

## **SHEEBA SALEHA ANSARI**

### **Academic Qualification:**

MSC	2024-2026	Mount Carmel College, Bangalore	<b>80.8%</b> (Sem-II)
BSC	2021-2024	St. Xavier College, Ahmedabad	<b>6.76/10</b>
HSC	2015-2017	Kendriya Vidyalaya No.1 Harni, Vadodara	<b>88%</b>
SSC	2005-2015	Kendriya Vidyalaya No.1 Harni, Vadodara	<b>96%</b>

### **Exams Qualified:**

AIIMS MSC Biotechnology Entrance Exam	AIR 142
IIT JAM	AIR 1335
NEET-2021	428/720

### **Work Experiences:**

#### **1. CD4 Academy**

- Potential Clients for Medical Data Annotation Services: To identify and compile a detailed list of companies headquartered in the European Union (EU) and the United Kingdom (UK) that are potential clients for our medical data annotation services.

#### **2. Credora Life Science**

- Participated in a Hands-on practical demonstration covering key molecular laboratory techniques, including DNA and RNA isolation from biological material, real-time PCR, agarose gel electrophoresis and interpretation of results. Gained valuable insights into advanced molecular and cellular biology methods, enhancing technical expertise in experimental workflows and laboratory best practices.

### **Skills:**

**-Biochemical Tests-** Qualitative analysis of carbohydrates and application of spectrophotometer, Quantitative estimation of carbohydrates, standard graph preparation and data interpretation.

**-Clinical Microbiology-** Classification of bacteria based on Gram staining, Preparation and sterilisation of selective media (EMB/ MSA/ MacConkey agar, etc.), Inoculation of pathogenic bacteria into nutrient broth medium, Different methods for the detection of antimicrobial activity.

**-Enzymology-** Extraction of crude amylase enzyme, Determination of amylase enzyme activity using biochemical test

**-Molecular Biology-** Preparation of blood smear and staining of blood cells, Basic concept for preparation of Tank buffer (TBE/TAE) - 6x loading dye and ETBr solution, Genomic DNA isolation from Hair/Nail/Blood, Qualitative analysis of DNA/RNA through Agarose Gel Electrophoresis, Genomic DNA quantification & purity check through UV-VIS spectrophotometer, Development of PCR assay, Performance of PCR in thermal cycler.

**-Immunology-** ELISA, Immunodiffusion Assay, Serum Immunoelectrophoresis.

### **Conferences / Workshops Attended:**

- Attended an online workshop in “**Shaping the Future of Individualised Medicine with Genomics, Digital Health, and Data-Driven Therapeutic Strategies**” by BioNome, Bangalore.
- Attended a training program in “**Artificial Intelligence**” conducted by the Centre of Excellence at Mount Carmel College, Autonomous.
- Attended 02-Days Offline workshop on “**Drug Discovery and Molecular Docking**” conducted by Ethical Edufabrica Pvt.Ltd in association with Pravega, at IISC Bangalore.
- Hands-On Online Workshop titled “**Molecular Docking with Autodock4 and Public-Ready Image Generation**” conducted by **Discovery Boulevard**.
- Participated in the International Conference on “**Navigating Cross-functional collaboration for Ecological Security Pattern**” organised by Mount Carmel College, Autonomous.
- Attended a two-day hands-on workshop on “**Understanding Genetics and Behaviour using Drosophila melanogaster**” at the National Centre for Biological Sciences, Bellary Road, Bangalore.

### **Certification Courses:**

- Ethical Edufabrica Pvt. Ltd. Course in Advanced Bioinformatics with AI application, in association with IIT Kharagpur.
- Swayam NPTEL course on Bioinformatics: Algorithms and Applications.
- Swayam NPTEL course on Biological Data Analysis and visualisation with R.
- Swayam NPTEL course on Foundation of Cloud IoT Edge ML.

### **Community Services:**

- Working as a Volunteer in Read-a-Story, an NGO to improve reading and spoken English in the underserved regions of India.
- Worked as a Volunteer in Aarogya Seva, Jayanagar, aiming to provide Health for all.

### **Personal Skills:**

Intellectual Curiosity, Strong Communication Skills, Leadership qualities, Resilience and Persistence.

### **Personal Profile:**

Date Of Birth:	27.10.1999
Gender:	Female
Languages Known:	Hindi & English
Nationality:	Indian
Hobbies:	Painting, Singing, Reading, Creative Writing, Playing sports like Badminton & Volleyball, Storytelling, Content Creation, and listening to Podcasts.