

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANASANGAMA” BELGAUM-590014

KARNATAKA



PROJECT REPORT

ON

“IT Support for Agricultural Marketing Board”

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE AWARD OF THE DEGREE

SPONSORED BY KSCST,IISC,BANALORE

BACHELOR OF ENGINEERING

IN

Computer Science and Engineering

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JUNE -2012



SYNOPSIS

The Services of Information Technology is not being correctly backing up the current agriculture and its transactions and hence there is a need of an IT bridge between farmers, marketing board and merchants for proper decision making.

To serve this purpose we planned provide a complete IT enabled Decision-support system (DSS) framework for the existing Web-based system of agricultural marketing board. The DSS interfaces all the present 146 APMCs together and provides STOCK ANALYSIS, DEMAND v/s SUPPLIES ANALYSIS, MARKET-GROWTH ANALYSIS using its database. E-receipts are generated for every transaction made and hence commission agents, fraud merchants & others who are cheating the marketing board can be eliminated. DSS will also help in forecasting of demand v/s supply. Thus, it will improve farm management and farming technologies by efficient farm management, risk management and effective information support system.