# BIODATA



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Assistant Professor

**Affiliation and Address**

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**Educational Qualification:**

**M.Sc.** in Biochemistry from JSS Academy of Higher Education & Research, Mysore, 2018.

**B.Sc.** (Biochemistry, Microbiology, Biotechnology) from JSS College for Women's, Mysore, 2016.

**ACADEMIC PROJECT UNDERTAKEN:**

**Dissertation**:Preliminary Phytochemical Analysis of the Leaf Extracts of *Mimusops elengi L.*

**PROJECT:** Role of *Mimusops elengi* in oral care composition.

*Mimusops elengi* or bakula tree was considered as Danta dadharyakara. This means it is used for treating and curing dental problems. *Mimusops elengi* works as a best medicine for the gums, teeth and oral wounds. Since from few decades, many plants were used for the treatment for wound healing. Proteases are involved in a multitude of physiological reactions from simple digestion of food proteins to highly regulated reactions such as blood cascade, complement system, and apoptosis pathways. Several plant leaves proteases are known to interfere in hemostasis as procoagulants. In this study the leaves of *Mimusops elengi* as examined for wound healing potential. The presence of enzyme protease was recorded in the leaves extracts. The action of different concentration of extract on gelatin indicates the presence of potential proteases.

**Seminar/Workshop/Conference (attended since 5 years)**

- National level Workshop on "Space Technology" (UGC Sponsored).
- National level seminar on "The Perpetual Threat of Emerging and Reemerging Infectious Diseases" (UGC Sponsored).
- National level seminar on "Stem cells to Human Development- Basics and Applications" (UGC Sponsored).
- Poster presentation on "Technical debate in the studies on PET degrading bacterium".

**Strengths:**

- Punctuality and Flexibility to work.
- Ability to work in both team environments and individual environments to achieve targets.
- Good listener, quick learner.
- Comprehensive and problem solving abilities.