V-Ideas

Department of Computer Engineering

2016-2017

Preface

- **Vidyalankar is a 'Sanskrit' word combining two words Vidya + Alankar. Where Vidya means knowledge and Alankar means Ornament, the essence being that 'knowledge is the true ornament of a progressive mind'.**

- **Vidyalankar Polytechnic is one of the leading college in Mumbai, approved by AICTE,DTE Maharashtra state and Affiliated to MSBTE. It offers under graduate courses in engineering**

- **.**

- **Vidyalankar Polytechnic was established by Vidyalankar Dyanapeeth Trust in 2002 under the dynamic leadership of Shri. C. S. Deshpande with the aim of imparting Technical Education in various fields of Engineering and Technology. It is located at the heart of Mumbai at Wadala(E).**

- **Courses offered are Electronics and Telecommunication Engineering, Information Technology and Computer Engineering .**

- **The college has excellent infrastructure for Class rooms, Technical library, Laboratories and latest computing facilities.**

Vidyalankar Polytechnic

Vision

To achieve excellence in imparting technical education so as to meet the professional and societal needs.

Mission

- Developing technical skills by imparting knowledge and providing hands on experience.
- Creating an environment that nurtures ethics, leadership and team building.
- Providing industrial exposure for minimizing the gap between academics and industry.

Principal Speak

Vidyalankar Polytechnic has always believed in providing quality technical education to the student who aspire to become skilled engineers .

We at vidyalankar put forth for students a challenging ground; tracking them to learn and imply in their career and professional future. Emphasizing to skill and develop their opportunity to widen their innovative horizon.

V-Ideas is compilation of final year student's project ideas that have been processed and developed after fine scrutinizing and tuning by subject expertise. The selected projects were much appreciated by the judges boosting the morale of students.

Technovation the exploration of technology and innovation is the annual project exhibition and competition organised by Vidyalankar Polytechnic for final year students of various branches. Technovation enables students to exhibit and display their innovative skills, thus giving them an opportunity to manifest their hidden skills and ideas. This platform has privileged the students to think in new areas of their skills and present it in the best possible way.

V-ideas culminates V-Technovation 2016

"All of us do not have equal talent. But , all of us have an equal opportunity to develop our talents." - A.P.J Abdul Kalam

Vidyalankar Polytechnic has always believed in inculcating a synergetic and academic culture in its students, one that encourages them to be innovative and to be passionate about taking their ideas ahead.

V-Ideas are a collection of the final year project ideas of our students that have been nurtured after much rational thinking, fine-tuning and accurate reflection from teachers, guides and subject experts. The ideation stage is quite different from actual implementation; it is comparable to the transition from form to format, the regulated flow of ink from a nib which produces the actual writing. The Institute initiated an innovative idea of assembling the project ideas and transferring them into a hardcover book known as V-Ideas. This collection of projects acts as a future reference for First, Second and Third year students.

As a part of curriculum, students of diploma undertake a project related to their field and demonstrate the knowledge and skills gained on the subject of their choice. Students also take industry based projects for better and live exposure with the industry. The projects selected by the panel of experts are ii regularly monitored by the project guides. The innovative and creative projects are projected in V-Technovation. The projects won many awards at various competitions at other institutes.

V-Technovation provides a platform to diploma students to compete, interact and excel.

V-ideas culminates V-Technovation-2017

Department of Computer Engineering

Vision

To empower students with domain knowledge of Computer Engineering and interpersonal skills to cater to the industrial and societal needs.

Mission

- Developing technical skills by explaining the rationale behind learning.
- Developing interpersonal skills to serve the society in the best possible manner.
- Creating awareness about the ever changing professional practices to build industrial adaptability.

Program Educational Objectives

PEO1: To empower the students to apply their knowledge of various domains and cultivate a habit of life-long learning in them.

PEO2: To develop the students' overall personality and thereby encourage just social behavior in the students.

PEO3: To provide exposure to the industrial environment so as to keep them abreast with new trends.

Department: Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
CO1	Networking	CO1.1	Student feedback management System	12
		CO1.2	V-Board	13
		CO1.3	Message Conveyer System	14
CO2	Database	CO2.1	Mark sheet Generation CT-PT	15
		CO2.2	Dead stock Maintenance System	16
		CO2.3	Trainee Feedback Management System	17
		CO2.4	visitor Gate pass System	18
		CO2.5	Library drop box using barcode scanning	19
		CO2.6	Canteen Management system	20
		CO2.7	RFID based attendance system	21
		CO2.8	Student information system using ID+ Barcode scanner	22
		CO2.9	Gesture sign language	23
CO3	Security	CO3.1	RFID/NFC Based home security lock	24
CO4	Web Technology	CO4.1	E-Notes Application and website	25
		CO4.2	Anime Blog application	26
		CO4.3	'Virtual tour of Vidyalankar Polytechnic	27
		CO4.4	Digital CIAAN	28
		CO4.5	Online Shopping Website	29
		CO4.6	Attendance System	30

Department: Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
CO5	Mobile Application	CO5.1	U & Me	31
		CO5.2	Application for Hotel Management	32
		CO5.3	App for Vidyalankar	33
		CO5.4	Android Blood Bank	34
		CO5.5	App for Mumbai Fire Brigade System	35
		CO5.6	Robit Arm Controlled by App	36
		CO5.7	Android application for VERVE	37
		CO5.8	VP College App	38
		CO5.9	Online railway concession form procedure	39
		CO5.10	Digital Library app	40
		CO5.11	Clinic token system using App	41
		CO5.12	Student Assistant	42
		CO5.13	Bike Pooling	43
		CO5.14	E-Safety	44
CO6	Embedded System	CO6.1	Vehicle controlled by mobile App	45
		CO6.2	Parking Management using IOT	46
		CO6.3	Home Automation	47
		CO6.4	RFID based Toll System	48
		CO6.5	Automatic Door control by using RFID	49

Department: Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
CO6	Embedded System	CO6.6	Fingerprint based ATM System	50
		CO6.7	IOT based Water level Indicator System	51
		CO6.8	Handy Biometric Attendance System	52
		CO6.9	Light Fidelity	53
		CO6.10	School Bus Tracking System	54
		CO6.11	Intelligent Patient Monitoring System	55
		CO6.12	RTC Based Pump Switching Management	56
		CO6.13	Smart Locker Based On Spy Password	57
		CO6.14	Hand gesture based robotic vehicle	58

Department : Computer Engineering

Project Title   : **Student Feedback Management System**

Domain (Area of Project)   :   **Networking**

Name of Project Guide   : **Prof. Meenakshi Khamkar**

Name of Students   : Onkar Jadav(onkarjadhav56@gmail.com)

Karan Solanki(solankikaran2000@gmail.com)

Suraj Gupta(surajgupta.@gmail.com)

Shraddha Shivasharan(shraddha@gmail.com)

Brief idea of Project :The purpose of this application is to get the feedback from the Students Student feedback is about the performance of lecturers in a Institute. Faculty feedback is about performance and capabilities of Students This is a client-Server application deployed into Institute server.

Screenshots of the Project

Applications: Can be used for giving feedback and helps analysing performance of Teachers in Institute

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
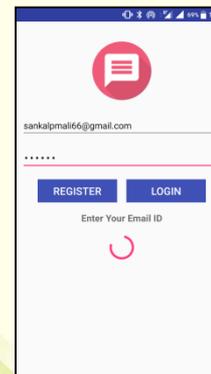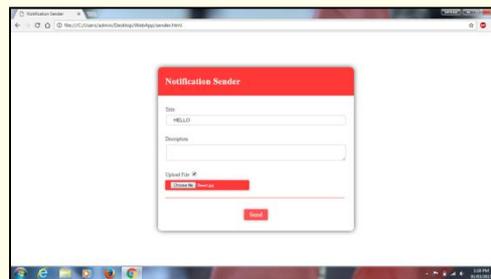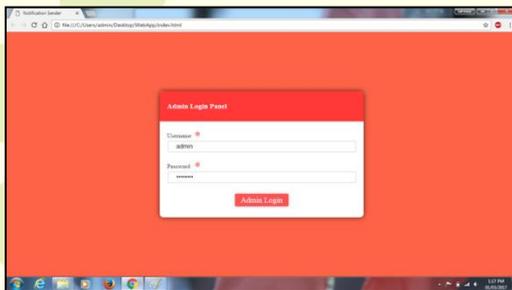
Department : Computer Engineering

Project Title : V - BOARD

Domain (Area of Project) : Networking

Name of Project Guide : Prof. Sonal gupta

Name of Students : Niraj Shingote niraj.10@gmail.com

Sankalp Mali sankalp@gmail.com

Karan Ghag karan.ghag@gmail.com

Abhishek Patil abhi1774@gmail.com

Brief idea of Project :- Our project Digital Notice Board using mobile app , which can be installed on various computers so as to increase the rate at which relevant information is being disseminated to the public within a certain location.

