

Reshma Sinha

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Objective:

As a committed, creative, and confident educator, my mission is to nurture problem-solving skills, foster innovative and critical thinking in every child, and ensure the holistic development of each child.

Education:

Postgraduate Diploma in Education - International (PGDE-I)

(Partnership with Birmingham City University (BCU), UK)

Indus Training and Research Institute, Billapura Cross, Sarjapur, Bangalore – 562125
2023 to 2024

Master of Engineering in Software Engineering

Birla Institute of Technology, Mesra, Ranchi, Jharkhand

2011 to 2013

First class with distinction (CGPA 8.19)

Bachelor of Engineering in Computer Technology.

Kavikulguru Institute of Technology and Science, Ramtek, Nagpur, Maharashtra

2006 to 2010

First Class (66.37 %)

Teaching Experience: Total 2.5 years

School: St Philomena's Public School, Sarjapura, Bangalore

Period: June 2022 to April 2023

Role: Class Teacher

College: Vidyadaan Institute of Technology and Management

Period: Sept 2013 to Dec 2014

Role: Assistant Professor

Technical Skills:

Languages: Python, Scratch, C, C++, Javascript, COBOL, HTML, Data Structure

Others: Microsoft Office, SDLC

Workshop:

- Training on Networking & Network Management by Nettech, Kolkata in 2013.
- Done PreDac Course by ACTS, PUNE in 2011.

Academic Projects:

ME Thesis: An Improved Algorithm to List All Parsimonious Sequences of Reversals.

DESCRIPTION:

The study of Genome Rearrangement is a challenging task in Bioinformatics. These rearrangement operations are of various types & one of them is Reversal. Here the improved Algorithm is used to find all possible parsimonious sequences of Reversals.

BE Project: Information Retrieval System using text mining approach.

DESCRIPTION:

The main goal of this project is to develop 'Encyclopedia: Information retrieval system using text mining approach', a prototype of a website that provides comprehensive information on different fields such as history, chemistry, math to its user. It also provides a local search engine through which users can search for the required information.

Volunteer Experience:

I undertook a reading initiative, providing personalized guidance to a group of students aimed at enhancing their reading skills and comprehension. As a result of this individualized approach, these students experienced notable improvements in their reading abilities and understanding.