

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM**



FOOD AUTOMATION DEVICE (OMELETTE MACHINE)

*A report submitted in partial fulfillment for the requirement for
the degree of*
Bachelor of Engineering
in
INSTRUMENTATION TECHNOLOGY

Submitted by

Naeem Gabbur	2BV10IT028
Deepak Deshpande	2BV10IT025
Sarvesh Mangodi	2BV10IT081
Jagadish R S	2BV10IT035

Project Sponsored & Selected By:
KSCST 37th Series of SPP BANGALORE
Proj.Ref. No: 37S0150

Under the Guidance of
Dr. Nalini C Iyer
HOD, IT Dept.



2013-2014

B. V. Bhoomaraddi College of Engineering & Technology, Hubli, India

ABSTRACT

Food Automation is one among the fast growing technology. Today's food making machines are most popular and most of need(e.g. portable ice-cream machine with different flavors, coffee machine and many more).One of the regular breakfasts is omelets hence the Eggbaking machinecan be made to prepare omelet andis intend to prepare the omelets automatically with requirement of user automatically within few minutes.

The project follows with breaking of egg in the first step then it is poured in to the bowl which is placed on robot then in the next step ingredients such as onion slices, salt and chili powder are added and stirred in proper proportion and this mixture is poured into pan in the next step then it is baked completely and ready to serve the tasty and healthy omelets.

The project uses high gear motors for mechanical works likehomogeneous mixture of the egg liquid and added ingredients, transferring the mixture to frying pan and further pan to serving plate. This project is integration of the process.

This project can be concluded with good accurate and proper output and one can expect a healthy and tasty omelets from this machine and hence from our project.