Screenshots of the Project / Photos of Working Model (Min.3):-
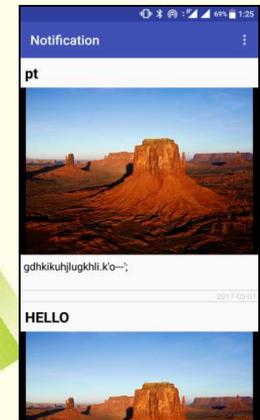
Applications:- College campus, Government units, Offices, Schools

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- NONE

Department : Computer Engineering

Project Title   **: MESSAGE CONVEYOR SYSTEM**

Domain (Area of Project)   **: NETWORKING**

Message Conveyer System

Name of Project Guide   : Prof.SUPRIYA KADAM

Name of Students   **:** KRUPA KOTECHA(kotechakrupa99@gmail.com)

                              CHRISTINA DANIEL(ca.daniel23@gmail.com)

                              SAILI SAWANT(sausawant28@gmail.com)

                              DENISH SHAH(denishshah07@gmail.com)

Brief idea of Project : We are developing web app for sharing file within organization through IP address. For sending message from one pc to another pc we need to use command prompt but by using this application we can avoid this and within organization we can share the message easily. When message is send by sender to receiver at receivers site window pop-up is appeared after clicking on window it will notify the sender the message is read by seen and unseen check.

Screenshots of the Project / Photos of Working Model (Min.3):
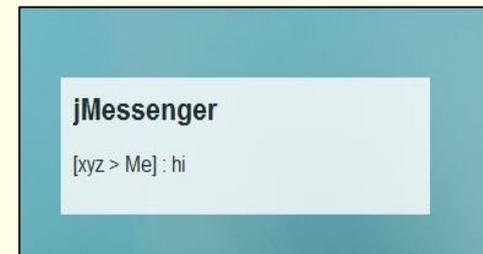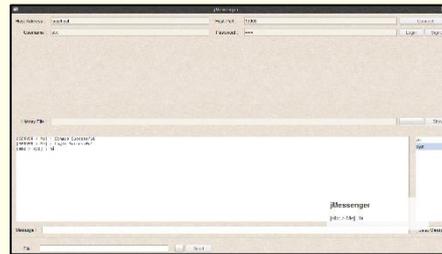
Applications: It can be used in commercial organizations for communication
                     It can be used in educational institutions like schools and colleges
                     It can be used for personal use
                     It is used for passing messages over a network to a group or an individual

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- NA

Department : Computer Engineering

Project Title : **Marksheet Generation**

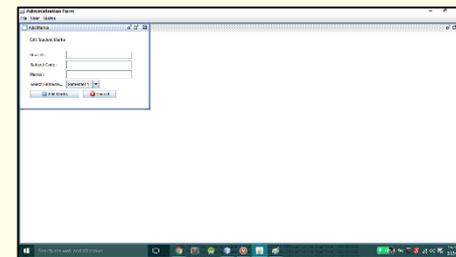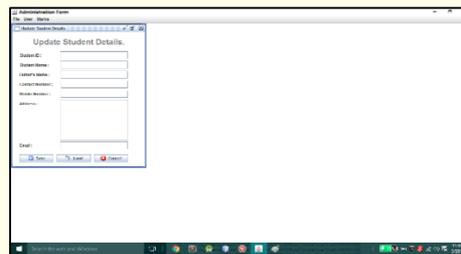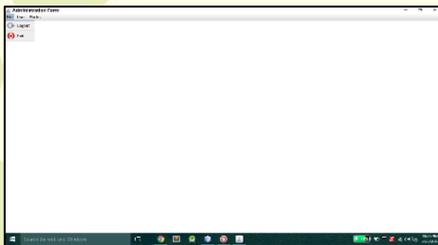**Domain (Area of Project)** : **Database**

Name of Project Guide : **Prof. Sangeeta Wankhede**

Name of Students : Advait Tarphe (advait88@gmail.com)
DushantManglurkar(dush@gmail.com)
Sagar Kotian (sagark@gmail.com)
Aditya Chavan(acchavan@gmail.com)

Brief idea of Project :The brief idea of the project is to Generate Student Marksheet for Multiple Subjects of various Branches. Also To add or edit marks and create Admin/Student login account. Manage Database of each subject for multiple students.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: College Student Marksheet

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- No

Department : Computer Engineering

Project Title   : Dead Stock Maintenance System

Domain (Area of Project)   : Database

Name of Project Guide   : Prof. Vijay Patil

Name of Students   : Rajiv Aiyar   (rajivdosa@gmail.com)

Sanjay Jain   (sanjayjain8385@gmail.com)

Deepak Jain   (deepakjain444@gmail.com)

Jay Jain   (jay96663@gmail.com)

Brief idea of Project: In computer engineering fields, the jobs are computer intensive. Due to this large number of computers are used on a daily basis. The result is that if computers fail, it delays work in companies and in colleges it delays studies and wastes time that must be used for productive purposes. Hence, any damage must be reported those in-charge . They will then check the nature of problem and deal with it by replacing or repairing the damaged/faulty equipment. For this, a register is maintained, a maintenance/dead stock register. This project aims at digitalizing this register and increasing its efficiency.

Screenshots of the Project / Photos of Working Model (Min.3):
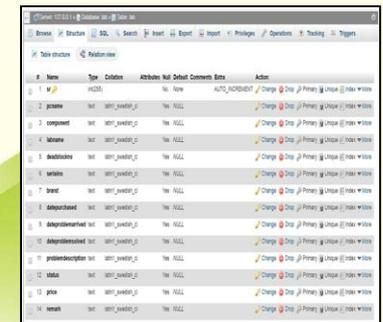
Applications: It digitalizes a dead stock/maintenance register, allowing a user to easily create a database, update and edit it regularly and easily and print a report.

Department : Computer Engineering

Project Title   **: Trainee Feedback Management System**

Domain (Area of Project)   **: Database**


Name of Project Guide   : Prof. Swati Ranade

Name of Students   : KomalChaurasia(komalchaurasia1@gmail.com)

                        ShraddhKadam(kadamshraddha18@gmail.com)

                        Bipin Shukla(Bipinshukla123456@gmail.com)

Brief idea of Project :The purpose of this application is to get the feedback from the Trainee & Trainer. Trainee feedback is about the performance of lecturers in a Institute. Trainer feedback is about performance and capabilities of Trainees. This is a client-Server application deployed into Institute server.

Screenshots of the Project / Photos of Working Model (Min.3):
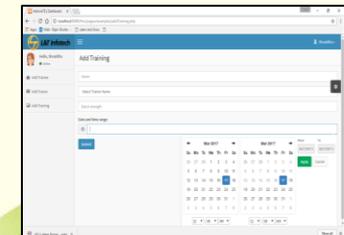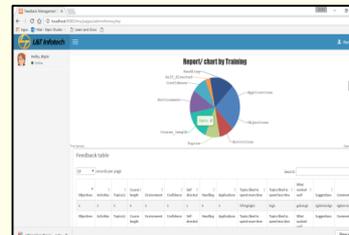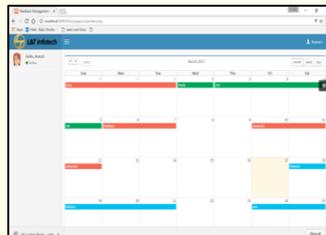
Applications: Can be used for giving feedback and helps analysing performance of trainers in training centre.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --   Project Certificate from L&T infotech

Department : Computer Engineering

Project Title : **Visitor Gate Pass System.**

Domain (Area of Project) : **Database**.

Name of Project Guide : **Prof. Sonal Gupta**

Name of Students : Prachi Sarwade (prachisarwade@gmail.com)

Ronak Vadhaiya(ronakvadhaiya77@gmail.com

Brief idea of Project : The main aim of this project is to automate and ease the process of the visitor who wishes to visit an organization. Various organizations today do not want their visitors to wait for a long time to get into their premises. The organizations now want the authenticity to be checked by the machine. In normal cases, authenticity is confirmed by the identity card (I-card). So, we decided to make software that would ease this process.

Screenshots of the Project / Photos of Working Model(Min.3):

Applications : It is used to manage or track the visitor of an Educational Institute, Industry or a Company and act as an entry and exit control.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:--

Department : Computer Engineering

Project Title   :   Library dropbox using barcode scanner

Domain (Area of Project)   :Database

Library book drop box
(return books using barcode)

Name of Project Guide   : Prof. Supriya Angane

**Name of Students   :** Sahil Mirashi(sahiirashi1997@gmail.com)

Aaditya Khapare(aaditya123@gmail.com)

Aditya Chavan(adityachava4@gmail.com)

Prem Vaddepalli(prem121@gmail.com)

Brief idea of Project : Library dropbox with barcode scanner is totally a software technology to reduce the overdue of date of the library books. This management will help us to save our time and human effort and it is capable of submitting the books without the need of any library interaction . This all can be implemented by this dropbox which can be settled anywhere in the institute.

