

SHAHID ALI

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Father Name: Muhammad Ali
Date of Birth: Sep.05, 1984
N.I.C. No.: 35501-0111659-1
Marital Status: Married
Nationality: Pakistani
Religion: Islam
Place of Birth: Nankana Sahib (Punjab)

ACADEMIC PROFILE:

DEGREE	INSTITUTE	MARKS
M.Phil. Applied Geology	Institute of geology, University of the Punjab, Lahore	3.97/4
M.Sc Applied Geology (Engineering geology & Geohydrology)	Institute of geology, University of the Punjab, Lahore	657/800
B.Sc Applied Geology	Institute of geology, University of the Punjab, Lahore	1805/3000
F.Sc (Pre-Engineering)	B.I.S.E Lahore	797/1100
Matric (Science)	B.I.S.E Lahore	634/850

PROFESSIONAL EXPERIENCE

- Worked as **Lecturer** Institute of Geology University of the Punjab, Lahore (7th March 2014 to-date).
- Worked as a geologist In **GEO-RESEARCH** (January 2009 to 17 Feb 2014).

Professional Projects

- Dewatering at Marala HP Project, Sailkot (Nov.2013 to Feb. 2014)
- Gahrait Swir Lasht HP Project, Drosh, Chitral (June to Oct. 2013)

- LBDC Improvement Project (October November 2012)
- Metro Bus Transit Services Lahore (July to Sept 2012)
- Hydro Power Project Head Marala, Saikot (June July 2012)
- Hydro Power Project Head Ghumariwala Pakpattan (June 2012)
- Estimation of Coal Reserve in the Salt Range (April 2011 to Feb 2012)
- Grain Market in Raheem Yar khan. (Dec. 2009)
- Qasam International driepot Pramnagar Lahore (Nov. Dec. 2009)
- Water Treatment Plant in Mir Pur Azad Kashmir (November 2009)
- Building of Training Institute Pakpattan (March 2009)
- SabzaZar Road Lahore (January 2009)

PROFESSIONAL TRAINING

- Apr 10-11, 2014
Advanced Seismic Workshop, Complex Velocity Model Building, Inversion of Rock Physics
 Organized by Pakistan Geophysical Network at Institute of Geology, University of the Punjab, Lahore
- Apr 16-20, 2014
National Workshop on Salt Tectonics of the Cis-Indus Salt Ranges Pakistan
 Organized by Institute of Geology University of the Punjab, Lahore
 Society for Mineral Development, Lahore
- Nov 07- 10, 2014
National Workshop on Chichali Gorge, Trans Indus Ranges Pakistan.
 Organized by Institute of Geology University of the Punjab Lahore.
- Apr 17-18, 2014
Sequence Stratigraphic Toolkit for Oil & Gas Exploration
 Organized by Institute of Geology University of the Punjab, Lahore
- Oct 16, 2015
Gas Shale A Microstructural Approach
 Organized by Institute of Geology University of the Punjab, Lahore
- Nov 11, 2015
Well Site Familiarization Mud Logging Techniques

Organized by Institute of Geology University of the Punjab, Lahore

- Nov 17, 2015

Introduction To Lwd/Mwd In The Oil Field

Organized by Institute of Geology University of the Punjab, Lahore

- 14 Dec, 2015

Unconventional Petroleum Exploration What We Need To Know

Organized by Institute of Geology University of the Punjab, Lahore

- Jan 25-29, 2016

Preparation of Geological Maps in GIS

Organized by Institute of Geology University of the Punjab, Lahore

- Feb 4, 2016

Biosequence stratigraphy A Tool to Understand Basin History

Organized by Institute of Geology University of the Punjab, Lahore

- Mar 7, 2016

Introduction to Hydrocarbons prospectivity

Organized by Institute of Geology University of the Punjab, Lahore

- Oct 22-23, 2016

Hydrocarbon Exploration Techniques using Surface Geology, Subsurface Seismic and Well data

Organized by Institute of Geology University of the Punjab, Lahore

- Nov 3, 2016

Role of Integrated Sequence Stratigraphy into Reservoir Characterization

Organized by Institute of Geology University of the Punjab, Lahore

- Nov 7, 2016

Introduction to 3D Reservoir Characterization

Organized by Institute of Geology University of the Punjab, Lahore

- Dec 6, 2017

Introduction to Drilling Rigs

Organized by Institute of Geology University of the Punjab, Lahore

Research Work

1. PUBLICATIONS

- Sedimentary structural and salt tectonic evolution of karoli-Nilawahan area, central Salt Range and its affects for Potwar Province. (accepted Dec 2019) Himalayan Geology IF= 0.333)
- 3D Interpretation of Resistivity Data for Groundwater Potential Assessment of Pakhli Plain, Mansehra District, Pakistan,Pakistan Journal of Geology (PJG) 2019, VOLUME 3, ISSUE 2, 2019
- Provenance of the Early Cambrian Abbottabad Formation in the Hazara region, Pakistan Pakistan Journal of Geology (PJG) 2019, VOLUME 3, ISSUE 2, 2019
- Impact of pore fluid heterogeneities on angle-dependent reflectivity in poroelastic layers: A study driven by seismic petrophysics. IF= 2.594
Geomechanics and Engineering, Vol. 17, No. 4 (2019) 343-354, 2019
- Enhanced Gas Recovery by CO₂ Injection Method in Depleted Gas Reservoirs
Archives of Petroleum & Environmental Biotechnology Volume 2018; Issue 04, 2018
- Fluvial Sedimentology architecture at the foothills of the Himalasyas, Middle Late Miocene, KamliFormation, Salt Range Pakistan.2nd International Applied Geological conference, Iran 2014

2. RESEARCH PROJECTS

- Sedimentology of Datta Formation with Special Emphasis on Jurassic from Salt Range, Pakistan. Fiscal Year 2014-2015
- Sedimentology and Resource Estimation of Margalla Hill Limestone with Special Emphasis on its Engineering Projects.Fiscal Year 2015-2016
- Industrial Application of the Paleocene Hangu Formation from Kala Chitta and Hazara Area, Pakistan. Fiscal Year 2017-2018

3. THESIS SUPERVISION

- Lithological profiling of Khuirata area by using AMT and Physio mineralogical characteristics of Yadgar Limestone from Muzaffarabad AJ&K (Session 2015-2019)

- Sedimentology, Geochemical analysis, Facies analysis and sequence stratigraphy of Paleocene Hangu Formation in central Salt Range, Pakistan.(Morning Session 2014-2018)
- Sedimentology and Stratigraphic evolution of the early Eocene Margalla Hill Limestone, southern Hazara,Pakistan.(Replica Session 2014-2018)
- Geology And Structure OF Sang Ada Area, Margalla Hills, Islamabad AND Microfacies Analysis.(Session 2013-2017)
- Geotechnical Assessment of Tunnel Support and the Suitability of Construction Material for Tunnel Lining, Neelum-Jhelum Hydropower Project, AJK.(Session 2012-2016)
- Sedimentology of Nammal Formation and Sakessar Formation of Central Salt Range, Pakistan. (Session 2011-2015)
- Sedimentology of Mainwali Formation, Tredian Formation, Kingriali Formation and Datta Formation, Nammal Gorge, Western Salt Range, Pakistan.(Session 2010-2014)