# CURRICULUM VITAE

## Personal Details:

Name: Biswajit Samanta

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## Career Objective:

To contribute to the advancement of microbiology through teaching, research, and entrepreneurship by leveraging my academic background, extensive teaching experience, and practical expertise in microbiological sciences for the benefit of education, industry, and society.

## Professional Profile:

A dedicated microbiologist with 22 years of teaching experience in medical, dental, and paramedical education. Possess strong academic and practical knowledge in microbiology, with demonstrated expertise in classroom instruction, laboratory training, curriculum implementation, student mentoring, academic assessment, and research guidance. Also experienced in entrepreneurship and the development of microbial formulations through applied microbiological research.

## Educational Qualifications:

- Ph.D. in Microbiology

- M.Sc. in Microbiology

## Professional Experience:

- 22 years of teaching experience in medical, dental, and paramedical education.

- Extensive experience in teaching microbiology and allied subjects to undergraduate and postgraduate students.

- Skilled in classroom teaching, practical laboratory training, curriculum implementation, student mentoring, academic assessment, and research guidance.

- Experienced in preparing academic materials, conducting practical demonstrations, and supporting students in conceptual and applied microbiology.

- Involved in fostering scientific thinking, laboratory discipline, and research-oriented learning among students.

## Entrepreneurial Experience:

Owner & Founder – Bengal Biotech and Research

- Founder and owner of Bengal Biotech and Research, engaged in the development and manufacture of microbial formulations. - Expertise in microbiological research, fermentation technology, microbial formulation development, quality assurance, and laboratory management.

- Experience in the commercialization of microbiology-based products for agricultural, environmental, and biotechnology applications.

- Actively promoting innovation and industry–academia collaboration through applied microbiology.

- Committed to developing practical solutions that connect scientific research with real-world applications.

**Areas of Expertise:**

- Medical Microbiology

- Industrial Microbiology

- Environmental Microbiology

- Biotechnology

- Laboratory Management

- Research Methodology

- Diagnostic Laboratory Practices

- Scientific Training and Academic Mentoring

**Key Strengths:**

- Strong subject knowledge in microbiology and allied sciences

- Effective teaching and communication skills

- Practical laboratory handling and supervision

- Student counselling and academic support

- Research orientation and problem-solving ability

- Entrepreneurial mind-set with applied research experience

- Ability to work in academic, research, and industrial environments

**Declaration:**

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place:

Date:

Signature