Screenshots of the Project / Photos of Working Model (Min.3):
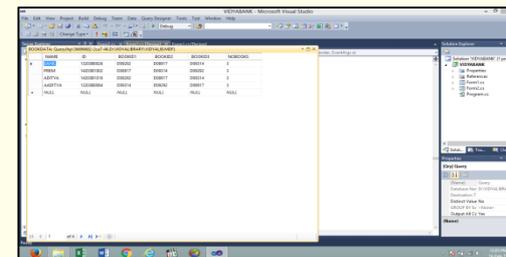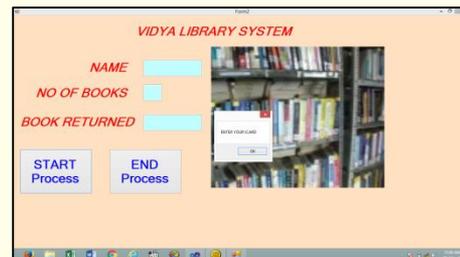
Applications: It can be used in college libraries and in the institutes

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
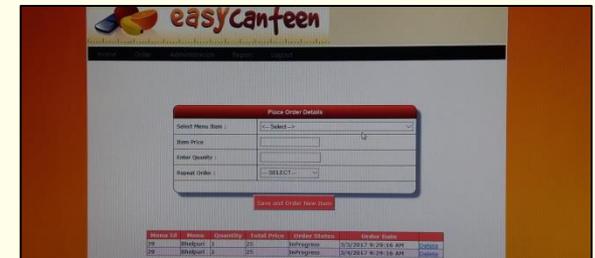
Department : Computer Engineering

Project Title : **Canteen Management System**

Domain (Area of Project) : **Database**

Name of Project Guide : **Prof. Swati Ranade**

Name of Students : **Azan Qureshi(azanq30@gmail.com)**

Afzal Baig(afzalb96@gmail.com)

Ammar Shaikh(ammarsh123@gmail.com

Brief idea of Project: With COS we provide the online canteen facility in any campus. This facility is for private canteens in any of the institutions, industry canteens. Usually People have to go to canteen and order the foods and they have to wait in queue for a long time to get the orders. But with the help of this you just have to follow a very simple process to order your stuffs. And you need not to wait in the long queue, you can enjoy your food at your own place. It will have following objectives:1.View Menu 2. Place Order 3.Cancel Order 4. Calorie Consumption Report 5.Diet Recommendations Report This can be hosted on cloud so that the same can be available from any internet enabled device. This can further be enhanced to share the bill on SMS or email.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: This Application will have calorie calculator to understand your daily consumption and will provide you support on diet foods .

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --NONE

Department : Computer Engineering

Project Title : RFID based attendance system

Domain (Area of Project) : Database

Name of Project Guide : Prof. **Sagar Chalke**

Name of Students:

Swapnil Tondwalkar(swapnil1421@gmail.com)

Farinkumar Bhuva(bhuvafarin@gmail.com)

Varun Sakhardande(varun@gmail.com)

Vivek Salunke (vivek@gmail.com)

Brief idea of Project:- RFID tag that will mark the attendance. It will display attendance , mark for class test and progressive theory test . It has login page on internet for parent and student use

:

Screenshots of the Project / Photos of Working Model (Min.3):

Applications:- It can be used in offices and colleges

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --NONE

Department : Computer Engineering

Project Title   : student information system using ID barcode scanner

Domain (Area of Project)   : Database


Name of Project Guide   : **Prof. Sagar Chalke**

Name of Students   :   Swati Adhav. adhav5swati@gmail.com.

                          Abhijeet Patil. patilabhijeet082@gmail.com

Brief idea of Project: A barcode is a machine readable representation which utilizes barcode scanner to record and maintain the information of information in a visual format. A barcode consists of a series of parallel, adjacent bars and spaces.

Screenshots of the Project / Photos of Working Model (Min.3):
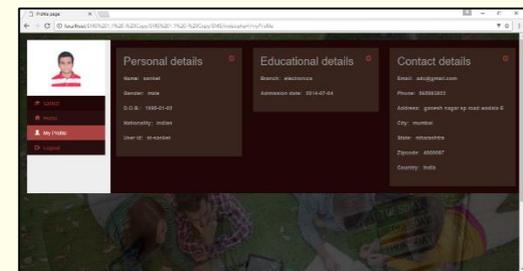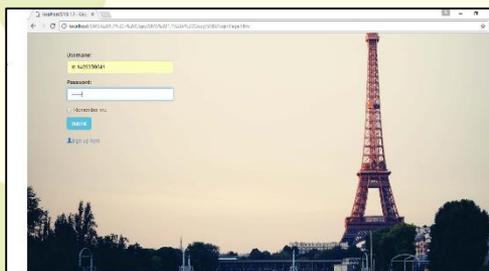
Applications: maintain and reporting student data,   view and edit students details,   store class and section information.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department :Computer Engineering

Project Title : **Gesture sign language**

Domain (Area of Project) : **Database**

Name of Project Guide : Prof. Vaishali malkar

Name of Students : **Juman das**

Aditya ingle

Savio mascarenhas

Pooja shirishkar

Brief idea of Project :This is a software application. This project is made to make communication Easy between dumb and deaf people and normal people. It is made to remove the communication barrier. This project is developed in python. This project captures a gesture from a webcam and then converts the captured gesture into text form.

Screenshots of the Project / Photos of Working Model (Min.3):
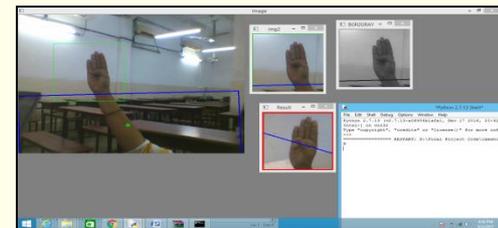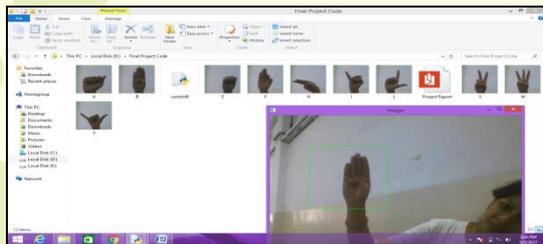
Applications: DUMB AND DEAF SCHOOL,NGO ,ORGANIZATION .

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Participated in state level regional competition project competition in Babasaheb Gawade polytechnic.

Department : Computer Engineering

Project Title   : RFID/NFC Based Home Security System

Domain (Area of Project)   :Security

Name of Project Guide: Prof. Sangeeta Wankhade

Name of Students   **:**Rehan Kondkari(kondkarirehan@gmail.com)

Bhushan Chaudhari(bchaudhari1998@gmail.com)

NatashaMondegari(natashamondegari@gmail.com)

Mukesh Parmar(mukesh1998parmar@gmail.com)

Brief idea of Project : Due to the increasing number of threats in today's world, our homes are no longer a safe place to live in. Seeing this we decided to develop a smart lock that will help keep a person's home safe and secure. Our smart lock is a user friendly and compact device that is easy to use and also provides a great security. Our smart lock works in two modes, the remote mode and the normal mode. In the normal mode, we need to scan the RFID card, the LCD displays "Access Granted" and the door automatically opens. At the same time we get a message informing us that the door has been opened and closed.

Screenshots of the Project / Photos of Working Model :
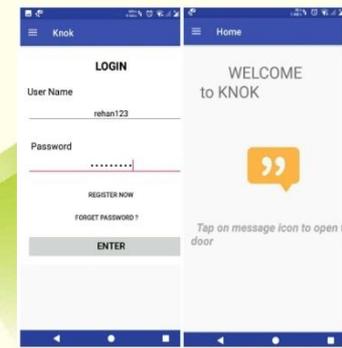
Applications : It can be used for attendance system. It can be used to open a door lock. It may be used as a door lock for vaults. It can also be used as a gate pass system.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify : NONE

Department : Computer Engineering

Project Title : **E-notes application and website**

Domain (Area of Project) : **web technology**

Name of Project Guide : **Prof. Manisha Pokharkar**

Name of Students : Shivani trivedi(shivanitrivedi1999@gmail.com)

Gayatri dudwadkar(Gdudwadkar@gmail.com),

Sayali Jadhav(sayalijadhav2569@gmail.com),

Kasturi ingle(kasturiingle@gmail.com)

Brief idea of Project: The idea behind this project is to provide students of all streams studying in the institute of vidyalankar polytechnc with e-notes that can be downloaded and viewed at anytime and at any place regarding having their own personal usernames and passwords.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: Use the softcopy of notes that can be available anywhere and at anytime even if it might be at the last minute of the exam

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
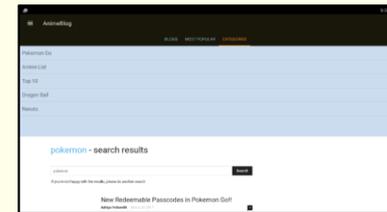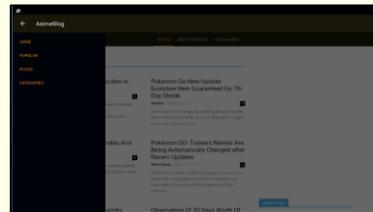
Department : Computer Engineering

Project Title : Anime Blog Application

Domain (Area of Project) : Web Technology

Name of Project Guide : Prof. Kalyani Pawar

Name of Students : Kunal Angne (kunalangne@yahoo.com);

Kevin Correia (kvncorreia@gmail.com);

Vibhav Pandey (vibhavpandey@gmail.com);

Nilesh Jain (nilesh@yahoo.com).

