

## ***Kamran Mirza***

### ***Brief Career Profile***

#### **ACADEMIC QUALIFICATIONS**

- ✓ M.Sc Applied Geology                      A<sup>+</sup> Grade                      Institute of Geology, Punjab University.
- ✓ B.Sc Applied Geology                      A Grade                      Institute of Geology, Punjab University.

#### **ACADEMIC DISTINCTIONS**

- ✓ **GOLD MEDAL** in M.Sc. Applied Geology on securing **1<sup>st</sup> Position in University.**
- ✓ **GOLD MEDAL** in B.Sc. Applied Geology Final Professional on securing **1<sup>st</sup> Position in University.**
- ✓ **GOLD MEDAL** in B.Sc. Applied Geology 2<sup>nd</sup> Professional on securing **1<sup>st</sup> Position in University.**
- ✓ **GOLD MEDAL** in B.Sc. Applied Geology 1<sup>st</sup> Professional on securing **1<sup>st</sup> Position in University.**
- ✓ **GOLD MEDAL** in SSC on securing **1<sup>st</sup> Position** in School (Pre-engineering group).
- ✓ **Director's Hammer Award** in M.Sc. Applied Geology on presenting the **Best Research Thesis.**
- ✓ **Director's Hammer Award** in B.Sc. Applied Geology Final Professional on presenting **Best Field Report.**
- ✓ **Director's Hammer Award** in B.Sc. Applied Geology 2<sup>nd</sup> Professional on presenting **Best Field Report.**
- ✓ **Director's Hammer Award** in B.Sc. Applied Geology 1<sup>st</sup> Professional on presenting **Best Field Report.**
- ✓ **PRIDE OF PERFORMANCE** on securing all existing Academic Awards in any session of the Institute of Geology, Punjab University.

#### **RESEARCH PUBLICATIONS**

##### ***Published Outside Pakistan***

1. ***“Paleocene – Eocene Boundary in the Upper Indus Basin, Northern Pakistan”***. Earth and Life, Beijing China, No. 4, Vol. 1, 2009.
2. ***“Biostratigraphic synthesis of a Middle Eocene Limestone, Northern Kohat Basin, Himalayan Fold and Thrust Belt, Northern Pakistan”***. Geophysical Research Abstracts, Vol. 9, 03380, 2007, European Geosciences Union, Vienna 2007.

3. ***“Biostratigraphy and depositional environment of the Maastrichtian rocks near the collisional boundary of the western margin of the Indian Plate”***. Geophysical Research Abstracts, Vol. 8, 01863, 2006, European Geosciences Union, Vienna 2006.
4. ***“Palynostratigraphy of the Lower Jurassic Datta Formation from the Salt Range, A major tectonic unit of Pakistan Himalaya”***. “Terra Nostra ”, n.2, 1999. Abstract Vol.14<sup>th</sup> Himalaya-Karakoram-Tibet Workshop, Germany, March 24-26, 1999.
5. ***“Fusulinids of the Punjshah Formation of Raminji area, upper Hunza, Northern Pakistan”***. 2<sup>nd</sup> Nepal Geological Congress held in Nov., 1997, at Kathmandu. Jour. Of Nepal Geol.Soc.,1997, Vol.16,pp.60-62.
6. ***“Palynological and foraminiferal studies of the Paleocene Patala Formation, Salt Range, Upper Indus Basin, Pakistan”***. 2<sup>nd</sup> Nepal Geological Congress held in Nov., 1997, at Kathmandu. Jour. Of Nepal Geol.Soc., 1997, Vol.16, pp.60-62.

### **Published in Pakistan**

1. ***“Planktonic Foraminifera from the Upper Cretaceous Kawagarh Formation of Jabri Area, Lora- Maqsood Road, Hazara, Northern Pakistan”*** Geol.Bull.Punjab Univ., No.42, 2007.
2. ***“Stratigraphic aspect of recent earthquake occurred along the Balakot-Bagh Fault, North-west Himalayas, Pakistan”*** Geol.Bull.Punjab Univ., No.42, 2007.
3. ***“Upper Cretaceous to Paleogene Biostratigraphy of Hazara and Azad Kashmir, North West Himalayas, Pakistan”*** Geol.Bull.Punjab Univ., No.40-41, 2005-6.
4. ***“Biostratigraphy of the Eocene Kohat Formation, Shekhan Nala Kohat Basin, Northern Pakistan”*** Geol.Bull.Punjab Univ.,No.40-41, 2005-6.
5. ***“Microfacies Analysis of the Middle Eocene Kohat Formation, Shekhan Nala Kohat Basin, Northern Pakistan”*** Geological Bulletin Punjab University, No.40-41, 2005-6.
6. ***“Sedimentology of Chak Jabbi Limestone, Kala Chitta Range, Pakistan”***. Geol.Bull.Punjab Univ.,No.38, 2004.
7. ***“Biostratigraphy of the Patala Formation, Jabri area, Hazara, Pakistan”***.Geol.Bull.Punjab Univ.,No.35, 2001.
8. ***“Some Monosaccate Pollen from the Tobra Formation, the Nilawahar Gorge, Central Salt Range, Pakistan”***. Geol. Bull. Punjab Univ., No.36, 2002.
9. ***“Organizational Trend in the Monosaccate and Primitive Dissacate Genera in the Palaeozoic of the Salt Range, Pakistan”*** Abstract Vol. 3<sup>rd</sup> South Asia Geological Congress (GEOSAS III), held in Lahore 23-26 September, 2000.
10. ***“Hydrogeological Investigation and Resistivity Surveys at Chakri and Kalar Kahar Areas, Pakistan”*** Abstract Vol. 3<sup>rd</sup> South Asia Geological Congress (GEOSAS III), held in Lahore 23-26 September, 2000.

