

Sayed Huzaifa Mumit

4386-Chittagong, Bangladesh || sayedhuzaifamumit.wordpress.com
huzaifamumit2004@gmail.com

Education

2024 - University of Science and Technology Chittagong (Ongoing)

- B. S. (Hons.) in Biochemistry and Biotechnology, CGPA 3.88/4 (1st semester)
-

Professional Profiles

- **ResearchGate:** Sayed Huzaifa Mumit
 - **Google Scholar:** Sayed Huzaifa Mumit
 - **ORCID:** 0000-0003-1048-4072
 - **LinkedIn:** Sayed Huzaifa Mumit
 - **GitHub:** gnosiverse
 - **Academia.edu:** Sayed Huzaifa Mumit
-

Publications & Research

1. **Production of Methane Gas from Rain Water and Carbon Dioxide (2023)** DOI: [10.13140/RG.2.2.21744.23049](https://doi.org/10.13140/RG.2.2.21744.23049)
2. **Eco-Friendly Water Purification Using Solar-Powered Distillation and Activated Carbon (2024)** DOI: [10.33774/coe-2024-ztkpb](https://doi.org/10.33774/coe-2024-ztkpb)
3. **Reduction of Irrigation Water in Agriculture Using Eco-Friendly Biological Sponge from Luffa (2024)** DOI: [10.13140/RG.2.2.17062.13123](https://doi.org/10.13140/RG.2.2.17062.13123)
4. **Sustainable Diapers and Pads from Water Hyacinth and Coconut Coir (2024)** DOI: [10.21203/rs.3.rs-5453339/v2](https://doi.org/10.21203/rs.3.rs-5453339/v2)

5. Investigation of the Effectiveness of Using *Luffa Cylindrica* to Reduce Water Consumption in Agriculture.(2024)

[10.62622/TE/EE.024.2.4.18-27](#)

Conference Presentations

- **APS GLOBAL YOUTH SUMMIT 2025** – *Graviton and Anti-Graviton Charges on Space-Time Curvature and Gravitational Dynamics*
- **RURS 1st International Students Conference 2024** – *Trends in Microbial Culture and Antibiotic Sensitivity in Pediatrics*
- **XYLEM GLOBAL WATER CHALLENGE 2024** – *Using Sponge Gourd for Purifying Microplastics*
- **StoInternational Peer-Reviewer of Manuscript for the International Journal 2025**
[\[https://www.webofscience.com/wos/author/record/MCJ-3786-2025\]](https://www.webofscience.com/wos/author/record/MCJ-3786-2025)
- **ckholm Junior Water Prize 2023** – *Methane Gas Production from Rainwater and CO₂*

Peer Review

- **International Peer-Reviewer of Manuscript for the International Journal 2025**
[\[https://www.webofscience.com/wos/author/record/MCJ-3786-2025\]](https://www.webofscience.com/wos/author/record/MCJ-3786-2025)
-

Technical & Soft Skills

Soft Skills

- Leadership & Management
- Public Speaking & Science Communication
- Team Collaboration & Conflict Resolution
- Adaptability & Lifelong Learning

Hard Skills for Your Profile

Research & Scientific Analysis

- Phytochemistry Analysis
- Molecular Docking & Virtual Screening
- Network Pharmacology
- In Silico ADMET & Toxicity Prediction

Programming & Computational Tools

- R Programming (esp. for Bioinformatics & Biostatistics)
- Linux/UNIX Shell (e.g., terminal commands, system cleanup)
- LaTeX (scientific documentation)
- Cytoscape / AutoDock / SwissADME (domain-specific tools)

Tech & Development

- Full Stack Web Development (HTML, CSS, JS, Node.js, etc.)
-

Languages

- **English:** Intermediate Proficiency
 - **Bengali & Chittagonian:** Native Fluency
 - **Arabic:** Reading Proficiency
-

Entrepreneurial & Leadership Experience

- **Co-Founder, A TimesM Global** – A Multiple Sector Based Startup.

- **Founder, Gnosiverse** – Developing Gnosidoor, a social media platform for academic networking.
 - **Co-Founder, Manoshota** – Contributed to global mental health consulting, assisting 5,700 individuals in 13 hours.
-

Scholarships & Fellowships /Grant

- APS Diversity Forum Scholarship | American Physical Society (2024)
 - Wiki Scientist Summer Program Scholarship | Wikipedia (2024)
 - Oxbridge Scholarships | University of Oxford & Cambridge (2022 & 2023)
 - Academia Engineering Publication Grant (2024)
 - Trends in Ecological & Environmental Engineering Journal (2024)
 - AB Memorial Fellowships (2022)
-

Awards & Recognitions *(Selective only)*

- Medalist, 16th National Bangladesh Astro-Olympiad (2022)
 - Finalist, Stockholm Junior Water Prize (2023)
 - Top-Ranked, People's Choice – Xylem Global Innovation Challenges (2024)
 - Jamboree Award, 10th Bangladesh & 3rd South Asian Association of National Scouts Jamburee.
-

Professional Memberships

National Organizations

- Graduate Member, BYLC Graduate Network (2021–Present)
- Alumni Member, House of Volunteer Bangladesh (2023- Present)

International Organizations

- Member, Astrophysics, American Physical Society (2024-Present)
 - Member, Biophysics, American Physical Society (2025- Present)
 - Member, American Society for Microbiology (2025-Present)
 - Member, American Mathematical Society (2025 -Present)
 - WikiScientist, Wikipedia (2024-Present)
-

Special Academic Acceptances

- Aspire Leaders Program, Harvard University (2024)
 - Wiki Scientist Summer Program, APS (2024)
 - Oxbridge Scholars Program, University of Oxford & Cambridge (2022 & 2023)
-

Teaching & Leadership Roles


- APS Wiki Scientist, Wikipedia (2024–Present)
 - IAU OAO Venture Translator, International Astronomical Union (2024)
 - Academic Olympiad Trainer, Deviation Scientific Society (2023–Present)
 - Senior Patrol Leader, Chattogram Metropolitan Scouts (2018–2021)
-

Competitions & Research Challenges


- MIT SOLVE 2024
 - CERN Beamline for Schools (BL4S) 2024
 - 3rd SAANSO & 10th Bangladesh Scouts Jamboree (2019)
-

References:

Dr. Md Monirul Islam,

Assitant Professor,
Faculty of Life Sciences,
NSTU, Bangladesh
Postdoc Fellow, **Aichi Medical University, Japan.**
Tutor and Supervisor in College.
 monirul.islam@ustc.ac.bd

Md. Monsurul Islam,

Assitant Professor,
Department of Physics,
Satkania Govt. College, Chittagong, Bangladesh.
Phd Candidate, **University of Nottingham.**
Taught physics in 12th grade.
 ershad87bd@gmail.com

Dr. Jeffrey M. Keefer,

Adjunct Assistant Professor,
Project Management & Information Technology
Education, **New York University, USA**
Advisor at Wikipedia | Mentored during APS
Wiki Scientist Course.
 jk904@nyu.edu