Bansilal Ramnath Agarwal Charitable Trust's

**Vishwakarma Institute Of Information Technology, Pune**

S. No. 2, 3 & 4, Kondhwa Bk., Pune 48.

DEPARTMENT OF COMPUTER ENGINEERING

**PROJECT SYNOPSIS**

1. **Group Id**

SY. B Tech- A1-7

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2) Atharva Bhapkar

3) Jeet Chetwani

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1. **Project Title**

Phone directory using trie

1. **Project Option**

In -house project

1. **Internal Guide**
2. **Sponsorship and External Guide**

**6.Technical Keywords (As per ACM Keywords)**

1. Trees
2. Hash Tables
3. Files
4. Arrays

**7.Problem Statement**

Making a program to store contact information of people and perform other operations.

**8. Abstract**

In this program, we are storing information like contact number, name, address etc. For this we are using Trie data structure so that searching is fast and can be done on the basis of prefix also.

User will be able to add new contacts, delete, edit or search exiting ones, or even create a file with the contact if they want to print it.

**9. Goals and Objectives**

Main object of this program is to store the information in an ordered fashion so that the retrieval is fast and easy.