

Bio-Data

1. **Name:** Mohammad Omer Faruk Khan
2. **Father's Name:** Mohammad Alamgir Ali Khan
3. **Mother's Name:** Mosammat Azufa Khatun
4. **Date of Birth:** 28-09-1984

5. **Educational Background:**

- a. Master's in Geo-Information Science and Earth Observation, Specialization: Water Resources and Environmental Management. Session: 2019-2021. Grade 6.79 out of 10.
- b. MS in Geology. Specialization: Stratigraphy and Sedimentology. Session: 2007-2008. First Class First. 64.31% marks.
- c. BSc (Honours) in Geology. Session: 2002-2006. First Class Third. 65.41% marks.
- d. HSC. Session – 1999-2001. First Division. 76% marks.
- e. SSC. Session – 1998-1999. First Division. 84.4% marks.

6. **Professional Background:**

Assistant Director (Geology). 2012 to Present. Geological Survey of Bangladesh (GSB), 153, Pioneer Road, Segunbagicha, Dhaka-1000, Bangladesh, Phone:88 02 9333858, Fax: 88 02 9339309, E-mail: geologicalsurveybd@gmail.com, Web: www.gsb.gov.bd.

• Geoscientific research focusing on groundwater, mineral resources, energy resources such as peat. Collection of samples and data from the field and analysis and interpretation of data. Report writing and presentation.

Young Professional (YP). 2011-2012. BRAC, Brac Centre, 75, Mohakhali-1212, Dhaka, Bangladesh.

• Social Development Programmes such as Education, Food Security, Health, Social Enterprises, Microfinance, Human Rights, Gender Equality, Poverty Alleviation, Disaster, Environment and Climate Change and others.

Field Geologist. 2010-2011. BEXIMCO, 19 Dhanmondi, Road No-1, Dhaka-1205, Bangladesh.

Geologic exploration of peat using auger boring method including boring site selection, supervision of geological logging, peat sampling, density measurement of peat, analysis and database development in the low lying wetlands of Baghia and Chanda Beels of Madairpur and Gopalganj Districts at Central Bengal Basin, Bangladesh.

7. **Projects Involved:**

Identification of Mineral Deposits of Tertiary Hills in Ramu Upazila of Cox's Bazar District, Bangladesh.

Investigation of Valuable Mineral Resources in River Sand of Bangladesh, 2018

Hydro-geo-chemical Investigation at the Bhanga Upazila of Faridpur District of Bangladesh, 2017

Hydro-geo-chemical Investigation at the Shibchar Upazila of Madaripur District of Bangladesh, 2016

Hydro-geo-chemical Investigation at the Bheramara Upazila of Kushtia District of Bangladesh, 2015

Peat Exploration at Derai Upazila and Adjoining Areas of Sunamganj District, Bangladesh, 2015

Peat Exploration at Chatal Beel and Adjoining Areas of Hakaluki Haor of Moulvibazar and Sylhet Districts, Bangladesh, 2014

Hydro-geo-chemical Investigation at the Tungipara Upazila of Gopalganj District of Bangladesh, 2013

8. **Honors and Awards:** Departmental scholarship based on second year bachelor degree result.

9. **Present Address:** House- 01, Line- 28, Block- D, Section- 10, Pallabi, Mirpur, Dhaka-1216, Bangladesh.

10. **Permanent Address:** Village- Ganganandapur, PO- Ratandia, Thana- Ratandia, District- Rajbari.

11. **Contact:** +8801922664817

12. **E-mail Address:** faruk_geology@yahoo.com

Skills

Microsoft Word, Microsoft Excel, Microsoft Powerpoint, ARCGIS, QGIS, ROCKWORKS, Surfer, Strater, Typing in Bengali and English, Report Writing, Presentation, Publication, Python Basics, R Basics, Google Drive, Google Earth Pro, Remote Sensing and GIS, Internet, Water Quality, Mineral Exploration.

List of Publications

- Generic Classification of Hoars in the Northeastern Part of Bengal Basin, Bangladesh. Proceedings- 1st Conference of the Arabian Journal of Geoscience, 1-15 November 2018, Hammamet, Tunisia.
- Hydro-Geochemical Evaluation of Groundwater and Aquifer Characteristics- A Case Study from Sadar Upzaila of Chapainawabganj District, Bangladesh. International Journal of Advanced Research (IJAR), ISSN 2320-5407, DOI: <http://dx.doi.org/10.21474/IJAR01/6893>.
- Landform Characterization and Geo-hazards in the area between Someswari and Ghoneswari Rivers, Netrokona district, Bangladesh. Bangladesh Geoscience Journal, Vol 21, P. 3-49, ISSN 1028-6845, 2015.
- Peat Resources, Paleoenvironmental Interpretation as well as Their Utilization, Hakaluki Hoar, Moulvibazar and Sylhet District, Bangladesh. Global Journal of Science Frontier Research: H Environment & Earth Science. Vol. 15, Issue. 2, 2015. Online ISSN: 2249-4626 & Print ISSN: 0975-5896
- The Significance of Peat Deposits in Evaluating the Recent Environmental and Climatic Conditions in the Bangladesh Part of Bengal Basin, Bulletin of Advanced Scientific Research 01[04](2015), e-ISSN: 2454-3691
- Geoethics: Perspective Bangladesh. Springer International Publishing, Engineering Geology for Society and Territory. V-7, pp 33-38. DOI 10.1007/978-3-319-09303-1_6. Online ISBN 978-3-319-09303-1, 2014
- A Paleoenvironmental study of Barail Group Succession exposed in the Jaintiapur-Jaflong Areas of Sylhet Trough of the Bengal Basin. The Dhaka University Journal of Earth and Environmental Sciences. Vol. 1(2), pp-105-111, 2011

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