

EDUCATION

- M.Tech(1st and 2nd sem) in computer science and engineering , June 2014 , CGPA : 7.5 , from School of Computer and Information Sciences , University of Hyderabad , Hyderabad.
- B.E in computer engineering , April 2012 , CGPA : 7.72 , from Ahmedabad Institute of Technology , Ahmedabad.
- H.S.E in science stream , march 2008 , 76 % , from mangaldeep high school , Ahmedabad.
- Graduate Coursework : Data Structures , Algorithm , Operating System , Databases , Digital Logic , Computer Network , Information Security ,Object Oriented Programming , Computer Graphics , Theory Of computation.
- Post Graduate Coursework : Wireless Sensor Network , Unix Network Programming , Image processing , Data Compression , Information Security.

PROJECT

- **Restaurant Finding Portal**

Team : 3

Role : Team Leader

Technology used : SQLite , Eclipse-IDE , Android sdk.

Description : It is an android based application which finds the restaurants,foods with convenience. There are two types of users of this application, one is the costumer and another is restaurant owner. Customer can search the nearby restaurants based on his food menu and within his budget . He can book the table online and also can invite his friends to the restaurant. The restaurent owner can change the menu items and their prices.

- **Chat Application in Unix**

Technology used : C-language , Unix Socket Programming.

Description : It is a simple client server application that enables the users to chat with eachother. It is developed in C language using the system calls of socket programming. It can work on any on unix

- **GUI Mail Reader**

Team : 3

Role : Team Leader

Technology used : Netbeans , java.

Description : In this project, we have done UI similar to Squirrel Mail. However, unlike in Squirrel Mail, we have done only reading text mail facility. This involves understanding the mailbox format, parsing it and extracting the From, Date, Subject fields and displaying them in a form that shows these as columns. The subject field is clickable and when it is clicked, it should open another form that shows the contents of the mail along with all the other headers of the mail such as CC, etc. The mail box can be on a different system and has to be contacted using a client-server program.

- **An intelligent multi-parameter health monitoring model in a body area network**

Team : 1

Status : In development phase

Description : In this project we build a wearable noninvasive device which is used to take the intensive care of the patient after having any big surgery , even when the patient is on the move. We integrate total nine types of body sensors like blood pressure sensor , body temperature sensor , pulse oximeter etc on arduino microcontroller. I have to collect sample data by using this device. I have to measure whether the abnormalities in the readings is because of disease or due to some activities or

environmental reason. I have to take the decision by using data mining and machine learning techniques. A mobile application will take care of sending the abnormality to the respective doctor. I can use any of Wi-Fi, 3G, GPRS, Bluetooth and ZigBee technology to send the patient data to the doctor as per the requirement.

LANGUAGES AND TECHNOLOGIES

- C , Latex , MySQL, Linux System Programming.
- Eclipse , MS office , Netbeans.

AREA OF INTEREST

- Machine Learning
- Information Security
- Wireless Sensor Networks
- Image Processing

ACTIVITIES

- Participated in robotics competitions.