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**PROJECT REPORT**

**on**

**SMART CARD TECHNOLOGY**

**Submitted in partial fulfillment for the award of the degree of**

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION TECHNOLOGY**

**By**

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DEPARTMENT OF INFORMATION TECHNOLOGY

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

**(Affiliated to Osmania University; Accreditated by NBA (AICTE), ISO Certified 9001:2000)**

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**HYDERABAD – 500 075**

**2011-12**

**CERTIFICATE**

This is to certify that the project work entitled **“SMART CARD TECHNOLOGY”** submitted to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY,** in partial fulfillment of the requirements for the award of the completion of second year 2nd semester of B.E in information technology, during the academic year 2011, is a record of original work done by **A. SREEKHAR(1601107373055), CH. MANOJ KUMAR(160110737306)** during the period of study in the Dept. of IT, CBIT, HYDERABAD, under our supervision and guidance.

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| **HEAD OF DEPARTMENT** | **PROJECT GUIDE** |
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**ACKNOWLEDGEMENT**

The special thanks goes to my helpful supervisor Mr.K.Gangadhara Rao. The supervision and support that they gave truly helped the progression and smoothness of the mini project development. The co-operation is much indeed appreciated.

A big contribution and hard work from him during these two months is very great indeed. The project during the program would be nothing without the enthusiasm and imagination from him. Besides, this mini-project program made me realize the value of working together as a team and as a new experience in working environment, which challenges us every minute.

**DECLARATION**

We hereby declare that the work presented in this Project titled “**SMART CARD TECHNOLOGY**” submitted towards partial completion of project in the first semester of (3/4) B.E. (IT) at Chaitanya Bharathi Institute of Technology, Hyderabad, is an authentic record of our original work and is carried out under the guidance of our project guide Mr.K.Gangadhara Rao .We have not submitted the matter embodied in this project from the Internet, books or from any other source. Only the technologies are referred to in the Internet.

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**ABSTRACT**

**Smart card technology** is the application that is used in daily life by every person for basic needs and which is present in a small credit card sized plastic card. This card when swept on a swiping machine runs a file and connecting the file to its respective database. And it displays the personal information of the users. A person can do any changes once he swipes the card and the user enters his pin no. Once entered into the application the user can only view his few details like his driver’s license, voters card, account information, future interest for our current account balance, and other points such as shopping points, petro points etc. The user can only view his details but cannot update any information. Admin has the global rights and can do any changes to any user. The person to whom the card is given can only update the information but can’t change the basic definition of the data.

**EXISTING SYSTEM:**

Existing system of smart card system consists of normal swiping and updating of information into the database where the user can’t see his whole account details which the sales person gives him. Also the transaction is not 100% guaranteed whether the transaction is secured or not. Smart card technology is applied to various cards nowadays such as debit, credit, master cards etc.

**PROPOSED SYSTEM:**

By this project we can create a card which has all the features in it i.e. the features of debit, credit card etc. in one card. With only one swipe we can update the information check the information and also retrieve information with much security. This helps everyone to save much time and many cards and preventing many passwords (pin numbers).

In this project we make a java application and connect it with the database using sql. Initially we need to enter the pin no. to retrieve or update for any details.