11. ***“Planktonic Foraminifera from the Upper Cretaceous Kawagarh Formation of Jabri Area, Hazara, Northern Pakistan”*** Abstract Vol. 3<sup>rd</sup> South Asia Geological Congress (GEOSAS III), held in Lahore 23-26 September, 2000.
12. ***“Environmental Geology of Lahore City, Punjab, Pakistan”*** Abstract Vol. 3<sup>rd</sup> South Asia Geological Congress (GEOSAS III), held in Lahore 23-26 September, 2000.

## **PROFESSIONAL COURSES & TRAINING**

- ✓ ***“National Training Course on Introduction to Carbonate Petrology and Its Modern Trends”*** held at Institute of Geology, University of the Punjab in Collaboration with Friedrich-Alexander Universität Erlangen-Nürnberg, Germany.
- ✓ Training Course on ***“Carbonate Sedimentation”*** held at Institute of Geology, University of the Punjab in Collaboration with Institut fuer Geologie, Geophysik und Geoinformatik, Fachrichtung Allgemeine Geologie, Freie Universitaet Berlin.
- ✓ ***“National Training Course on Collisional Tectonics in Modern and Ancient Organic Belts”*** held at Institute of Geology, University of the Punjab in Collaboration with Swiss Federal Institute of Technology, ETH-Zürich, Switzerland.
- ✓ ***“National Training Course on Evaluation of Aggregate as a Construction Material”*** held at Institute of Geology, University of the Punjab in Collaboration with the Kent State University, Ohio, U.S.A and Ministry of Labour, Manpower & Overseas Pakistanis under TOKTEN / UNDP Programme.
- ✓ ***“National Training Course on Environmental Hydrogeology & Groundwater Contamination”*** held at Institute of Geology, University of the Punjab in Collaboration with the Ministry of Labour, Manpower & Overseas Pakistanis under TOKTEN / UNDP Programme.
- ✓ ***“National Training Course on the Waste Management Systems”*** held at Institute of Geology, University of the Punjab in Collaboration with the Ministry of Labour, Manpower & Overseas Pakistanis under TOKTEN / UNDP Programme.
- ✓ ***“National Training Course on Economic Mineral Deposits”*** held at Institute of Geology, University of the Punjab in Collaboration with Department of Mines and Energy, N.T. Geological Survey, Darwin, Australia.
- ✓ Participated in the Training Workshop on ***“Environmental Perception”*** organized by Centre for Integrated Mountain Research, University of the Punjab.
- ✓ Punjab University-UNESCO **Regional Post Graduate Course on Plate Tectonics**, held at Institute of Geology, University of the Punjab.
- ✓ ***“National Training Course on Landslides: Identification, Analysis and Remediation”*** held at Institute of Geology, University of the Punjab in Collaboration with the Kent State University, Ohio, U.S.A and Ministry of Labour, Manpower & Overseas Pakistanis under TOKTEN / UNDP Programme.

- ✓ Participated in the “*Workshop on Environmental Management and Awareness, Vision 2000*” organized by Centre for Integrated Mountain Research, University of the Punjab.
- ✓ “*An introduction to Sequence Stratigraphy and its Applications to Outcrops*” held at Institute of Geology, University of the Punjab.
- ✓ “*Introduction to Applications of Remote Sensing and GIS in Geology*” held at Institute of Geology, University of the Punjab.
- ✓ “*Well Site Geology and Mud logging Techniques*”, three day workshop held at Institute of Geology, University of the Punjab.

### **PRESENT STATUS**

- ✓ Currently working as Assistant Professor in the Division of Petroleum Geology (Palaeontology-Stratigraphy Section), Institute of Geology, Punjab University, since March 2005.

### **RELATED EXPERIENCE**

- ✓ Worked as Consultant Field Geologist for **ENI Pakistan Ltd.** in the Eastern Salt Range for a detailed study of the Cambrian Sequence of the area in 2008.
- ✓ Worked as Consultant Field Geologist in Kohat Block, Northern Pakistan for **Tullow Pakistan Developments Ltd.** in 2006.
- ✓ Worked as Lecturer in the Division of Petroleum Geology (Palaeontology-Stratigraphy Section), Institute of Geology, Punjab University, from August 2000 to March 2005.
- ✓ Extensive Geological mapping of different parts of Kohat Basin and Hazara area.
- ✓ Worked as Research Scholar in the Division of Petroleum Geology (Palaeontology-Stratigraphy Section), Institute of Geology, Punjab University, from May 1999 to July 2000.

### **CONTACT DETAILS**

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