



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangam, Belgaum-590018

A Project Report

ON

NON PHARMACOLOGICAL MANAGEMENT OF DEMENTIA PATIENTS

by

KEERTHI PAI

4MT10CS038

LAVANYA V ACHARYA

4MT10CS042

SUPRIYA NAYAK

4MT09CS080

NARASIMHA NATHESH

4MT10CS051

Project Guide

PRASHANTH B S

**Assistant Professor,
Department of CS & E,
M.I.T.E
Moodbidri**

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING
(An ISO 9001:2008 Certified Institution)
BADAGAMIJAR, MOODBIDRI
DK DIST-574225**

ABSTRACT

With advances in medicine and technology the number of older adults and life expectancy is increasing. The amount of people across the world with Alzheimer's disease is predicted to almost double every twenty years. Cost of caring for dementia patient is steep. While the cost increases with more severe stages of dementia. The main objective is to describe a tool which improves the quality of treatment for dementia patients (Alzheimer's) using mobile applications. Caregivers frequently need to assist their patients with activities of daily living. Using applications like this encourages promoting functional independence among the patients. This tool improves the quality of treatment in mobile applications. It effectively monitors the patient's safe location and taking necessary steps in case of any danger to the patient. The app runs on several Android based devices with GPS and communication capabilities.