

CURRICULUM VITAE

Dr. Muhammad Sohail Memon

Ph.D. (China)

Agricultural Mechanization & RS/GIS Engineering

Assistant Professor (Contract- basis)

Department of Farm Power and Machinery,

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PROFILE

A dedicated resourceful and innovative academic Researcher, Professional Engineer, and GIS Analyst. Dr. Memon has more than 09 years of well-honed professional, teaching, trainer, and research experience, and having knowledge across the domain of Agricultural Engineering, Remote Sensing/GIS application etc.

ACADEMIC QUALIFICATIONS

Ph.D. in Agricultural Mechanization Engineering, September 2018

College of Engineering, Nanjing Agricultural University, P.R. China.

1st Division (89%)

Master of Engineering (M.E) in Land & Water Management, July 2014

Faculty of Agricultural Engineering, Sindh Agriculture University Tandojam, Pakistan.

1st Division (76.80%)

Bachelor of Engineering (B.E) “Agricultural Engineering”, June 2011

Faculty of Agricultural Engineering, Sindh Agriculture University Tandojam, Pakistan

Cumulative GPA 3.83/4.00

WORK EXPERIENCE

- 1) **Assistant Professor (Contract- basis)** (Dec 2019 to date)
Sindh Agriculture University, Tandojam, Pakistan.
- 2) **Assistant Professor (IPFP)** (Nov 2018 to Nov 2019)
Sindh Agriculture University, Tandojam, Pakistan.
- 3) **Teaching Assistant** (Jun 2016 to Jun 2018)
College of Engineering, Nanjing Agricultural University, P.R. China.
- 4) **Senior Engineer** (Jul 2015 to Sep 2015)
G3 Engineering Consultants (Pvt.) Ltd, Pakistan
- 5) **Junior Engineer** (Dec 2012 to July 2014)
G3 Engineering Consultants (Pvt.) Ltd, Pakistan
- 6) **Field Officer** (Feb 2012 to Dec 2012)
Auriga Chemicals Enterprises Pakistan
- 7) **Internship** (Aug 2011 to Jan 2012)
Management & Development Foundation (MDF), Hyderabad, Pakistan

MAJOR COURSES TAUGHT

- Introduction & Applications of Geographical Information System
- Environmental Engineering
- Principal and techniques of Agricultural Remote Sensing
- Farm Mechanization
- Farm Machinery
- Machine Design
- Modern Mechanization Control Technology
- Project Planning and Management

PUBLICATINS (Detail List Attached)

- Total Citations: 161 (*h-index*: 08 & *i10-index*: 06)
- Total Peer-Reviewed Journal Articles: **30** (*Total Impact Factor*: 44.46)
- Total Paper presentations in international/national conferences: 05

CONSULTANCY SERVICES

- Individual consultant for GIS component in Management & Development Foundation, Hyderabad under the project entitled, "Implementation of E-Governance in Livestock Wing of Livestock & Fisheries Department", Sindh, Funded by Information, Science & Technology Department, Government of Sindh, from August, 2019 to January, 2020.

RESEARCH PROJECTS

- Two Research Project Awarded by different national organization.

PROFESSIONAL MEMBERSHIP

- Lifetime Member of (PEC) Pakistan Engineering Council (Reg# AGRI/3383).
- Member of Pakistan Engineering Congress (Membership#: 4668).
- Lifetime Member of International Association of Engineers (Membership#: 16970).
- Member of Worldwide Fund for Nature WWF (Member ID- 45960 JID-2014).

TRAINING/CONFERENCE/WORKSHOP

- Total Training Received: 25
- Total Training Organized as Resource/Focal Person: 04

SUPERVISOR/CO-SUPERVISOR OF UNDERGRADUATE AND POSTGRADUATE THESES/PROJECTS

- Master Student: 03
- Bachelors Project: 06

COMPUTER SKILLS

- MS Office 365
- MS Excel
- Global Mapper
- MS Access
- ESRI ArcGIS Desktop 10.7
- ERDAS
- Google Earth Pro
- ESRI ArcGIS Pro 2.4
- ENVI 5.3
- Python
- Java
- Adobe Photoshop
- Origin Pro 2020
- Google Earth Engine Cloud Platform
- FAO CROPWAT
- Statistics Package 8.1
- QGIS
- MATLAB