching. Pakistan JAAEVS.Vol.28(1): 71-82
7. Mirjat.M.S, **M.U. Mirjat** and M.H. Mirjat. 2012. Water Quality Status and its Impact on Rural Population in the Coastal Areas of Pakistan. Paper to be presented at the International Conference on Environment Science and Engineering (ICESE) on 7-8 April, 2012.
8. Mirjat.M.S, A.S Chandio, M.H. Mirjat and **M.U. Mirjat**. Sea water intrusion and its long lasting impact on coastal areas of Pakistan. Paper to be presented at the international drainage workshop Cairp, Egypt

9. Mirjat, M.S., M.M. Jiskani, A.A. Siyal and **M.U. Mirjat**. 2011. Mango production and fruit quality under properly managed drip irrigation system. Pakistan JAAEVS, Vol. 27(1)1-12.
10. Mirjat, M.S., A. G. Soomro, K.H. Mirjat, and **M.U. Mirjat**. 2011. Potential of hill-torrent spate irrigation in Kohistan areas of Sindh. Paper submitted for presentation at International Conference in Agricultural Engineering Novelty, Clean and Sustainable, Pattaya, Bangkok, 31st March- 1st April.
11. Mirjat, M.S., A. G. Soomro, K.H. Mirjat, and **M.U. Mirjat**. 2011. Potential of hill-torrent spate irrigation in Kohistan areas of Sindh. Pakistan JAAEVS, Vol. 27(2)100-114.
12. Mirjat, M. S., **M. U. Mirjat**, F. A. Chandio. 2010. Water distribution pattern, discharge uniformity and application efficiency of locally made emitters used in a trickle subunit. Pakistan JAAEVS, 26(1):1-15.
13. Mirjat, M.S., A.S. Chandio, and **M.U. Mirjat**, 2010. Formulating skimming well operational strategies to harness shallow freshwater aquifers using 3-dimensional finite element model (under review).
14. Mirjat, M.S., A.S. Chandio, and Shamim A. Memon, and **M.U. Mirjat**. 2008. Nitrate Movement in the Soil Profile under Irrigated Agriculture: A Case Study Agricultural Engineering International, the CIGR E-Journal. LW 07 024 Vol. X. February, 2008.

Certificate & Registration

- Life Time Registration with Pakistan Engineering Council Reg: No. Agri/2847

Computer Skills

- Microsoft Word, Excel, Power Point Office Automation Windows XP, NT
- Professional, 98, Auto CAD, from NEW Master Mind Institute of Information
- Technology
- Using Internet & E-mails

Experience Organization

Sindh Agriculture University Tandojam .

Designation **Assistant Professor (BPS-19)**
Location Sindh Agriculture University, Tandojam
Tenure 2017 to Date

Sindh Agriculture University Tandojam .

Designation **Lecturer (BPS-18)**
Location Sindh Agriculture University, Tandojam
Tenure 05-05- 2014 to-02- 2017

Higher Education Commission Islamabad

Designation	RESEARCH ASSOCIATE
Location	Sindh Agriculture University, Tandojam
Tenure	2013 to 2014
Research work	Evaluation of Traditional Irrigation Methods and Drip Irrigation Methods for Better Fruit Quality and Mango Production

Description

The responsibilities include field work, operation of drip irrigation system, water measurement in conventional irrigation methods, calibration of water related field structures for discharge measurement, collection of field data, and analysis of soil and water samples.

G3 Engineering Consultants (Pvt.) Ltd

Organization Type	Consultant
Designation	Senior Engineer
Location	Hyderabad, Sindh
Tenure	2013 to January 2014.
Description	Project feasible study and design preparation of the tender documentation and supervision of implementation of the proposed Sindh on-farm water and Agriculture productivity enhancement phase-I project (SOWMAEP-I) in the Sindh province of Pakistan. Responsible for coming up with creative solutions to technical problems to maintain the Company's competitive edge on bids and projects Also in charge of liaising with other engineering disciplines on projects to ensure integrate solutions for projects meet objectives.

The main components of my studies are:

- Improvement of water related infrastructure.
- Installation of High efficiency Irrigation system.
- Rehabilitation of existing on-farm and inter-farm drainage system.
- Improved Agriculture practices.
- Project management, Technical assistance, Studies, and Monitoring and Evaluation

Mott McDonald Pakistan (Pvt.) Ltd

Organization Type	Consultant
Designation	Senior Engineer

Location Badin, Sindh

Tenure 2006 to 2012

Description I have been mainly responsible for verification and survey of watercourses, their Design, Cost Estimation, Verification of Earth Work, Verification of Civil Works, Watercourse Lining, preparation of writing of Final Verification Report, weekly and monthly reports.,

Languages

- English
- Sindhi
- Urdu
- Saraiki

References

Dr. Muhammad Saffar Mirjat

Ph.D (USA)

Meritorious Professor and Dean

Faculty of Agricultural Engineering,

Sindh Agriculture University, Tandojam, Sindh, PAK

Contact No. +923013540612

Dr. Abdul latif Qureshi

Ph.D (MUET, Pak)

Professor

U.S Pakistan Center for Advanced Study in Water Management

Institute of Water Resources Engineering and Management

Mehran University of Engineering and Technology

Contact No. +923013503012.

Dr. Bakhshal Khan Lashari

Ph.D (USA)

Meritorious Professor and Director

U.S Pakistan Center for Advanced Study in Water Management

Institute of Water Resources Engineering and Management

Mehran University of Engineering and Technology

Contact No. + 923003039194.