

FOOD VENDING MACHINE FOR SCHOOLS

Project sponsored by Karnataka State Council for Science and Technology, Bangalore
under 37th Student Project Programme

Project Report Submitted by

Subrahmanya Shetty
(4NM11CS417)

Shivananda L.C
(4NM11CS415)

Chandrashekhar Moger
(4NM10CS029)

Udaya G
(4NM11CS420)

UNDER THE GUIDANCE OF

Mr. Pradeep Kanchan.
Assistant Professor

*in partial fulfillment of the requirements for the award of the Degree of
Bachelor of Engineering in
Computer Science & Engineering
from
Visvesvaraya Technological University, Belgaum*

NITTE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



N.M.A.M. INSTITUTE OF TECHNOLOGY

(An Autonomous Institution under VTU, Belgaum)

(AICTE approved, NBA Accredited, ISO 9001:2008 Certified)

NITTE –574 110, Udipi District, KARNATAKA

April 2014

ABSTRACT

The objective of the project is to provide hot cooked meal to children of primary and upper primary classes. The purpose of our project is to design a vending machine which can provide mid-day meals and milk to the school children using extremely simple steps. These steps will not be time consuming at all. The student will get all the details on the screen which he/she should follow. We have made an attempt to vend food and milk for the students and also staff based on government scheme. Free meals are provided in schools as part of the “mid-day meal” program to encourage poor parents to send their children to school. But the one major problem is poor management. To overcome this problem we planned to design vending machine. Vending machine distributes the food and milk based on finger print scanner.

Machine Combined with its proprietary finger vein biometric authentication system and a conventional vending machine make it possible for registered students and staff to easily get their things.