



## Riya Sarkar

Angadpur, Durgapur - 713215  
+919564159863 / 6295269566 | rsarkardgp@gmail.com

### Objective

Medical Laboratory Technology and Biotechnology professional with high ambition and goals to achieve and also explore myself to the challenging position in an organization that will effectively utilize my experience and offers opportunity for career growth

### Research Interests

- Biotechnology is a kind of our biological engineering associate that have the power of nature to take care of any problems in healthcare, medicine, environmental safety etc. The aim is to prepare and be part of such a research to serve the society positively through my work, knowledge and experience.

### Education

- **The University of Burdwan**  
Bachelor's in Botany 2013-2016
- **Vidyasagar University**  
Master's in Biotechnology 2016-2018
- **Ministry of HRD, Government of India (NIOS)**  
Medical Laboratory Technician Assistant 2018-2019
- **Midnapore City College/ Vidyasagar University**  
Master's in Medical Laboratory Technology 2022- Till date

### Experience

- **Visva-Bharati University** 01/2018 - 04/2018  
Intern  
Dissertation at the Department of Botany, Visva-Bharati university, Santiniketan, Bolpur, on the title of "Comparative studies on the leaves of three solanum species"
- **Bardhaman Jeevon Disha Seva Niketan** April'2019 - June'2019  
Trainee
- **Scan-X Medical Diagnostic Center** 04/02/2019 - 20/03/2020  
Laboratory Technologist
- **Paramedical College Durgapur** 09/11/2020 - 26/04/2023  
Assistant Professor  
Assistant professor at Paramedical college Durgapur, Department of Biotechnology and Department of Medical Laboratory Technology (B.Sc)

### Publications

- **Research article**  
"A Survey on the Evaluation of Dietary Index & Nutritional Knowledge In Female Patients with Type 2 Diabetes Mellitus" published in IJSR with an ISSN NO : 2319-7064 dt. May'2021.

## • Book chapters

1. "NUTRITION AND FUNCTIONAL FOODS IN BOOSTING DIGESTION, METABOLISM AND IMMUNE HEALTH". Edited by Debasis Bagchi and Sunny E. , Copyright © 2022 ELSEVIER Inc. Academic press is an imprint of ELSEVIER, ISBN: 978-0-12-821232-5
2. "ENVIRONMENT CONSERVATION STRATEGIES AND THREATS BIODIVERSITY CONSERVATION" Volume- III. Edited by Mr. Mukul Machhindra Barwant and Dr. Vishnu Kiran Manam, Copyright © 2022 Scieng publication, Tamilnadu-604303(INDIA), ISBN : 978-93-94766-05-1
3. "PRION DISEASES: A RARE GROUP OF NEURODEGENERATIVE DISORDERS " chapter 53 Copyright © 2023 Elsevier Inc. ScienceDirect® is a registered trademark of Elsevier B.V. <https://doi.org/10.1016/B978-0-323-85730-7.00046-1>

## Hands On Experience

- 1. Isolation of DNA
- 2. Gel Electrophoresis
- 3. ELISA
- 4. Microbial Technique
- 5. Biochemical Analysis
- 6. Blood collection
- 7. Haematological tests
- 8. Chromatography (TLC, Paper, Column etc)
- 9. RT PCR techniques

## Achievements & Awards

- • SRA National Award 2022 under the category "Best Teacher". • Entrepreneurship Awareness Camp: presented a seminar on Aquaponics (2nd runner up).

## Skills And Abilities

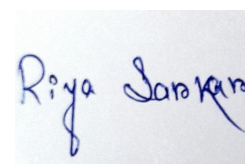
- • Growth and development of project
- Writing
- Finding information off the internet
- Teamwork
- Self motivation

## Subjects Known

- Biochemistry, Microbiology, Hematology, Molecular biology, Genetics, Recombinant Dna technology, Cell biology, Physiology, Toxicology, Agriculture and Aquaculture biotechnology, Industrial biotechnology, Food biotechnology, Immunology

## Declaration

- I, hereby declare that all information provided by me in the curriculum vitae is true to the best of my knowledge and belief.



RIYA SARKAR