

# Sayed Huzaifa Mumit

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## Education

**2024 - University of Science and Technology Chittagong (Ongoing)**

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

- **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*
- **Stockholm Junior Water Prize 2023** – *Methane Gas Production from Rainwater and CO<sub>2</sub>*
  - **APS GLOBAL YOUTH SUMMIT 2025** – *Graviton and Anti-Graviton Charges on Space-Time Curvature and Gravitational Dynamics [Acceptance only not attended]*

## 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)
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# 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.)
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## Languages

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

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## Special Academic Acceptances

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

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

*Dr. Md Monirul Islam,*

**Assitant Professor,**  
Faculty of Life Sciences,  
**NSTU, Bangladesh**  
Postdoc Fellow, **Aichi Medical University, Japan.**  
Tutor and Supervisor in College & Research.  
 [shafinbiochemistry@gmail.com](mailto:shafinbiochemistry@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.

***Md. Monsurul Islam,***  
**Assitant Professor,**  
Department of Physics,  
**Satkania Govt. College, Chittagong, Bangladesh.**  
**Phd Candidate, University of Nottingham.**  
Taught physics in 12th grade.  
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