

## MD TAMZID HASAN

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### Home Address

House- 268, Flat- C4,  
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### Work Address

NSU Global Health Institute  
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### Career Objective

To build up a career in public health and development, including research.

### Education

North South University (NSU) Master of Public Health (MPH) Major in Epidemiology Grade Point Average: 3.88 on a 4.00 scale.	December 2022
Chalmers University of Technology (CTH) MSc in Electric Power Engineering	<i>on hold</i>
Southeast University, Bangladesh (SUB) Master of Business Administration Major Human Resource Management Grade Point Average: 3.59 On a 4.00 scale.	June 2016
Ahsanullah University of Science & Technology (AUST) BSc in Electrical & Electronic Engineering Grade Point Average: 2.722 on a 4.00 scale.	June 2011

### Academic Research Experience

**MPH thesis on** *Prevalence of Myopia and Dry Eye Disease (DED) among the Digital Device Users of Female Student of North South University.*

Supervised by: Dr. Dipak Kumar Mitra, Dean, School of Health and Life Science, Professor, Department of Public Health, North South University, Dhaka, Bangladesh.

**Project work on** *PTSD, Insomnia, and Suicidal Ideation among the Firefighters of Bangladesh: A cross-sectional study.*

Funded by: Bangladesh Medical Research Council (BMRC).

Supervised by: Dr. Mohammad Delwer Hossain Hawlader, Ph.D, Associate Professor, Department of Public Health, North South University, Dhaka, Bangladesh.

**MPE power engineering design project on** *Diagnostics of a High Voltage Converter Transformer using Non-destructive Methods.*

Supervised by: Yuriy Serdyuk, Assistant Professor, Head of Power grids and Components, Department of Electric Power Engineering, Chalmers University of Technology.

Co-Supervisor: Xiangdong Xu, Researcher at Power grids and Components, Department of Electric Power Engineering, Chalmers University of Technology.

**Undergraduate thesis on** *Performance Analysis of Boost Inverter for using in PV System.*

Supervised by: Md Jakaria Rahimi, Assistant Professor, Department of Electrical and Electronic Engineering, Ahsanullah University of Science and Technology, Dhaka, Bangladesh.

## **Professional Experience in the Research Sector**

**Consultant**, Jhpiego Bangladesh, Gulshan-2, Dhaka January 2023 – February 2023

- Develop a Health Facility Readiness Assessment Tool for Maternal Immunization in Bangladesh.
- Collaboration with EPI & Surveillance, MNCAH, Directorate General of Health Services, Ministry of Health and Family Welfare, Bangladesh.
- Propose and prepare a draft new tool for assessing facility readiness for the provision of maternal immunization
- Train data collectors to help roll out of HF readiness tool.

**Research Assistant**, Global Health Institute, North South University, Dhaka August 2022 – December 2023

- Transcription and translation of IDIs, KIIs, and FGDs.
- Proposal and questionnaire development, field survey, data monitoring, and data entry.
- Grant proposal writing for the fund and development of the project.
- Manuscript writing for publication.

**Graduate Teaching Assistant**, Department of Public Health, North South University, Dhaka June 2022 – January 2023

- Assist faculty members with classroom instruction, exams, record keeping, and other miscellaneous projects and develop course plans.
- Assist academic staff with the development or update of learning materials, proctor exams, and record grades in the grade book.
- Course curriculum development for the undergraduate students.
- Tutor or mentor students in class or outside.

## **Mentionable Projects Work**

**Contributor** to the development of *Health Facility Readiness Assessment (HFRA) Tool for Maternal Immunization (MI) in Bangladesh*.

Published by: Expanded Program on Immunization (EPI), Maternal, Neonatal, Child & Adolescent Health (MNC&AH), Directorate General of Health Services (DGHS), Ministry of Health and Family Welfare (MoHFW), Bangladesh.

Supported by: Jhpiego

**Consultant** of the project on *Maternal Immunization Readiness Initiative (MIRI)*.

Funded by: Bill & Melinda Gates Foundation

Supported by: International Vaccine Access Center (IVAC)

Initiated by: Jhpiego Bangladesh

**Qualitative Data Collector** of *A study on people's perception, experience, and usage of health facilities (2023)*. Study Area: FDMN Camps, Cox's Bazar, Bangladesh

Funded by: International Organization for Migration (IOM)

Implemented by: NSU Global Health Institute (NGHI)

**Research Assistant** on *Evaluation of the project USAID's Community-Health-Systems Strengthening Activity (CHSS): Project Monitoring & Evaluation (2023)*.

Funded by: BRAC

Principal Investigator: Prof. Ahmed Hossain, Ph.D, Director, NSU Global Health Institute (NGHI).

## Journal Publication

Azaz Bin Sharif, **Md Tamzid Hasan**, Syed Sharaf Ahmed Chowdhury, and Satyajit Kundu (2023): *Inequalities in early initiation of breastfeeding in Bangladesh: An estimation of relative and absolute measures of inequality*. International Breastfeeding Journal. <https://doi.org/10.1186/s13006-023-00584-y>

Azaz Bin Sharif, **Md Tamzid Hasan**, Md. Habib Naziat, Tahmina Zerin, and Satyajit Kundu (2023): *Permanent, long-acting, and short-acting reversible contraceptive methods use among women in Bangladesh: An analysis of Bangladesh Demographic and Health Survey 2017-2018 data*. BMJ Open 2023;13:e073469. doi:10.1136/bmjopen-2023-073469

Md Jakaria Rahimi, **Md Tamzid Hasan**, Ripan Kumar Dhar, Md Shaheer Ibne Islam, Khatune Jannat Siddiqua, and Shahriar Azgar (2011): *Performance Analysis of Boost Inverter for Photovoltaic System*. IJETSE International Journal of Emerging Technologies in Science and Engineering, Vol.5, No.2, Dec 2011.

## Skills

**Software Skills:** Microsoft Office Applications (Word, Excel, Powerpoint, Outlook), LaTeX Editor, Webpage design with Google Sites.

**Data Analysis & Visualization:** R, Rstudio, STATA, SPSS.

**Data Collection Tools:** Kobo Toolbox

**Reference Management Tools:** EndNote, Mendely, Zotero

**Research Skills:** Conduct study, Proposal writing, Study design, Sample estimation, Budget preparing, Developing study tools, Data collection and updated the database, Monitoring & Evaluation the project or program.

**Other Skills:** Abilities to develop action plans to achieve the organisational goals. Good coordination skills to utilize both internal and external resources, Good coordination with **EPI, MNC&AH, DGHS, MoHFW, Bangladesh** and other international organizations, Good ability to create workshop and training materials.

## References

Available upon request.