National Centre of Excellence in Geology, Peshawar

M. Asif Khan

Striving for development of the natural resources and mitigation of the natural hazards
HISTORY

- Institution of higher learning and research in the field of Earth & Environmental Sciences.
- Located in the premises of the University of Peshawar, Peshawar.
- Dr. R. A. K. Tahirkheli was the founder Director of this Centre.
- Professors M. Qasim Jan & S. Hamidullah directed the Centre in past two decades with outstanding contributions.
FUNCTIONS

- Focused research on advanced aspects of Earth & Environmental Sciences.
- Post-Graduate Teaching PGD, M.Phil., Ph.D
- Promote co-operation and inter-disciplinary relationship with national and international research institutions
- Conferences, seminars, and refresher courses for the development of teaching and research in Earth & Environmental Sciences.
- Conduct teaching and research in such particular disciplines as is assigned to it by the Federal Government in consultation with the University of Peshawar.
LABORATORIES

GIS/ RS LAB.
LABORATORIES

X-Ray Diffractometre (XRD)

Supervised By: Dr. Irshad Ahmed
LABORATORIES

GEOCHEMISTRY

- Atomic absorption
- UV/visible spectrophotometer
- Graphite Furnace
Geochemistry Lab

- Atomic absorption (Perkin Elmer)
- UV/visible spectrophotometer
- Graphite Furnace

Lab Incharge: Prof. Dr. M. Tahir Shah
LABORATORIES

X-Ray Fluorescence (XRF)

Shimadzu 310, 1982

Axios, Philips Analytical, 2005
LABORATORIES

Electron Probe Micro Analyzer (EPMA) JEOL 733 with RONTEC EDX

Lab Incharge: Dr. Mohammad Sayab
LABORATORIES

Geodetic lab

Supervised By: Dr. M. Asif Khan
PUBLICATIONS

Journals: Geological Bulletin, University of Peshawar

Yearly, Started 1964, To date **35 volumes** have been published.

Books: **10** books have been published:
• Kazmi & Jan, 1999. Geology & Tectonics of Pakistan.

Coloured Maps: **4**

Abstracts: **175**

Research Papers: **360**
Books & Special Volumes


RESEARCH

Shontar Thrust Fault, Kashmir
Air & Water Pollution in Peshawar Basin
Conferences, Seminars & workshops


Chief Organizer: Prof. Dr. S. Hamidullah
Convener: Prof. Dr. M. Tahir Shah
Conferences, Seminars & workshops in 2003-04

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Organized


Chief Organizer: Prof. Dr. S. Hamidullah
Convener: Prof. Dr. M. Asif Khan
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Petroleum Symposium II, May 2003
FUTURE OUTLOOK

- Building of New Campus
- Establishment of 20 Research Labs.
- Faculty Development by Awarding 20 PhD Scholarships to young faculty.
- University of Earth & Environmental Sciences