

Md. Tarek Hasan

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Education

- 2025- **MPH**, Master of Public Health, North South University
GPA : Study ongoing
- 2016-18 **M.Sc.**, Nutrition and Food Technology, Jashore University of Science and Technology, Jashore, Bangladesh
GPA : 3.33/4.0 [\[link\]](#)
- 2011-15 **B.Sc.**, Nutrition and Food Technology, Jashore University of Science and Technology, Jashore, Bangladesh
GPA : 3.69/4.00, Ranked **4th**/32 [\[link\]](#)

Independent Learning

- 2020-24 Personal setbacks during my M.Sc. impacted my academic performance, but they fuelled my drive to rebuild and embark on a focused period of self-learning, enabling my return to academia. During this period, I:
- Completed reading 408 books across diverse genres. [\[link\]](#)
 - Improved **GRE**: 305 → 313 (Verbal: 155, Quant: 158, AWA: 3). [\[link\]](#)
 - Raised **TOEFL**: 83 → 104 (**Reading**: 30, Listening: 24, Speaking: 24, **Writing**: 26)
 - **Represented my undergraduate institution** in 16.1 km ocean swim. [\[link\]](#)

Research Interests

- Public Health • Nutritional Epidemiology • Genomic Epidemiology

Research Experience

- 2019-20 Research Assistant under Asst. Prof. [Rajib Kanti Roy](#) (M.Sc. Supervisor), Jashore University of Science and Technology [\[link\]](#)
- Worked on two projects: nutritional status assessment of preschool children; dietary diversity assessment of type 2 diabetes patients.
 - Prepared three manuscripts for publication.
 - Mentored two undergraduates in data collection, analysis, and project writing.

Publications

 [Google Scholar](#)

Journal Articles

- J1. Haque, M. U., **Hasan, M. T.**, Rahman, A. S., Hasan, M. M., Islam, S. & Chouduri, A. U. Prevalence of and Factors Associated with Undernutrition in Southern Bangladesh: A Cross-Sectional Study. *International Journal of Child Health and Nutrition* **12**. <https://doi.org/10.6000/1929-4247.2023.12.02.2> (2023).
- J2. Shamimuzzaman, M., Roy, R. K., Majumder, T. R., Barman, N. C., Lina, N. N., **Hasan, M. T.** & Dash, B. K. Microbial profile of some ready-to-cook frozen food items sold in Dhaka city, Bangladesh. *Food Science and Human Wellness* **11**. <https://doi.org/10.1016/j.fshw.2021.11.021> (2022).
- J3. Sultana, S., Lina, N. N., **Hasan, M. T.**, Ferdaus, M. J., Dash, B. K., Ahmad, T. & Roy, R. K. Dietary diversity and associated health status of newly diagnosed type 2 diabetic patients in Jashore region of Bangladesh. *Current Research in Nutrition and Food Science Journal* **8**. <https://dx.doi.org/10.12944/CRNFSJ.8.2.09> (2020).

Conference Paper

- C1. Chowdhury, S. R., **Hasan, M. T.**, Nowshin, M., Uddin, A., Billah, M. M. & Roy, R. K. *Effects of COVID-19 lockdown on lifestyle and dietary habit changes of people from southern Bangladesh in The 2nd International Conference on Genomics, Nanotech, and Bioengineering-2022* (2022). https://www.researchgate.net/publication/364330892_Effects_of_COVID-19_lockdown_on_lifestyle_and_dietary_habit_changes_of_people_from_southern_Bangladesh.

Research Skills

- **Statistical:** Chi-square test, t-test, ANOVA, correlation and regression analysis
- **Biochemical:** Proximate and nutritional analysis of foods
- **Microbiological:** Basic culture-based techniques, anaerobic culture

Technical Skills

- R Programming (Intermediate) • LaTeX (Intermediate) • Markdown (Intermediate)
- Typing Speed: 81 Words Per Minute [\[link\]](#)

Membership

- **American Society for Nutrition** (Joined - October 2024) [\[link\]](#)

Extracurricular Activities

- **Captained** Department Football Team – Reached Semifinals, University Tournament.
- Finished Dhaka International Marathon, 2023. [\[link\]](#)

References

- Available upon request.