



Name: Dr. Chaitra

Designation: Assistant Professor

**Qualification: Integrated Ph.D in Genome Informatics at R V College of Engineering (VTU)
M.Tech in Bioinformatics at R V College of Engineering, Bengaluru
B.E in Information Science Engineering at JSSATE, Bengaluru**

Experience : Research Scholar at R V College of Engineering - 7 years

Courses Taught: Computational Biology using MATLAB - B.E

Systems Biology using MATLAB - B.E

Bioinformatics - M.Tech

Areas of Research: Genome Informatics

Bioinformatics

AI & ML in Bioinformatics

AI & ML in Sericulture

AI & ML in Agriculture

AI & ML in Horticulture

AI & ML in Healthcare

Key Publications:

- 1. Navigating the Mulberry Genome: Integrating QTL Mapping and RNA-seq for Trait Discovery in Morus indica**
- 2. Genomic Symphony of Morus indica: A Comprehensive study on Drought Resistance, Leaf Yield, and Nitrogen Efficiency of K2 variety**
- 3. Identification of Nucleotide Variants to Analyse Quantitative Trait Loci (QTL) in Drought Resistant Mulberry Cultivar**