

CURRICULUM VITAE

Personal Information:

- Name** : **SULTAN MOHAMMAD FAROOQ**
- Father's Name** : Late Md. Mustafizur Rahman
- Mailing Address** : Associate Professor
Department of Civil Engineering
Chittagong University of Engineering and Technology (CUET),
Chittagong-4349, Bangladesh.
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- Permanent Address** : Village – Tobga (East), P.S. – Chatkhil, Dist. – Noakhali, Bangladesh.
- Date of Birth** : September 12, 1963
- Place of Birth** : Noakhali
- Nationality** : Bangladeshi by birth
- Marital Status** : Married
- Religion** : Islam (Sunni)
- Professional Affiliation** : Fellow (F/9855), Institution of Engineers, Bangladesh (IEB).
Member (2005-02), Bangladesh Society for Geotechnical Engineering.

Educational Information :

- a) S.S.C. Examination, 1978,
First division with honours, Chandpur Hasan Ali Govt. High School, Comilla Board.
- b) H.S.C. Examination, 1980,
First division with honours, Comilla Victoria Govt. College, Comilla Board.
- c) B. Sc. Engineering (Civil)
First Class
Bangladesh University of Engineering and Technology, Dhaka (Result Published on April, 1987).
- d) M. Sc. Engineering (Civil)
Bangladesh University of Engineering and Technology, Dhaka (Degree awarded on 16th July, 1995).

Computer Knowledge :

Operating System: DOS, Windows

Programming Language: FORTRAN 77

Utility Package: Word Perfect 6.0, MS-Word, MS-Excel.

Employment Record :

- a) Worked as an Engineer in the firm ‘Techno Bangla’, Dhaka from 15.04.1987 till joining as Lecturer in Civil Engineering Department of CUET, Chittagong.
- b) Lecturer
Department of Civil Engineering, CUET, Chittagong,
From 27.03.1988 to 09.07.1990
- c) Assistant Professor
Department of Civil Engineering, CUET, Chittagong,
From 10.07.1990 to 26.04.2000
- d) Associate Professor
Department of Civil Engineering, CUET, Chittagong,
From 27.04.2000 till to date.

Administrative Responsibilities

- a) Accomplished all administrative responsibilities as a departmental Head in the Department of Urban and Regional Planning, Department of Disaster & Environmental Engineering and Department of Architecture.
- b) Accomplished all administrative responsibilities as President, Secretary, and Member Secretary in different committees formed by the University Authority.

Post Graduate Research Supervision

- a) Co-supervised Masters in Civil Engineering thesis of one student and Supervising Masters in Civil Engineering thesis of Two students (CUET)
- b) External member of a M.Sc. (Civil) student of Bangladesh University of engineering and Technology (BUET).

Special Training Course, Workshop & Seminar Attended :

- a) Completed Short Course on “Design, Construction and Maintenance of Highway Bridge” from 22.07.1995 to 09.08.1995 at IEB, Dhaka, Bangladesh.
- b) Completed Short Course on “Design and Installation of Piles” from 26.07.1997 to 31.07.1997 at IEB, Dhaka, Bangladesh.
- c) Participated in the orientation workshop on “Participatory Approaches for Community Development” from 12-13 May, 2001 at ITN-Center, BUET, Dhaka
- d) Attended a workshop on “Integration of Pollution Prevention Topics into the Engineering Curriculum” organized under the linkage program between Bangladesh University of Engineering and Technology (BUET) & North Carolina A & T State University (NCATSU) held between 24-25 July, 2001 at BUET, Dhaka.

- e) Participated in the Seminar & Workshops on “Geo-environmental Engineering” held at the Department of Civil Engineering, KUET, Khulna, Bangladesh from 11-12 March, 2003 sponsored by Asia-Link Programme of European Commission.
- f) Attended a short course on “Risk Management in Water Resources” organized by Directorate of Continuing Education in association with Institute of Water & Flood Management, Bangladesh University of Engineering and Technology held during 13-14 March, 2010.
- g) Attended a specialized course on “Facing the Challenges of Climate Change: Issues, Impacts and Adaptation Strategies for Bangladesh” held during 29-31 May 2011 at ITN-BUET, Dhaka, Bangladesh.

