

**Reekth Karar**

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**in – [Reekth Karar](#) – [LinkedIn](#)**

## **CARRER OBJECTIVE**

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To work efficiently and effectively as well as grow with a prestigious organization that appreciates and recognizes my ability.

## **WORK EXPERIENCE**

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- **BIOCON BIOLOGICS PVT LTD (September 2024- January 2025)**
  - Performed clarification using continuous centrifuge and Chromatography Operation (Affinity, Ion-exchange) for purification.
  - Conducted Tangential Flow Filtration (TFF) for Ultrafiltration and Diafiltration (UF/DF), along with acid precipitation.
  - Managed and calibrated equipment like pH meters, conductivity meters and other analytical tools to ensure compliance.
  - Ensured adherence to strict cGMP (Current Good Manufacturing Practices), GDP (Good Documentation Practices) and SOPs (Standard Operating Procedure) throughout all stages of production operation.

## **ACADEMIC QUALIFICATION**

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**Vellore Institute of Technology (Vellore), Tamil Nadu**

M.Sc., in Biotechnology (2022-2024)

CGPA: 7.71

**Institute of Genetic Engineering, West Bengal**

B.Sc., in Biotechnology (2019-2022)

CGPA: 9.47

**Hartley Higher Secondary School, West Bengal**

WBCHSE (2017-2019)

Percentage: 64.4%

**Hartley Public School, West Bengal**

WBBSE (2017)

Percentage: 74.14%

## **PROJECTS**

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- Identification of deleterious SNP's in CBX-4 towards HIF-1 $\alpha$  for causing Hepatocellular Carcinoma.
- Antimicrobial Activity of Tulsi (*Ocimum Sanctum*) against *Escherichia Coli*
- The physico-chemical and antioxidant properties of Almond oil.
- Isolation & characterization of Azotobacter- a nitrogen-fixing bacteria, from soil.

## **TECHNICAL SKILLS**

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**Microbiological techniques** - Isolation and screening of effective microorganisms from soil and water samples, biochemical test.

**Molecular techniques** - Agarose gel electrophoresis, SDS PAGE and PCR.

**Chromatographic techniques** - High-performance liquid chromatography (HPLC), Ultra-Performance Liquid Chromatography (UPLC).

**Spectrophotometric techniques** - Atomic Absorption Spectrophotometer (AAS), Fourier Transform Infra-Red spectrophotometer (FT-IR), UV-Vis Spectrophotometer (UV-Vis).

**Computer knowledge** - MS words, MS Excel (Beginner), Presentation Software – Power point.

**Personal skills:** Leadership skills, Teamwork, Communication skills, Analytical skills, Lab instruments handling.

### **AREA OF INTEREST**

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- Research and Development
- Quality control (Q.C)

### **CERTIFICATION**

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- Industry Readiness Program.

Demonstrated proficiency in techniques on High-end Analytical Instrumentation (HPLC, UPLC). Conducted task on RNA isolation, cDNA synthesis, and western blotting for protein analysis, ELISA.

### **ADDITIONAL INFORMATION**

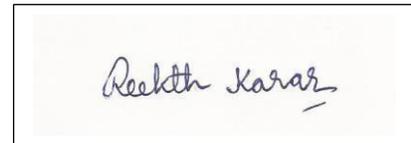
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- **Languages:** Fluent in English, Bengali, Hindi
- **Strength:** Leadership skills, Hardworking, Responsibility, Punctual.

I do hereby declare that the above-mentioned details are true, correct, and complete to the best of my knowledge.

Place: Howrah

Date: 29/04/2025



Reekth Karar