Brief idea of Project : The project is an application for the renowned anime blog website Otakukart.com It helps readers read and write reviews blogs from the main anime website and also comment and like those blogs.The app has been made using android studio and linked with an API.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: Viewing the blog on your smart phones and other android devices.
Writing blogs from android device
knowing trending and latest blogs

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- certified and accepted by Otakukart.com

Department : Computer Engineering

Project Title   : VIRTUAL TOUR OF VIDYALANKAR POLYTECHNIC

Domain (Area of Project)   : Web technology

Name of Project Guide   :Prof. Sonal Gupta

Name of Students: SHUBHANKAR VAIDYA(svaidya516@gmail.com)

SHARAN GADEKAR(sharangadekar2611@gmail.com)

MEHUL SHARMA(RAHIL.SHENDE@gmail.com)

SIDHANT POTLE (siddhantp.11@gmail.com)

Brief idea of Project :In this we have made the virual tour of our institute by taking the panorama pictures of institute. We can have the view of our college on the college site. We can view the college classrooms ,libraries,staffrooms,etc

Screenshots of the Project / Photos of Working Model (Min.3):

Applications:1 .To view the college on college website.
                2.Can view the internal structure of the college.
                3. It give the portable view of the college and saves time of the user.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   : Digital CIAAN

Domain (Area of Project)   : Web Application

Name of Project Guide   : **Prof. Sneha Patange**

Name of Students   : **Tanay Kanhere**

                              Sharukh Shaikh

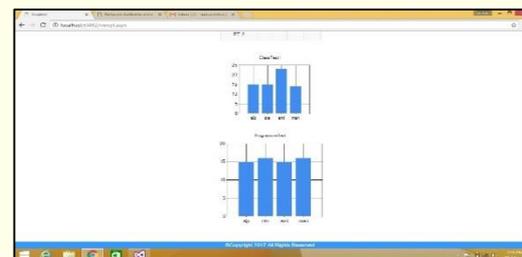   **Omkar Sinkar**

                              Monish Sawant

Brief idea of Project : The project focuses on maintaining the student academic details in digital manner. It reduces the work of faculty for maintaining the student records. It will also provide facilities to students and their parents to view the marks and attendance.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: 1)Maintaining college records
                          2)Maintaining office records
                          3)Maintaining hospital records

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Runner-up in V-Technovation 2017 at Vidyalankar Polytechnic, Wadala.

Department : Computer Engineering

Project Title   :   Online Shopping Website

Domain (Area of Project): Web Application

Name of Project Guide   : Prof. Prerana Jalgaonkar

**Name of Students   : Sangeeth Sadanand,**

   Viraj Polekar,

   Omkar Kalambe,

   Imamuddin Shaikh

Brief idea of Project: Online shopping is the process whereby consumers directly buy goods, services etc from a seller interactively in real-time without an intermediary service over the Internet. If an intermediary service is present the process is called electronic commerce. An online shop, eshop, e-store, internet shop, webshop, webstore, online store, or virtual store evokes the physical analogy of buying products or services at a bricks-and-mortar retailer or in a shopping mall.

Screenshots of the Project / Photos of Working Model (Min.3):
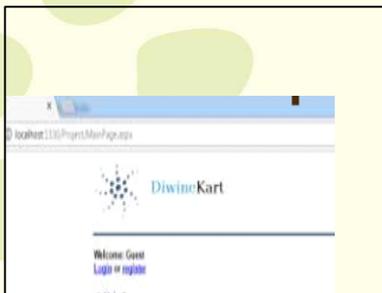
Applications: a) Online Shopping and Order Tracking, b)Shopping Cart Software , c)Online Banking

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- NO

Department : Computer Engineering

Project Title   : **Attendance System**

Domain (Area of Project)   : **Desktop Application**

Name of Project Guide   : Prof: Rupali Desai

Name of Students   : Pranay Ghanekar
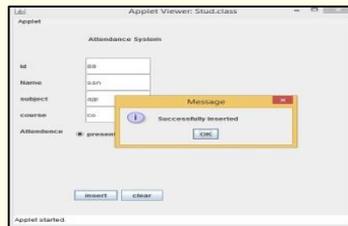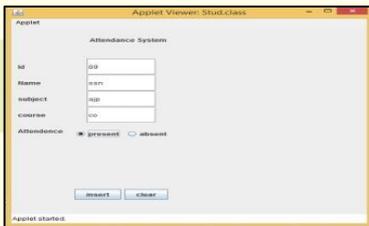
                               Prathamesh Polekar

                               Prathamesh Desai

Brief idea of Project : Attendance Management System is a software developed for daily student attendance in schools, collage and institutes. If facilitates to access the attendance information of a particular student in a particular class. The information is sorted by the operators, which will be provided by the teacher for a particular class.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: 1. Easy to store the data.

                 2. No requirement of paper work so indirectly it is eco-friendly.

                 3. Work stress will be less.

                 4.Easy to view, monitor and upgrade data

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   : U&Me

Domain (Area of Project)   : Mobile Application

Name of Project Guide   : Prof. Kalyani Pawar

Name of Students   : Chinmayee Dali (dali24@gmail.com)

       Manashree Rao (rao10@gmail.com)

       Apurva Salkar(salkar0018@gmail.com)

       Ashwini Patil (Ashpatil@gmail.com)

Brief idea of Project : The purpose of this application is to not only entertainment but also make education fun for toddlers. It is an entertaining interactive educational app for both user and toddler .

Screenshots of the Project / Photos of Working Model (Min.3):
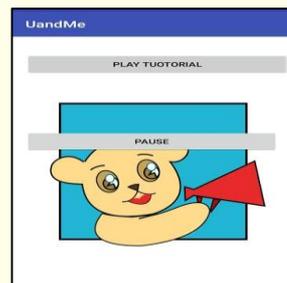
Applications: The application of this app is to create interaction between toddler and the stuff toy. The application is used to entertain and to help them learn and grow **.**

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title : Application for Hotel Management

**Domain (Area of Project)** : Mobile application

Name of Project Guide : Prof. Sangeeta Wankhade

Name of Students : Nikita chatur (chaturnikita7@gmail.com)

Siddhesh kadam (kadamsiddhesh@gmail.com)

Anish Khedekar (anishkhedekar@yahoo.com)

Himanshu wadekar(himanshoo.waar@gmail.com)

Brief idea of Project : Hotel management system is an app designed primarily for use in the food ordering industry. This system will allow hotels and restaurants to increase scope of business by reducing the labour cost involved. The system also allows to quickly and easily manage an online menu which customers can browse and use to place orders with just few clicks.

Screenshots of the Project / Photos of Working Model (Min.3):
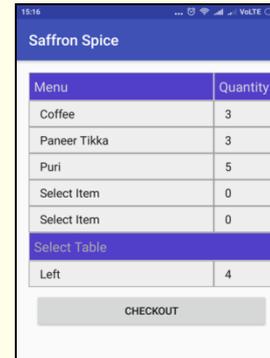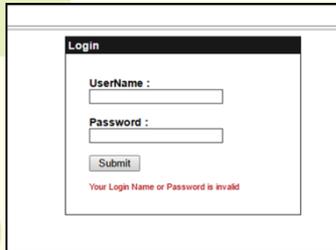
Applications: Manage your food order online
effective in small scale hotel and restaurant

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- No

Department : Computer Engineering

Project Title   :   **App for Vidyalankar**

Domain (Area of Project)   :   **Mobile Application**

**Name of Project Guide : Ms. Chetna Kolte**

Name of Students   : Pratiksha Gokhale (pratiksha@gmail.com)

                                 Lester Cardoz (lestercardoz11@gmail.com)

                                 Amey Shinde(ameyshinde@gmail.com)

Brief idea of Project   :

Vidyalankar App provides detailed Information about the Student Life , Future Vision & Mission of "Vidyalankar Polytechnic" and Future Initiatives. It is a Web Application that basically that uses WebView to display web pages inside the application. It will be used as a medium to connect the outside world to the world of Vidyalankar Polytechnic.

Screenshots of the Project / Photos of Working Model :
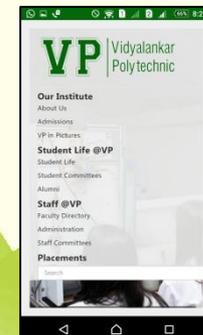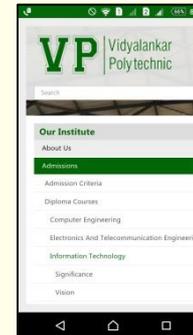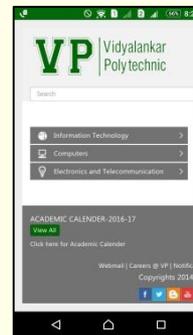
Applications:

- **One click Access to the world of Vidyalankar Polytechnic.**
- **Parents can keep up with the activities that take place in college.**
- **Takes up very less space.**

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- No

Department : Computer Engineering

Project Title : **Android Blood Bank**

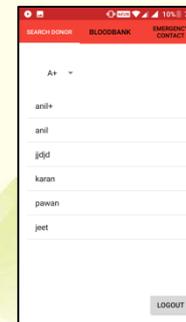**Domain (Area of Project)** : **Mobile Application**

Name of Project Guide : Prof. **Sagar Chalke**

Name of Students : Deepak Sahani (ideepaksahani@gmail.com)

Pawan Khande(pawankhande56@gmail.com**)**

Brief idea of Project : Blood is a saver of all existing lives in case of emergency needs. The task of blood bank is to receive blood from various donors, to monitor the blood groups database and to send the required blood during the need to the hospital in case of emergencies. The problem is not insufficient number of donors, but finding a willing donor at the right time. We want to build a network of people who can help each other during an emergency. This application timely updates the information regarding the donors where the administrator accesses the whole information about blood bank management system. Donor will be prompted to enter an individual's details, like name, phone number, and blood group. In the urgent time of a blood requirement, you can quickly check for blood banks or hospitals matching a particular or related blood group and reach out to them through the App.

