
Ashrafi Anjuman Sneha

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Research Interests

Neurobiology, Immunology, Tissue engineering, 3D Bioprinting, Regenerative medicine, Cancer biology, Medical biotechnology, Diagnostics

Education

Bachelor of Science in Biochemistry & Biotechnology (Summer 2020- present)

Independent University, Bangladesh (IUB) Dhaka, Bangladesh (Medium of instruction: English)

-Obtained Grade: CGPA 4.00/4.00 (Running; 93 Credits earned)

A level (2019)

Academia

-Obtained Grade: GPA 5.00/5.00

O level (2016)

Scholars International School

-Obtained Grade: GPA 5.00/5.00

Experience

Former Chief Academic Officer at "Health and Hygiene Olympiad". (2021-2022)

- Oversaw and guided the academic team
- Developed the syllabus
- Research and content development
- Prepared materials for workshops in rural areas of Bangladesh for underprivileged children in order to prepare them to compete with their more privileged peers on the same platform
- Received certificate of excellence for active and invaluable participation

Senior Executive, International Relations, at "Community of Biotechnology". (2021-present)

- International outreach
- Arranged different webinars, workshops and training programs.
- Organizer and host at many events including "International Biotech Symposium, 2021", "DNA Fest, 2021", "COB COVID-19 Aid Program, 2021", "AMR Fest, 2021", webinar series "Women in STEM".

Founding Director at "STEM Community IUB, STEMclUB" (2022-Present)

- Overseeing all operations, Outreach
- Chief Editor of STEMclUB Newsletter "Spectrum"
- Organizer and host at many events including "Women In STEM: Heroes Among Us; an online international symposium celebrating women in STEM", "Darwin Regional Conference, 2023", "Sci-Fi Writing Competition", "Antimicrobial Awareness Campaign"
- Organizer of different STEM-based workshops including workshops on 3D printing, R programming language and Bio-informatics.

Treasurer at "Life Sciences Club, IUB" (November 2022-present)

- Managing finances and records

Student Tutor at "BioTeach" by Life Sciences Club IUB (April 2023- Present)

Judge at Poster Presentation Competition "Biowall" by Life Sciences Club IUB (April 2023-Present)

Campus Ambassador at "Helix- KU Biotech Career Club". (September 2021-Present)

Ongoing Research/Projects:

- Molecular detection and extraction of Azurin protein from *Pseudomonas Aeruginosa*

Awards, Grants and Honors

- 2nd Runner Up at “1st Jamal Nazrul Islam National Conference 2022 for Young Researchers”, Research Poster Presentation, Category: Medical & Health Sciences, organized by Chittagong University Research and Higher Study Society.
- Winner at “Antimicrobial Awareness Contest, 2021”, Category: Write-up, Organized by Life Sciences Club, IUB.
- Dean’s List (Spring and Autumn 2021) for CGPA 4.0
- 1st Runner Up at “Language of Love Competition”, Category: Write-up (Poem), Organized by Sociology Club, IUB. (February 2022)
- “The Daily Star Award of Excellence, 2017”, Organized by The Daily Star.
- Winner at “Science Fair, 2014”, Organized by Dinajpur Science Academy
- Winner at “Physics Olympiad, 2014”, Organized by Dinajpur Science Academy
- “Spelling Bee, 2013”, Divisional round, Organized by The Daily Star.

Conferences/ Workshops/ Trainings (selected)

- 1st Jamal Nazrul Islam National Conference 2022 for Young Researchers, Chittagong University Research and Higher Study Society. (March 2022)
- 2nd International Conference on Genomics, Nanotech and Bioengineering, School of Health and Life Sciences, North South University (June 2022)
- “National Seminar on Biotechnology for Sustainable Development Goals 2022”, Department of Genetic Engineering and Biotechnology, Jagannath University.
- 1st RSG CompBio Symposium: Computational Biology for Adapting 4IR, Organized by ISCB RSG Bangladesh. (March 2023)
- “R programming” training program by The Learning Hub.
- Workshop on “Bio-informatics” by STEM Community IUB.

Affiliations / Organizations/ Leadership Activities

- Member of American Society for Microbiology (MSM).

Skills & Competencies

- **Research/Laboratory based:** Molecular Biology & Microbiological techniques, Bioinformatics tools.
- **Language:** Bengali (native), English (full professional proficiency), Hindi & Urdu (speaking and listening), French (beginners)
- **Software:** Microsoft Office, Bio-informatics tools, Canva, Python Programming Language (beginner level) and R Programming language (beginner level).

References

Salman Khan Promon

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