

Curriculum Vitae

Md. Moshior Rahman

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👤 Date of Birth : December 31, 1988
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Experience

- March 18, 2021 – Till to date **Assistant Professor**, Computer Science and Engineering, School of Science and Technology, Bangladesh Open University, Bangladesh.
- May 17, 2017 – March 17, 2021 **Lecturer**, Computer Science and Engineering, School of Science and Technology, Bangladesh Open University, Bangladesh.
- June, 2015 – May, 2021 **LMS and Server Maintenance Expert (Additional)**, e-Learning Center, Bangladesh Open University, Bangladesh.
- July 8, 2012 – May 16, 2021 **Assistant Maintenance Engineer**, Computer Division, Bangladesh Open University, Bangladesh.

Education

- 2011 - 2015 **Master's of Science in Computer Science and Engineering**
Islamic University of Technology (IUT), Bangladesh
Thesis Title: *Improved Cancer Classification Approach for Microarray Gene Expression Data*
Study Emphasis: *To reduction of high dimensional microarray data for informative gene selection with optimal number of gene features and develop a computer based classification method for data analysis using microarray databases.*
- 2007 - 2011 **Bachelor of Science in Computer Science and Engineering**
Patuakhali Science and Technology University
Thesis Title: *Architecture of Data Warehouse ETL Tools-Performing Efficient and Effective Way*
Study Emphasis: *To develop an DW architectural model which help us to extract, transform and load is an efficient and effective way.*
- 2003 - 2005 **Higher Secondary Certificate (Science)**
Dhaka Residential Model College, Dhaka
- 2001 - 2003 **Secondary School Certificate (Science)**
Patuakhali Govt. Jubilee High school, Patuakhali

Research Publications

Journal Articles

- 1 **Rahman et al.** (2023). Potato leaf disease prediction: A machine learning perspective. *Journal of Scientific and Technological Research (JSTR)*, 5(1), 27–35.
[doi:https://doi.org/10.59738/jstr.v5i1.23\(27-35\).kacr3648](https://doi.org/10.59738/jstr.v5i1.23(27-35).kacr3648)
- 2 **Rahman, M M.** (2023). Analyzing online platforms and enhancing quality at bangladesh open university: An ideal lms. *Journal of Scientific and Technological Research (JSTR)*, 5(1), 65–73.
[doi:https://doi.org/10.59738/jstr.v5i1.23\(65-73\).tmcn1813](https://doi.org/10.59738/jstr.v5i1.23(65-73).tmcn1813)
- 3 **Rahman, M M.** (2022). Implementing online courses at bangladesh open university: Challenges and prospects. *Journal of Scientific and Technological Research (JSTR)*, 4(1), 44–51.
- 4 **Rahman, M M & Dey, S. K.** (2022). Banglavax: An interactive dashboard to track the covid-19 vaccination progress in bangladesh. *Journal of Scientific and Technological Research (JSTR)*, 4(1), 82–91.
- 5 **Rahman, M M & Dey, S. K.** (2020). Rationale of ICT syllabus at different education level in bangladesh. *Journal of Teacher Education*.
- 6 **Rahman, M M, Dey, S. K. & Howlader, A.** (2020). Jago nari: Rise of women in bangladesh to eradicate sexual harassment using emerging technologies of android application. *International Journal of Scientific Development and Research*, 5(3).
- 7 **Rahman, M M, Dey, S. K. & Shibly, K. H.** (2020). Advanced single image resolution upsurging using a generative adversarial network. *Signal Image Processing: An International Journal*, 11(1), 51–60.
[doi:10.5121/sipij.2020.11105](https://doi.org/10.5121/sipij.2020.11105)
- 8 **Rahman, M. M., Ahmed, S., Islam, M. S. & Rahman, M M.** (2013). An effective ranking method of webpage through TFIDF and HYPERLINK CLASSIFIED PAGERANK. *International Journal of Data Mining Knowledge Management Process*, 3(4), 159–156. [doi:10.5121/ijdkp.2013.3411](https://doi.org/10.5121/ijdkp.2013.3411)

Technical Skills



Programming Language	■ Prolog, LISP, Assembly Language, C, C++, C#, Java, Python.
Scripting Language	■ JavaScript, HTML, CSS, PHP, SQL, XML/XSL, \LaTeX .
Databases	■ MySQL, PostgreSQL, SQLite, Oracle.
Simulation	■ PSpice, Verilog, MATLAB, SIMULINK.
Tools	■ PyCharm, Anaconda, Microsoft Visual Studio, JDK, J2me, Macromedia Dreamweaver, ArgoUML, Netbeans, Idea.
Operating Systems	■ Microsoft Windows, Linux, Solaris, FreeBSD.
Misc.	■ Academic research, teaching, training, consultation, \LaTeX typesetting and publishing.

Languages






Bengali	■ Mother tongue
English	■ Good User

Miscellaneous Experience







Achievements

- 2013 - 2014  **M.Sc Fellowship from Ministry of Post, Telecommunication and Information Technology, Bangladesh**, Masters' Thesis.
- 1998-2005  **Bangladesh Krishi Bank and Education Board Scholarship**, for academic performance and SSC result.

Short Course/Online Course

- 2016  **Emerging Technologies for 5G Cellular Communication** organized by *EEE, IUT, Bangladesh*.
-  **Embedded Software Development** organized by *CSE, IUT, Bangladesh*.
- 2017  **Introduction to CyberSecurity** in *APNIC Academy*, sponsored by *JICA*.
-  **Teaching for Active Learning (TAL)** organized by *Foundation for Learning Teaching and Research, Bangladesh*.
-  **Understanding Open Educational Resources using Technology -Enable Learning Lounge** by *COL*

Training/Workshop


- 2014 - 2015  **C#.Net** supported by *Bangladesh Hi-Tech Park Authority*.
- 2016  **Development of eContent to deliver digitally** organized by *BOU and Commonwealth Educational Media Centre for Asia (CEMCA), India*.
-  **OER Capacity Building Programme for BOU Academics** organized by *BOU and Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi, India*.
-  **Technology for Education** organized by *DIU and HRDI, Bangladesh*.
- 2017  **Research Methodology** organized by *East West University CRT, Bangladesh*.
- 2018  **Blended-Learning Courseware for Asia Region** jointly organized by *BOU and DU, Bangladesh*.


Professional Membership

- 2016  **Bangladesh Computer Society (BCS)** *Life Member, M-02025*.
- 2022  **Bangladesh Data Science Society (BDDS)** *Vice President*.


References


Dr. Muhammad Mahbub Alam *Professor, Department of Computer Science and Engineering*
Islamic University of Technology, Dhaka, Bangladesh.

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Bangladesh Open University, Dhaka, Bangladesh.

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