Screenshots of the Project / Photos of Working Model (Min.3):
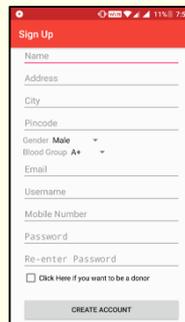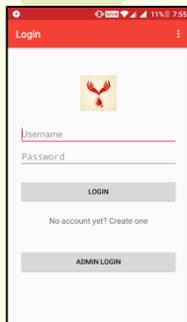
Applications: Online booking of blood.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --None

Department : Computer Engineering

Project Title   : **Application for Mumbai Fire Brigade**

Domain (Area of Project) **: Mobile Application**

Name of Project Guide : Prof. Prasad Koyande

Name of Students   :

 Sushant Chalak (sushaantchalak20@gmail.com)

 Somsuraj Tadepalli (somsuraj1997@gmail.com)

 Bryan Sanil   (bryansanil@gmail.com)

 Bhavesh Choughule (csbhavesh222@gmail.com)

Brief idea of Project: As the current system starts by user calling the control room. Then the Control room verifies user and forward details to nearest fire station. Our project is classified for two user Android app for Normal users and Server Website for MFB. Android App will downloaded from play-store. After Downloading user needs to register himself. After registering user will sign in. Sign in process is done only once. After this, Two buttons will appear, if in-case of emergency user will go for yes button, with the help of GPS location will trace and user will select emergency type and will send request and will send live incident photo this will go to control room.

Screenshots of the Project / Photos of Working Model (Min.3):
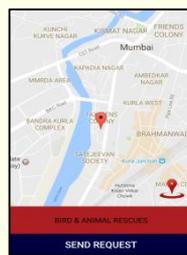
Applications:

1) **Can be used by citizen of Mumbai to Request MFB. 2) Can be used in control room for tracking the Emergency records**

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

1) **2nd State Level MSBTE Project Competition**
2) **1st at Regional Level (D. Y. Patil)**
3) **2nd at State Level (BGIT)**

Department : Computer Engineering

Project Title : **ANDRIOD CONTROLLED INDUSTRIAL DROID**

Domain (Area of Project) : **EMBEDDED SYSTEM + MOBILE APPLICATION**

Name of Project Guide : Prof**. Vijay Patil**

Name of Students :

Saumil Mody(SAUMIL1998@GMAIL.COM)

Chaitanya Alve(CHAIALVE@GMAIL.COM)

Taha Chougule(TAHA@GMAIL;.COM)

Shubham Bhagat(SHUBHAM@GMAIL.COM)

Brief idea of Project: Robotic pick and place automation speeds up the process of picking parts up and placing them in new locations, increasing production rates. With many end-of-arm-tooling options available, pick and place robots can be customized to fit specific production requirements. Moving large, small, heavy, or hard-to-handle products can be an easy task to automate in the factory line

Screenshots of the Project / Photos of Working Model (Min.3):
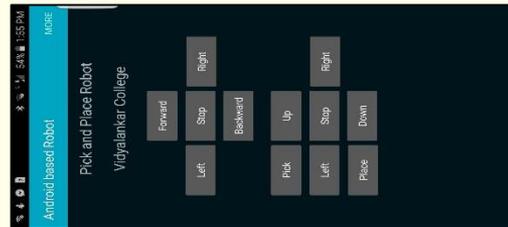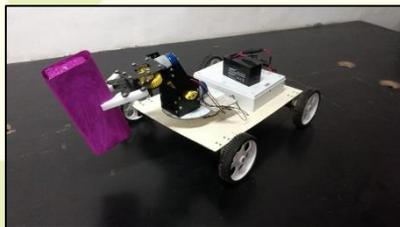
Applications: To handle work where a human hand cannot fit and make the arm even smaller when needed (removable parts inside the arm). Can add more weight to the product and strengthen the arm to carry more weight for example heavy load of aluminum rods for movement of it

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title : **Android Application for VERVE**

Domain (Area of Project) : **Mobile Application**

Name of Project Guide : Meenakshi Khamkar

Name of Students : Dhanashri Uteker(utekardhanashri@gmail)

　Nusrat Khan(khannusrat 13@gmail.com)

　Shraddha Yalgekar(shraddhayalgekar@g)

　Rushali More(morerushali703@gmail.com)

Brief idea of Project : The project Verve Event has been developed for User for android market. The Application is mainly focused on Event based service to the company, College network in mobile application. This application helps to maintain the user's account and its various details. The main advantage of using this application is it reduces the direct communication to student and avoid the mall function of the student to event join and participating for android to android where ever it is .

Screenshots of the Project / Photos of Working Model (Min.3):
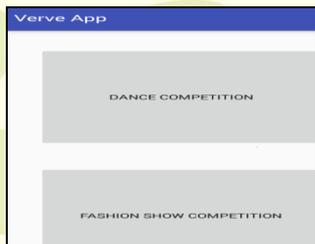
Applications: Provides structured generation of results. Helps give multiple event oriented results.
Displays participant data as well as performance details for easy judging. Android application therefore hands-on usage possible.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title : VP College App

Domain (Area of Project) : Mobile Application

Name of Project Guide : Prof. **Vijay Patil**

Name of Students : Hrushikesh Konde (rkonde44@gmail.com)

Aman Gandhi (amangandhi12@gmail.com)

Sumit Gupta (sumitgupta99@gmail.com)

Shubham Prabhu (shubhamp@gmail.com)

Brief idea of Project: We are developing a software application on Vidyalankar polytechnic institute using Android Studio. The main objective of creating this app is to reduce the work from both visitors as well as institute end.As this app is offline it can be accessed anywhere and the visitors get the idea about institute, also it will reduce work for institute and save time of visitors. As a applicetion provides facility for freshers when they become the part of institute.

Screenshots of the Project / Photos of Working Model (Min.3):
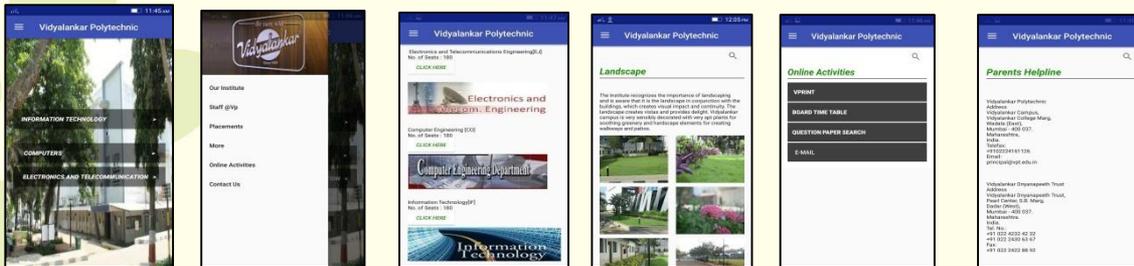
Applications: This app can be accessed online as well as offline. The offline Features includes various information about institute. The online section includes features are boards time-table & question paper search. This app is beneficial for institute as well as parent/visitor or the student so that both of them need not waste time.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --n/a

Department :Computer Engineering

Project Title : **Online Railway Concession System**

Domain (Area of Project) : **Mobile application**

Online railway concession

Name of Project Guide : Chetana Kolte

Name of Students : Neeraj Tank(neerajtank2210@gmail.com)

Satish M(satish.sach@gmail.com)

Yatish Vispute(yatishvispute@gmail.com)

Umang panchal(panchalu0@gmail.com)

Brief idea of Project :The project aim is to develop a software on Online Railway Concession System because of this project we would reduce the paperwork , reduce the time of students and staff. The software is user friendly so the non-programmer can easily handle this software. To implement this software the working prototype has been developed. This project will be used by two types of users:1]. Students   2].College administrator

Screenshots of the Project / Photos of Working Model (Min.3):
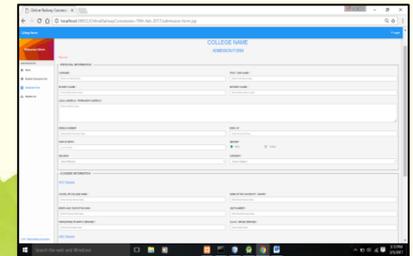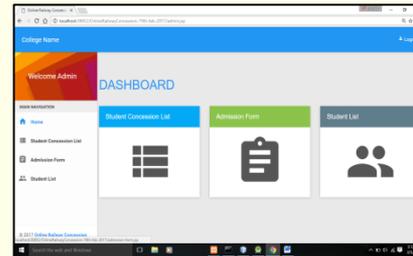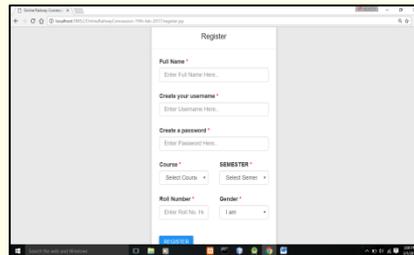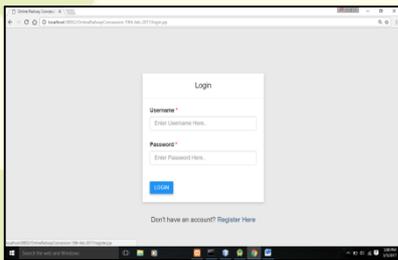
Applications : It is online a system which is easy to use by the student and, by using this system the paper work is less, we can update and edit the content anytime and easily we can print the form

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   :   **Digital Library Application**

Domain (Area of Project)   :   **Mobile Application**

Name of Project Guide : **Prof. Manisha Pokharkar**

Name of Students   : Omkar Patade (patade73@gmail.com)

                                Mihir Hadaye (mihir.hadaye@gmail.com)

                                Vipul Dubey (dubeybipul83@gmail.com)

                                SaadShaikh(saadshaikh1234@gmail.com)

Brief idea of Project: Our project is based on android Application name 'Digital Library Application' basically a library which contains MSBTE question answer set, semester wise, and finally subject wise gathered in one place. The objective of this Digital Library Application android application is to provide a one place where you can find MSBTE question answer set, Syllabus and Reference book stream wise, sem wise, and finally subject wise.

