

**SHRI B.V.V. SANGHA'S
BASAVESHWAR ENGINEERING COLLEGE
(AUTONOMOUS)
BAGALKOT-587102**



**DEPARTMENT OF MECHANICAL ENGINEERING
2012-2013**

A Project report on

***“DESIGN AND DEVELOPMENT OF AGARBATHI
COUNTING MACHINE”***

**(Approved and sanctioned by Karnataka State Council For Science and
Technology)**

PROJECT GUIDES PROJECT CO-ORDINATOR H.O.D

Dr.S.N.Kurbet

Dr.V.R.Kabadi

Dr.S.N.Kurbet

Prof.V.V.Kuppast

PROJECT ASSOCIATES:

Mr.Basavaraj.G.Dandagihalli

USN:2BA09ME018

Mr.Malteshkumar Deshpande

USN:2BA09ME038

Mr.Mohammed Husain Kazi

USN:2BA09ME044

Mr.Ramesh

USN:2BA09ME078

Abstract

Inscent sticks are known as Agarbathis and are used all over the world for different purposes. Dhup an aromatic powder or paste is burnt in Indian homes as a fragrant fumigant an is reputed to possess insecticidal and antiseptic properties. Agarbathiis also known as dubattis similar to joss sticks are a development of dhup. Presently packing of these sticks is being done manually which is an issue for increasing production rate. If this process is made automated not only the rate of production increases but also is going to reduce wastage and other costs related to manual handling.

In present work emphasis is made on streamlining the flow of sticks in a conveyor. Then these are packed into bundles based on preset quantity or weight. The design is done on past feeding devices and collector. The automation is done by using sensor and microcontroller units.