

Formulation and Evaluation of Fast Dissolving Polyhebal Antidiabetic Tablet of *Syzygiumcumini* and *Zingiberofficinale*

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Abstract: *Diabetes mellitus is a silent killer of mankind, that leads to huge economic loss in a developing country like India. There is a need for better treatments with less adverse effects to minimise the burden on the health and Economy of an individual and the society. Traditional Medicines derived from medicinal plants are used by about 60% of the world's population. This Project work focuses on Indian Herbal drugs and plants used in the treatment of diabetes, especially in India. Diabetes is an important human ailment affecting many from various walks of life in different countries. This project is to make an effective solution on Diabetic condition and Edema with better therapeutic effects with minimum side effects. Fast dissolving drug delivery system offers a solution for those patients having difficulty in swallowing. The concept of Fast dissolving Drug Delivery System emerged from the desire to provide patient with more conventional means of taking their medication.*

The Utilization of herbal medicines for the management of diseases has provided admirable results. Plant extracts are rich in like polyphenols, alkaloids, glycosides, flavonoids, and terpenoids having specific health benefits. Diabetes mellitus (DM) is a non-communicable disease with a worldwide occurrence, characterized by persistent hyperglycemic conditions. Several oral hypoglycemic drugs viz. sulfonylureas, biguanides, α -glucosidase inhibitors, and non-sulfonylureas secretagogues are common medical recommendations for controlling diabetes.

Diabetes is the one of the most common disorder is universe. So treating the diabetes is a global problem. Many of the drugs commercially available in market to treat diabetes, however these are the drugs has associated with side effects and toxicity. So that using of herbal therapy as an alternative to treating of diabetes with less side effects and diabetes.

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