Screenshots of the Project / Photos of Working Model (Min.3):
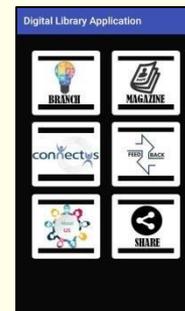
Applications: Find MSBTE question answer set, Syllabus and Reference book stream wise, semester wise, and finally subject wise.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --NONE

Department : Computer Engineering

Project Title : Clinic token system app

Domain (Area of Project) :Mobile application

Name of Project Guide :Prof. Meenakshi Joshi

Name of Students : 1: Shubham kakade

2: Sayed Kashif:-kashifmathers728@gmail.com

3: Suprit Mangde:-mangdesuprit1@gmail.com

4: Kolluri Bhavesh:-

kolluribhavesh1997@gmail.com

Brief idea of Project: It is Basically Clinic Token Sytem Which allows Easy Communication between Dr and Patient and also provides a way to Manage Schedule , a doctor patient handling and managing system is designed that not only assists the doctors in their work but also helps patients in numerous ways like booking doctor appointments and progress of treatment

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: The application will contain the list doctors and doctor's available time for appointment. only information related to their appointment will be displayed through their account so the patient's medical information is safe and secure

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department :Computer Engineering

Project Title   **:Student Assistant**

Domain (Area of Project)   **:Mobile Application**

Name of Project Guide   **: Prof. Kalyani Dodake**
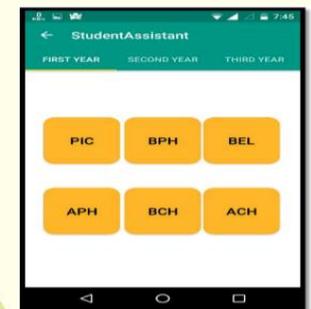
Name of Students   **:** Priya Kurade (priyakuradepk@gmail.com).

                                   Sneha Patel (snehapatel@gmail.com)

Brief idea of Project : To create an application '**Student -Assistant**' to help the students in their studies, conduct online Quiz based on the curriculum and to manage their attendance.

Screenshots of the Project / Photos of Working Model (Min.3):
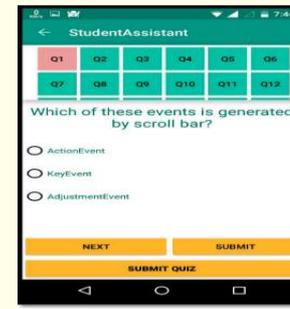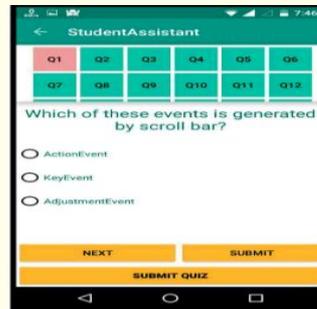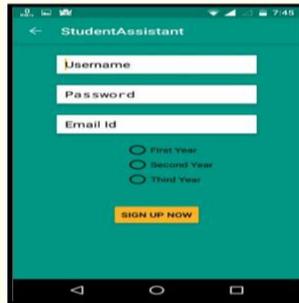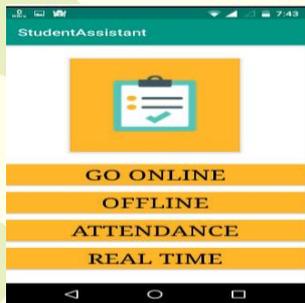
Applications: '**Student-Assistant**' is a handy mobile android application that is created to help the students in their studies, to increase their performance by conducting online Quiz based on their curriculum

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   :   Vehicle Controlled By Mobile App

Domain (Area of Project):   Mobile Application

Name of Project Guide : Prof. Vijay Patil

Name of Students : Hardik Pakhalle (harry.pakhale98@gmail.com)

Makarand Pashilkar (makpashilkar@gmail.com)

Irfan Ansari (irfan.ansari.me@gmail.com)

Brief idea of Project   :

A car is to be controlled by an Android Application through Bluetooth commands. An Arduino board is used to process the data that is received from Bluetooth module HC-05. L293D1 motor driver is used to control 2 DC motors. Raspberry Pi 3 is used to host a web page for live streaming of the car. This is possible by installing and configuring motion software which host an HTTP server on port 8081 by default. The live web stream can be viewed on any device connected on the same network by using IP address of Raspberry Pi 3.

Screenshots of the Project / Photos of Working Model (Min.3):
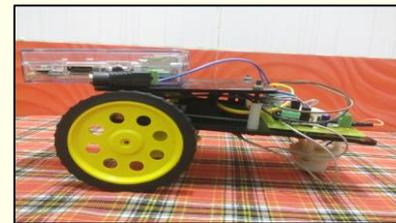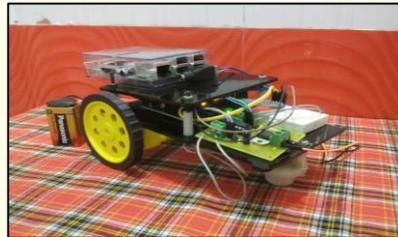
Applications:
1)   To reach places where humans have no access to reach,
2)   To be used as a temperature sensing machine by integrated sensors.
3)   For tracking things.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   : Parking Lot Management System based on IoT

Domain (Area of Project)   : Mobile Application.

Name of Project Guide:Prof.Sonal Gupta

Name of Student: Samisht Jain (samishtjain57@gmail.com)

Jatin Vaidya (jvts.frisky55@gmail.com)

Junaid Waghu (junaidwaghu@gmail.com)

Kavita Jain (jainkavita245@gmail.com)

Brief idea of Project:We have developed a system for our final year Project entitled as Parking Lot Management system based on IOT. It has been observed that the people who own a 4Wheeler vehicle actually faces the problem of parking his/her vehicle and do get frustrated over not getting a free space to park. Hence, to overcome with this situation our team has developed the project that will solve the parking problems.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: This system can be used by Shopping malls, Hospitals and Hotels to manage their entire parking system. Organizations can install such systems as the employees or people who own a 4wheeler

can able to see free parking slot to park their vehicles.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls.Specify:---

Department : Computer Engineering

Project Title   :   **Bike Pooling**

Domain (Area of Project)   :   **Mobile Application**

Name of Project Guide : **Prof. Ketan Bagade**

Name of Students   : **Manish Yadav**

Jagruti Kometkar

Omkar Shinde

Omkar Ghotne

<u>Brief idea of Project</u>   : Bike Pooling application is used for Sharing ride as per business purpose and also use for gaining lifts, Bike Pooling is Developed using Android Development tools based on Java as a front end And Back-end Using My-SQL & PHP

Screenshots of the Project / Photos of Working Model (Min.3):
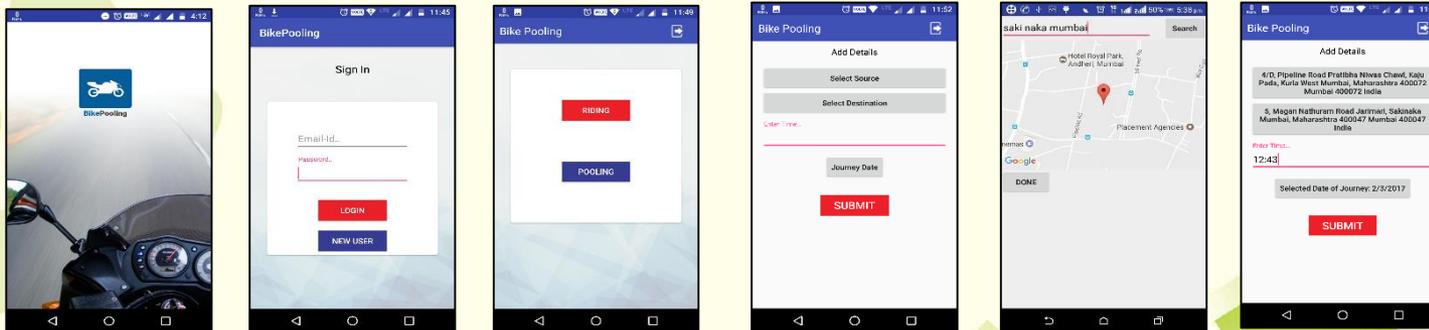
Applications: a) Business b) Sharing

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify

Department : Computer Engineering

Project Title   :   **E-Safety**

Domain (Area of Project)   :   **Android Application**

Name of Project Guide   : **Prof. Rupali Desai**

Name of Students   : Rishikesh Desai

Manthan Todankar

Sudarshan Nivalkar

Brief idea of Project   : E-Safety is an android application which is helpful in case of emergency. It has user and admin side. User can request emergency services like ambulance, fire-brigade, police and women's safety using the application. After requesting the admin will take action on the request with the help of request details and exact location of the user.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: 1. Used by anyone irrespective of age, gender.

