



**Rima Biswas**  
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Project Co-ordinator

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Currently working in Biochemistry Research Laboratory CIIMS (Central India Institute of Medical Science) at Nagpur as a Project Co-ordinator in an Indo-UK project entitled “*C.difficile in urbanized and tribal Communities in Central India: A Molecular Epidemiological Study*” and “*Multiplex PCR for Determining Aetiology of Infectious Diarrhoea in Rural, Peri-urban and Urban Populations in Central India*”

**Achieved technical skills:**

**Molecular Biology Techniques:**

1. DNA & RNA isolation (bacteria, plant, soil, Blood, Stool and other body fluids)
2. Gel electrophoresis, Metagenomic DNA isolation
3. SDS-PAGE & NATIVE-PAGE
4. Conventional PCR, RT PCR
5. Loop Mediated Isothermal Amplification (LAMP PCR)
6. Expertise in handling Biofires Film array system
7. ELISA

**Microbiological and Biochemical tests/method/analysis:**

Media preparation (specific, minimal etc), Different bacterial isolation techniques from soil/water, Isolation, identification of soil/water microflora diversity analysis, biochemical test (IMViC), antibiotic sensitivity test, Protein assay, Enzyme assay, toxicity test, Biochemistry and immunological techniques-antigen antibody interaction Clinical techniques like SGOT, SGPT, Urine analysis, etc

**Bioinformatics Tools:**

- 1 .BLAST
2. FASTA
3. SPSS Biostatistics tool

**Key Skills**

- Possess strong commitment to team dynamics with ability to contribute expertise and follow leadership directives at appropriate time.
  - A proactive planner with abilities to make effective presentations.
  - Full dedication, hardworking and punctual towards my work. A good speaker and observer
- Objective is to serve innovative ideas and intellect in the field of R&D with dedication, commitment, and result orientation by utilizing R&D experience and hard work to contribute in technological development for the betterment of the society.