

Shri. B V V Sangha's
BASAVESHWAR ENGINEERING COLLEGE (AUTONOUMS)
BAGALKOT.
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Department of Mechanical Engineering

A Project Report
On

“Automated Puffed Rice Making Machine”

(Approved and sanctioned by KSCST)

Project Guide
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ABSTRACT

A number of attempts are being made to reduce the environmental pollution caused by conventional method of puffed rice production. Puffed rice is widely used in snacks, cereal drinks, ready to eat breakfast cereal and infant food. The main objective of our project is automating the process of puffed rice production and making it eco-friendly. The automation is achieved by use of two way conveyors and sand separating unit. The pollution has been reduced by the use of LPG. Flow rate of rice, temperature, and speed of the drum are the considered variables. From the experiment it is observed that good quality puffed rice is obtained from medium quantity of processed rice. The environmental pollution has been reduced as compared to conventional method of puffed rice production. Rural employment can be increased by adopting the automated process.