



Mr. Izaaz F

Assistant Professor - Biological Sciences

Department of Humanities and Biological Sciences

School of Engineering

Dayananda Sagar University, Bengaluru, Karnataka, India

Official Email: izaaz-bio@dsu.edu.in

1. ABOUT / PROFESSIONAL PROFILE

Mr. Izaaz F is currently serving as an Assistant Professor of Biological Sciences at the School of Engineering, Dayananda Sagar University. He holds an M.Sc. in Microbiology with First Class Distinction from St. Joseph's College (Autonomous), Bengaluru. He has experience in teaching, research, and industry, with teaching experience spanning postgraduate and school-level education in biotechnology, microbiology, science, and mathematics.

His research experience includes work as a Research Intern at the Centre for Natural Biological Resources and Community Development (CNBRCD), where he worked on soil microbiology with a focus on Arbuscular Mycorrhizal (AM) fungi and their role in plant health and growth. He also gained industry exposure as a Quality Control Microbiology Trainee at Steriscience Specialties Private Limited.

His research interests include microbial ecology, soil and agricultural microbiology, plant-microbe interactions, environmental microbiology, microbial genomics, venomomics, and sustainable technologies. He is actively involved in teaching, student mentoring, and academic activities, with an emphasis on integrating theoretical knowledge with practical and application-oriented learning.

2. RESEARCH INTERESTS

- Microbial Ecology & Environmental Microbiology
- Plant-Microbe Interactions & Soil Microbiology
- Agricultural Microbiology & Sustainable Agriculture
- Microbial Genomics & Molecular Microbiology
- Environmental Microbiology & Bioremediation
- Applied Microbial Biotechnology
- Venomomics & Biological Sciences

3. ACADEMIC QUALIFICATIONS

- PhD in Microbiology- Jain (Deemed to be University) - School of Sciences - Currently pursuing
- MSc in Microbiology- Bangalore University- 2023
- BSc in Microbiology, Chemistry, Botany- Bangalore University- 2020

4. PROFESSIONAL EXPERIENCE

- Assistant Professor of Biological Sciences —Dayananda Sagar University; October 2025 - Present
- Visiting Faculty – Biotechnology — St. George College of Management, Science and Nursing, Bengaluru; 2024 – 2025
- Trainee – Microbiology — Steriscience Specialties Private Limited; December 2023 – April 2024
- Research Intern — Centre for Natural Biological Resources and Community Development (CNBRCD); 2022 – 2023
- High School Science & Mathematics Faculty — Raintree School and Cambridge Modern Public School, Bengaluru; 2023 – 2025

5. ACADEMIC PROFILES

ORCID: <https://orcid.org/0009-0005-3158-0911>

6. CONTACT

Assistant Professor
Department of Humanities and Biological Sciences
School of Engineering
Dayananda Sagar University, Bengaluru, Karnataka, India
Official Email: izaaz-bio@dsu.edu.in