                 2. Used in all emergency conditions.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Winner up in V-technovision

Department : Computer Engineering

Project Title : **Home Automation**

Domain (Area of Project) : **Embedded System**

Appliance Control by Mobile App

Name of Project Guide : Prof. **Supriya Kadam**

Name of Students : Novina Rayudu(novinarayudu.97@gmail.com)

Shahid Shaikh(shahidparkar786@gmail.com)

Ashraf Ali(sashrafali7@gmail.com)

Anne Rajan (annarajan97@gmail.com)

Brief idea of Project :

In this project we are building a home automation system, where one can control the home appliances, using the simple **GSM based phone**, just by sending SMS through his phone. In this project, no Smart phone is needed, just the old GSM phone will work to switch ON and OFF any home electronic appliances, from anywhere.

It focuses on making it possible for older adults and people with disabilities to remain at home, safe and comfortable.

Screenshots of the Project / Photos of Working Model (Min.3):
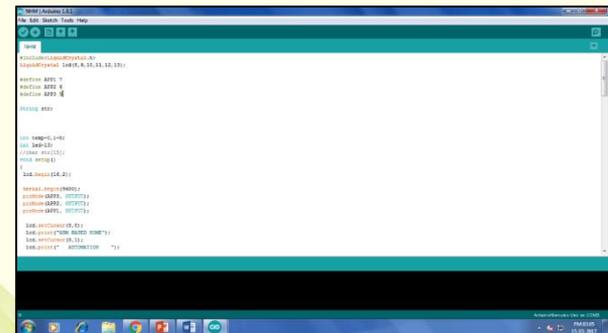
Applications:

HVAC Regulation

No Longer Burned by Your Heating Bill

To help Handicapped people

Where less energy consumption is major factor

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   :   RFID Based Toll collection System

Domain (Area of Project)   :   embedded system

Name of Project Guide : Prof. **Poonam Pandire**

Name of Students   : Bhavneet Singh Sachdev-
bhavneetsachdev58@gmail.com
Parmeet Singh Bangapsb349@gmail.com
Navneet Chauraisya-nav2@gmail.com
Rahul Dogra-rahuldogra1@gmail.com

Brief idea of Project :The brief idea of the project is to use active rfid cards for toll stations so that the need for the car to stop is eliminated thus reducing traffic

Screenshots of the Project / Photos of Working Model (Min.3):
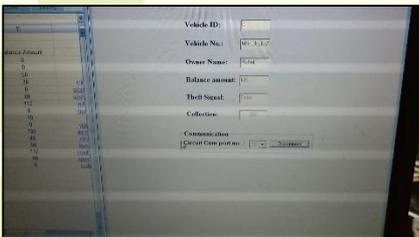
Applications: Toll Stations

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Biomedical Engineering

Project Title : **Automatic Door Access control Using RFID**

Domain (Area of Project) : **Embedded System**

Automatic Door control

Name of Project Guide : Prof. Poonam Pandire

Name of Students : Advait Kunte (kunteadvit348@gmail.com)

Surendra Loke(surendraloke18@gmail.com)

Yash Sapte(sapteyash5252@gmail.com)

Pratik Sapte (pratiksapte99@gmail.com)

Brief idea of Project :- Radio-frequency identification (RFID) is an emerging technology and one of most rapidly growing segments of today"s automatic identification data collection industry. RFID usage is steadily increasing and companies across many industries are now looking at RFID to streamline operations, meet regulatory requirements and prevent the introduction of counterfeit product into the supply chain to protect both consumer safety and company profitability.

:

Screenshots of the Project / Photos of Working Model (Min.3):-

Applications:-For Security purpose at Banks ,Offices. Credit card systems. Use in hatches in   shipping company.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --   NONE

Department : Computer Engineering

Project Title   : Fingerprint Based ATM System.

Domain (Area of Project)   : Embedded System.

Name of Project Guide: Prof. Manisha Pokharkar

Name of Students   :VAIBHAVI KOLI (kolivaibhavi987@gmail.com)

RUCHIRA BIDU (ruchirabidu1@gmail.com)

DIVYA KARE (divyakare2@gmail.com)

SHIVANI LAD (shivanilad31@gmail.com)

Brief idea of Project   : The project aims at "Accessing an ATM system using Bio-metrics". It enables a person to access its own bank account transaction by implementing the finger scan technology based on Bio-metrics. The system has been designed and implemented in cost effective way so that if our project is commercialized the needy users in developing countries will benefit from it.Finger-scan technology is the most commonly deployed bio-metric technology, used in a broad range of physical access and logical access applications.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications: One advantage of finger-scan technology is accuracy.
Identical matches are nearly impossible making it unlikely that two fingers would bee identical**.**

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
.

Department : Computer Engineering

Project Title   :   IOT Based Water Level Indicator system

Domain (Area of Project)   :   (Embedded System)

Name of Project Guide : Prof. Swati Ranade

Name of Students   : Pranav Harer (Pranavpharer@gmail.com)

   Sarvesh Patil (iamsarveshp@gmail.com)

                       Tanmay Tare (taretanmay20@gamil.com)

                       Yashwant Chavan (yashwant.123@yahoo.com

Brief idea of Project : Water level monitoring system is a IOT (Internet Of things) based software plus hardware project. Here a circuit is designed which can make this system automatic soon as the water level reaches a pre-determined level. Water Level detector employs a mechanism to detect the water level in a tank . Hence this water level detector is one of the cheapest & simplest devices which prevent wastage of both electricity and water sensor

Screenshots of the Project / Photos of Working Model (Min.3):
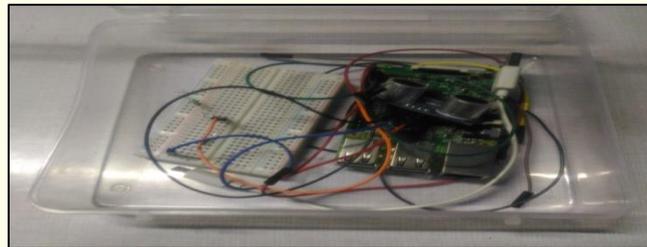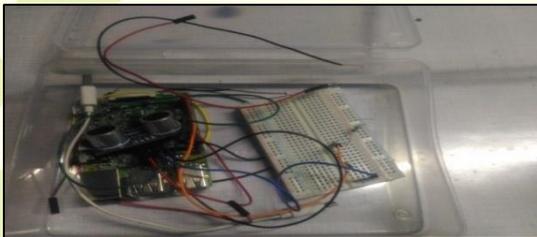
Applications: Monitoring Systems are necessary to understand the changes that take place in environments. Remote monitoring and data collection systems are useful and effective tools to collect information from bulk storage tanks and to monitor the same. The measurement of liquid inside the tank is most important and such systems are useful in industries which are categorized as safety critical systems.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   : Handy Biometric Attendance System

Domain (Area of Project)   : Embedded System

Name of Project Guide   : Prof . Vaishali Malkar

Name of Students   : Runali Gawade

Reema Gawade

Akansha Nakate

Akshay Patil

Brief idea of Project : **An attendance report is generated by the Biometric attendance system when the fingerprint of the student matches to the stored image according to its Roll no when the teacher logs in.**

Screenshots of the Project / Photos of Working Model (Min.3):
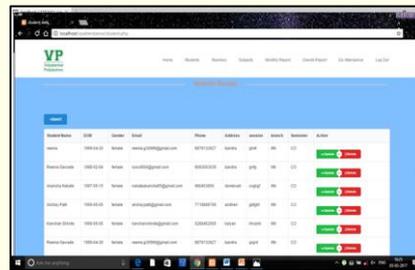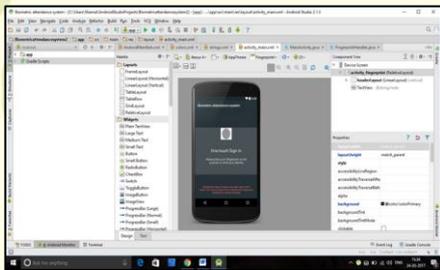
Applications:
1) Industrial Organization 2) Educational Institute

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title   :   **Light Fidelity**

Domain (Area of Project)   :   **Embedded system**

Name of Project Guide : Prof. Vibhuti Bendale

Name of Students   :   **Prashant Mishap, Kanchan Shinde**

                   Pratik Bahirat

Brief idea of Project : Light Fidelity is li-fi which is used to transmit the data through light i,e LED. With the wide use   of wireless gadgets, the demand of wireless internet is increasing at a very high pace and stealing it from the guy next door, or competing for bandwidth at a conference, the slow speeds you face when more than one device is tapped into the network. When many devices access wireless internet, clogged airwaves are going to make it. To over come this there is a solution known as "Data through illumination". This technology is known as "LI-FI".

