

# Md. Tarek Hasan

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## Education

- 2015-17      **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-  
Present      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 university in 16.1 km ocean swim across Bangla Channel. [\[link\]](#)

## Research Experience

- 2019-20      Research Assistant under Asst. Prof. [Rajib Kanti Roy](#) (M.Sc. Supervisor), Jashore University of Science and Technology [\[link\]](#)
- Worked on a state funded project named "Microbial, heavy metals and food safety analysis of abandoned newspapers used as food packaging medium."
  - Prepared three manuscripts for publication.
  - Mentored two undergraduates in data collection, analysis, and project writing.

## Research Interests

- Nutrient-Gene Interactions • Sports Nutrition and Human Performance

## 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. **Hasan, M. T.**, Islam, S. N., Basir, I. A., Biswas, B. K., Lina, N. N. & Roy, R. K. *Detection of Worst-Case Microbial Load in Rejected Papers used as Food Packaging Medium in Bangladesh in 32nd BSM Annual Conference 2019 on Trends in Microbiology for Sustainable Agroecological Development* (2020). DOI: [10.13140/RG.2.2.32162.86729](https://doi.org/10.13140/RG.2.2.32162.86729).

## 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, western blotting

## Technical Skills

- R Programming (Upper Beginner) • LaTeX (Intermediate) • Markdown (Intermediate)
- Typing Speed: 73 Words Per Minute [\[link\]](#)

## Membership

- **American Society for Nutrition** (Joined - October 2024)

## Extracurricular Activities

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

## References

- Available upon request.