**“Electronic Ration Card with FingerPrint Authentication”**

A PROJECT REPORT

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

**BACHELOR OF ENGINEERING**

***Submitted to***

**SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**

***Submitted By***

**1) Ramanjel Bhosale (B120513009)**

**2) Deepak Dhage(B120513017)**

**3) Pallavi Thite (B120513078**)

***Under the Guidance of***

**Dr.P.R.Badadapure**

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**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION**

**JSPM’s IMPERIAL COLLEGE OF ENGINEERING & RESEARCH**

**WAGHOLI, PUNE- 412207**

**2017-18**

**JSPM’s Imperial College of Engineering & Research,**

**Wagholi Pune – 412207**

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**CERTIFICATE**

This is to certify that the Project entitled “Electronic Ration Card With Finger Print Authentication” submitted by

1)Ramanjel Bhosale(B120513091)

2)Deepak Dhage(B120513017)

3)Pallavi Thite(B120513078)

is a record of the bonafide work carried out by him / her, under my guidance, and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University for the award of the degree **Bachelor of Engineering (Electronics & Telecommunication).**

**Dr.P.R.Badadapure Dr. S. L. Lahudkar Dr. D. D. Shah**

**Guide Head of Department Principal**

**Department of E&Tc Department of E&Tc I.C.O.E.R, Pune**

**(External Examiner)**

Place: Pune

Date:

**Declaration by Student**

This is to declare that this report has been written by me. No part of the report is plagiarized from other sources. All information included from other sources has been duly acknowledged. I aver that if any part of the report is found to be plagiarized, I/we are shall take full responsibility for it.

Signature of Student

Deepak Dhage

Exam Seat No: B120513017

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Signature of Student

Ramanjel Bhosale

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Signature of Student

Pallavi Thite

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Signature of Students

1.Ramanjel Bhosale

2.Deepak Dhage

3.Pallavi Thite

Place:

Date:

**ACKNOWLEDGEMENT**

I take this opportunity to express my sincere appreciation for the cooperation given by **Dr. D.D.Shah principal of ICOER** , wagholi, Pune and need a special mention for all the help extended by him, constant inspiration and encouragement to make my project a memorable experience.

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**ABSTRACT**

This project work describes the new and modern approach to the delivery of quality food and grain to the Indian population with the help of Electronic Ration card and how we can manage the Database Digitally with the help of DBMS. This modern approach is developed to avoid the frauds and to deliver the quality food stuffs to the citizens of India. We have achieved in the convenient way with the help of finger print authentication and by storing these records in Database.

In this project there are two systems one Administrator and Distributor. Administrator section is used for addition/removal, updating user details and granting services. Distributor section is used for availing the services with fingerprint authentication system. The users fingerprint along with family details like total family members and poverty line details. These details are stored in the database and services are sorted based on poverty line.