Screenshots of the Project / Photos of Working Model (Min.3):
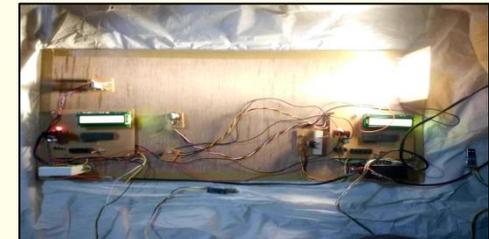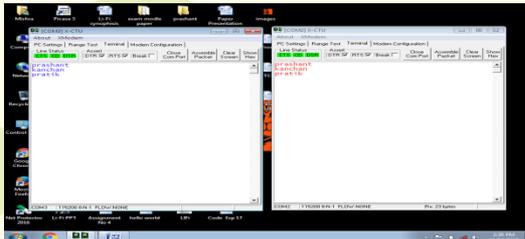
Applications: a) Education systems, b) Medical Applications: , c) Underwater applications

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Paper Presentation at state Level 2ⁿᵈ Position
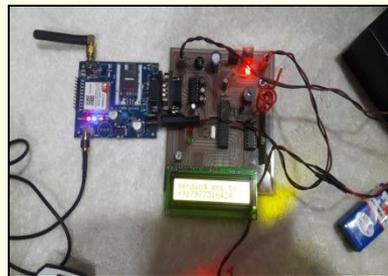
Department : Computer Engineering

Project Title : **School Bus Tracking System**

Domain (Area of Project) : **Embedded system**

Name of Project Guide : **Prof. Sneha Patange**

Name of Students : GAYATRY SETHY

TEJASHREE KASEKAR

TRUPTI VINJUDA

MADHURI KAMBLE

Brief idea of Project : In case of bus hijacking or when a person is prohibited from moving out of a particular geographical system, it is very difficult to keep a constant watch on the person. Also it is difficult to track if any bus among the huge number of buses has escaped. For such situations we propose a gps school bus tracking system that automates this process

Screenshots of the Project / Photos of Working Model (Min.3):
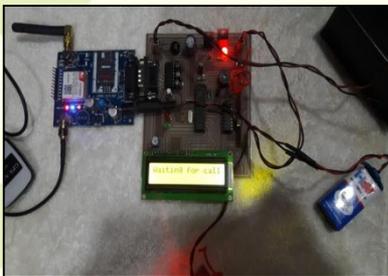
Applications: This system can be used in taxi services, public transport and emergency vehicles like ambulance. It can also be used for tracking goods which has to be transported through long distance. It can be used for keeping a watch on prisoners who needs to be shifted from one place to another

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department : Computer Engineering

Project Title : **Intelligent Patient Monitoring System**

Domain (Area of Project) : **Embedded System**

Name of Project Guide : Prof. Sudhir Lawand

Name of Students : Vaikunda Nadar

Aniket Shrivastav

Durgesh Yadav

Shubham Dhivar

Brief idea of Project :
Patient Monitoring System is a process where a surgeon can continuously monitor more than one patient at a time in remote place. In general, a compact sensor, is used to monitor the heartbeat in analog form and to check the condition of the patient. So we will be connecting temperature sensor and heartbeat sensor so that simultaneously we can monitor the patient's condition.

Screenshots of the Project / Photos of Working Model (Min.3):

Applications:
•It can be used in ICU's, operation theatres, monitoring of body temperature and heartbeat
•It can be also used in old age homes to monitor the various parameters of a sick person in old age homes.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- L & T Sponsored Project.

Department : Computer Engineering

Project Title   : RTC Based Pump Switching Management

Domain (Area of Project)   : Embedded System

Name of Project Guide : Prof. Shradha Nimankar

Name of Students   : Samad Patel

                          Asif Qureshi

                          Yogesh Mohite

                          Saad Khan

Brief idea of Project : The project focuses on managing water supply in a Farm ,By Timely Switching the pumps connected to the farm. Which will help farmers to save his time and water.

Screenshots of the Project :

Applications: 1)Farm Management
                 2)Water Supply Management
                 3)Area Load Management

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- NO

Department : Computer Engineering

Project Title   : SMART LOCKER BASED ON SPY PASSWORD

Domain (Area of Project)   : Embedded System

Name of Project Guide   : Prof.Prasad Koyande

Name of Students   : Harshal Nikam

                             Raj N. Potdar
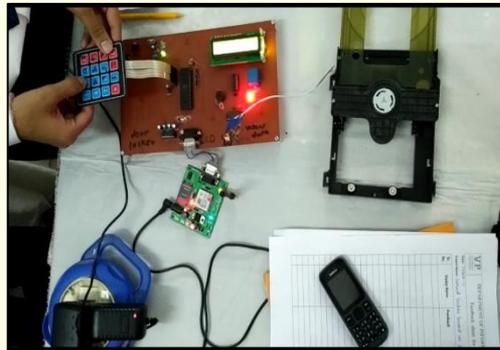
                             Anil Kumar

                             Anand Gupta

Brief idea of Project : The project focuses on managing water supply in a Farm ,By Timely Switching the pumps connected to the farm. Which will help farmers to save his time and water.

Screenshots of the Project :

Applications: 1) Used In Bank,
                   2) Home,Hospital,Jewellery,
                   3) Showroom and Mall.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- NO

Department : Computer Engineering

Project Title : Hand gesture based robotic vehicle

Domain (Area of Project) : Embedded System

Name of Project Guide : Prof. Shradha Nimankar
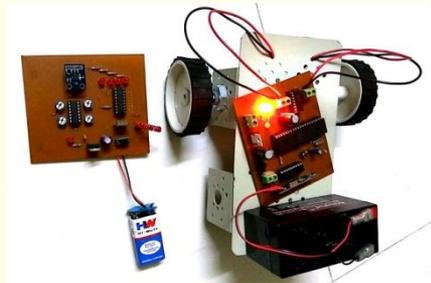
Name of Students : Zaeem Ansari

Altaf Khan

Wasim Shaikh

Adnan Khan

Brief idea of Project : The project is very beneficial for disabled/handicapped people who cannot walk rather they depend on others. This project makes them in dependable.

Screenshots of the Project :

Applications: 1)Hospitals
2)Spy agents
3)TV,Computers

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- NO
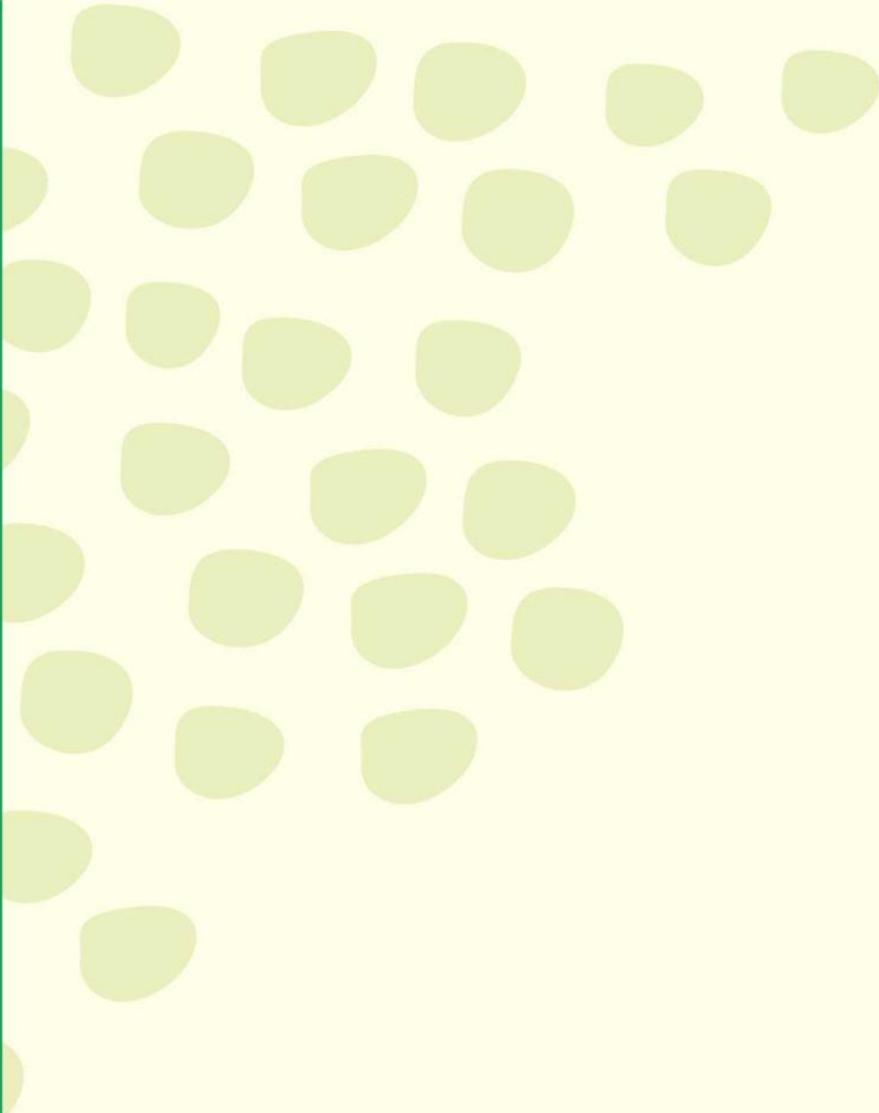
Project Committee
Department of Computer Engineering

	Vijay T. Patil
	Supriya Angane
	Prasad Koyande