

# Sayed Huzaifa Mumit

4386-Chittagong, Bangladesh | [sayedhmumit.github.io](https://sayedhmumit.github.io) | [sayedhuzaifamumit.wordpress.com](https://sayedhuzaifamumit.wordpress.com) | [huzafamumit2004@gmail.com](mailto:huzafamumit2004@gmail.com)

## Education

**University of Science and Technology Chittagong** (Ongoing)      **July, 2024- Present**  
B. S. (Hons.) in Biochemistry and Biotechnology

## Research Experiences

**Bangladesh Bioscience Research Group -(BBRG)**      **October, 2024 - Present**  
Undergraduate Research & Primary Affiliation  
**Fields**

RNA Biology, Genomics & CRISPR  
Immunology  
Phytochemistry

**Independent High School Researcher**      **2019-2023**  
**Fields:**

Theoretical Astrophysics (Quantum Gravity)  
Renewable Energy  
Environmental Science

## Scholarly Involvement

- Selected Panelist, **Cambridge Academic Panel**, Cambridge University Press (2025–Present)  
— Participating in shaping academic publishing practices through feedback on research and author experience.

## Professional Profiles

**ResearchGate:** [Sayed Huzaifa Mumit](https://www.researchgate.net/profile/Sayed-Huzaifa-Mumit)  
**Google Scholar:** [Sayed Huzaifa Mumit](https://scholar.google.com/citations?user=0000-0003-1048-4072&hl=en&oi=ao)  
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**LinkedIn:** [Sayed Huzaifa Mumit](https://www.linkedin.com/in/sayed-huzaifa-mumit/)  
**GitHub:** [gnosiverse](https://github.com/gnosiverse)  
**Academia.edu:** [Sayed Huzaifa Mumit](https://www.academia.edu/10484072/Sayed_Huzaifa_Mumit)  
**Web of Science:** [Sayed Huzaifa Mumit](https://scholar.google.com/citations?user=0000-0003-1048-4072&hl=en&oi=ao)

## Publications & Research

1. Methane Production via Sabatier Reaction Using Hydrogen from Rainwater Electrolysis and Captured Carbon Dioxide v1:(2023)|v2:(2025)  
DOI: <https://doi.org/10.33774/coe-2025-lk4r7-v2>
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 v1:(2024) | v2:(2025)

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)

DOI: [10.62622/TEIEE.024.2.4.18-27](https://doi.org/10.62622/TEIEE.024.2.4.18-27)

## Conference Papers

Presenting Author[1st]

- 1 **6th International Conference on Biotechnology in Health and Agriculture** by Global Network of Bangladeshi Biotechnologist- Prevalence of Iron Deficiency Anemia and Evaluation of Corrected Calcium as a Biochemical Parameter Among Young Adults in Chattogram, Bangladesh.
- 2 **RURS 1st International Students Conference 2024** - Trends in Microbial Culture and Antibiotic Sensitivity in Pediatrics
- 3 **XYLEM GLOBAL WATER CHALLENGE 2024, Stockholm, Sweden** - Using Sponge Gourd for Purifying Microplastics
- 4 **Stockholm Junior Water Prize 2023** - Methane Gas Production from Rainwater and CO<sub>2</sub>
- 5 **American Physical Society Physics Summit 2025, Anaheim, California, USA** - Graviton and Anti-Graviton Charges on Space-Time Curvature and Gravitational Dynamics [Acceptance only not attended]

## Peer Reviewer

- 1 International Peer-Reviewer of Manuscript for the International Journal 2025  
<https://www.webofscience.com/wos/author/record/MCJ-3786-2025> International Journal of Plant and Soil Science

## Books

- 1 From Concept to Publication: A Comprehensive Guide to Preparing a High-Quality Research Manuscript for International Journals  
[VISIT](#)
- 2 Meta Analysis of Skills An All Inclusive Manual: Sayed Huzaifa Mumit  
[VISIT](#)

## Technical & Soft Skills

### Soft Skills

- Leadership & Management
- Public Speaking & Science Communication

- Team Collaboration & Conflict Resolution
- Adaptability & Lifelong Learning

## Hard Skills

### Research & Scientific Analysis

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

### Programming & Computational Tools

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

## Languages

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

## Entrepreneurial & Leadership Experience

- Co-Founder, A TimesM Global - A Multiple Sector Based Startup.
- Co-Founder, Manoshota (2021-2022) - 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 Jamboree.

## 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 Mathematical Society (2025-Present)
- Wiki Scientist, 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

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

## References

**Dr. Md Monirul Islam**

Faculty Member, BMB  
NSTU, Bangladesh.  
Postdoc Fellow, Aichi Medical University,  
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Tutor and Supervisor in College & Re-  
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**Dr. Jeffrey M. Keefer**

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Project Management &  
Information Technology Education,  
New York University, USA.  
Advisor at Wikipedia | Mentored during  
APS Wiki Scientist Course.  
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**Md. Monsurul Islam**

Assistant Professor, Department of Physics,  
Satkania Govt. College, Chittagong, Bangladesh.  
PhD Candidate, University of Nottingham.  
Taught Physics in 12th grade.  
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