Publications in Journals & Proceedings : (I) Journals:

- (a) Siddique, A and Farooq, S.M. (1996), ‘Effect of Stress Release on the Strength of Coastal Soils’. Indian Geotechnical Journal, Indian Geotechnical Society, Volume 26. No. 3 pp 269-285.
- (b) Siddique, A and Farooq, S.M. (1997), ‘Geotechnical Characteristics of Reconstituted soft Soils from Coastal Area of Bangladesh’. The Indian Engineer Journal, India Volume 40. No. 10 pp 1-14.
- (c) Siddique, A and Farooq, S.M. & Clayton. C.R.I (2000), ‘Disturbance due to Tube Sampling in Coastal Soils’. Journal of Geotechnical and Geoenvironmental Engineering, American Society of Civil Engineers, ASCE, June, 2000, Volume 126, No. 6 pp 568-575.

(II) Proceedings:

- (a) Siddique, A and Farooq, S.M. (1998), ‘Tube Sampling disturbance Effects in Reconstituted soft Soil’. Proceedings of the 13th South Asian Geotechnical Conference. Taipei, Taiwan, Republic of China, pp. 165-170.
- (b) Farooq, S.M., Siddique, A and Bhuiyan, A.R. (2009), ‘An Experimental Study on Swelling Behaviour of Soils’. Proceedings of the Bangladesh Geotechnical Conference 2009, organized by Bangladesh Society for Geotechnical Engineering (BSGE) and Department of Civil Engineering, BUET, Dhaka, Bangladesh, pp. 133-140.

- (c) Haque, M.N., Bhuiyan, M.A.R. and Farooq, S.M. (2010), 'Numerical Investigation of Soil-Pile Interaction Effect on Seismic Response of Base Isolated Highway Bridge'. Proceedings of Bangladesh Geotechnical Conference 2010, organized by Bangladesh Society for Geotechnical Engineering (BSGE) in association with International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), Dhaka, Bangladesh, pp. 174-180.
- (d) Farooq, S.M., Rouf, M. A., Hoque, S.M.A. and Ashad, S.M. A. (2011), 'Effect of lime and curing period on unconfined compressive strength of Gazipur soil, Bangladesh.' 4th Annual Paper Meet and 1st Civil Engineering Congress, December 22-24, 2011, Dhaka, Bangladesh, pp.104-108.
- (e) Farooq, S.M., Kuri, J.C., Arefin, M.M. and Sojib, M.A.U. (2012), 'Ground Improvement Using Lime' 1st International Conference on Advances in Civil Engineering 2012, December 12-14, 2012, CUET, Chittagong, Bangladesh.
- (f) Sabrina Islam, Keya Chowdhury, S. M. Farooq, M. Islam, S. Islam (2014) 'A Comparative Study on the Load Carrying Capacity of RC Bored Piles' Proceedings of the 2nd International Conference on Civil Engineering for Sustainable Development (ICCESD-2014), 14-16 February 2014, KUET, Khulna, Bangladesh, ISBN: 978-984-33-6373-2 (CD-ROM).
- (g) M. S. Sarkar & S. M. Farooq (2014) 'Standard Methods for Evaluating Earthquake Induced Soil Liquefaction Potential' Proceedings of the 2nd International Conference on Advances in Civil Engineering (ICACE- 2014), 26-28 December, 2014, CUET, Chittagong, Bangladesh
- (h) S. M. Farooq, S. Das, M. M. Hasan & M. A. Hossain (2016) "Stabilization of organic soil using lime added salt (NaCl)", 3rd International Conference on Advances in Civil Engineering (ICACE-2016), 21 –23 December, 2016, CUET, Chittagong, Bangladesh.
- (i) S. M. Farooq, S. Das, M. Y. Mollah & A. Akter, "Strength increment of sand column by using admixtures", 3rd International Conference on Advances in Civil Engineering (ICACE- 2014), 21 –23 December, 2016, CUET, Chittagong, Bangladesh.

Present Research

:

- a) Improvement of engineering property of soft soil by using admixtures.
- b) Study of physical & engineering property of expansive soil (locally available)
- c) Stabilization of expansive soil using different admixtures.
- d) Study of compressibility & hydraulic conductivity of soft soil.

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