VP | Vidyalankar Polytechnic

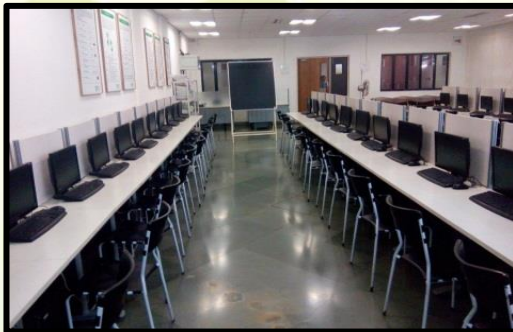# V-ideas

2018 - 2019

Program: Information Technology
(NBA Accredited)

Accredited By: National Board of Accreditation, New Delhi

NBA
NATIONAL BOARD of ACCREDITATION

Be sure with

Vidyalankar

Since 1960

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 Polytechic 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 & 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 2019

"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.

Program : Information Technology

Vision

To become a leading center in the domain of Information Technology where learners are introduced to the concepts and implementation of technologies.

Mission

- Encouraging academic excellence and a passion for learning through the use of learner-oriented teaching methodologies.

- Providing an environment that inculcates ethics and effective soft-skills and focuses on the development of learners.

- Establishing and reinforcing a symbiotic institute-industry interface so that learners can gain exposure to real-life applications of Information Technology.

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Program : Information Technology

Project Title   :   **Intelligent Parking System (IPS)**

Domain (Area of Project)   :   **Internet of Things**

Name of Project Guide : Ms. Archana Gopnarayan

Name of Students   :   16202B0001-Amaan Syed

16202B0035-Chaitanya Amle

16202B0036-Muaviya Momin

16202B0005-Sufiyan Khan

Brief idea of Project : "Intelligent Parking System using Android Application" provides user an easy way of booking the parking slots through an application. To avoid the problem of traffic conjunction in commercial areas that unnecessarily consumes time, this application provides the easy reservation system for parking.

Screenshots of the Project / Photos of Working Model:
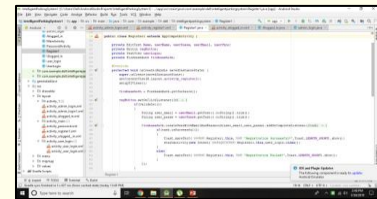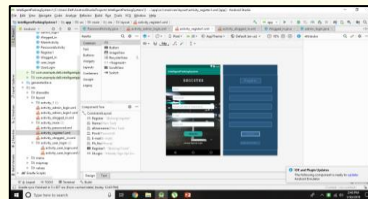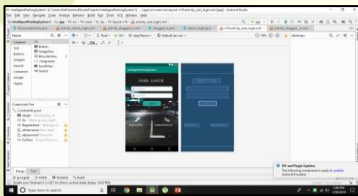
Application:
1. Can be used in commercial building
2. Can be used in malls.
3. Can be used in theatre parking.

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

Program : Information Technology

Project Title   : **Multi-Features RC Quadcopter**

Domain (Area of Project)   : **Internet of Things (IOT)**

Name of Project Guide: Ms.Samidha Chavan

Name of Students   : 17202B1010-Dheran Salian

                             17202B1002-Niraj Shirkar

                             17202B1004-Nikhil Jadhav

                             17202B1005-Anuj Pathare

                             17202B1007-Roshan Dighe

Brief idea of Project : The goal of this project is to build, modify, and improve an existing quadcopter kit to obtain stable flight, gather and store GPS data, and perform autocommands, such as One key Return.

Screenshots of the Project / Photos of Working Model :

Applications:
1. Search and Rescue.
2. Police Code Enforcement/Inspections, Emergency Management, Fire.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Participated in State level competition at SS Jondhale Polytechnic, Asangaon, Raigad.

Program : Information Technology

Project Title   : Smart Drainage System using IOT

Domain (Area of Project)   : Internet Of Things(IOT)

Name of Project Guide: Ms. Archana Gopnarayan

Name of Students   : 16202A0004-Furkan Patanwala

16202A0012-Ishan Kadam

16202A0017-Neel Kore

16202A0058-Tanvi Gangar

Brief idea of Project : Smart drainage system using IOT. In these System wires are placed to detect the Water Level. When water level rises it is detected by the sensor and then it is send to the ESP WIFI module. Based upon the output values given by the ESP WIFI-Module drainage water levels is send to Thing-speak where the output is displayed and that Website can be monitored by a person. If alert is detected then the person can pass the message to his team and the problem can be cleared at the detected location.

Screenshots of the Project / Photos of Working Model :
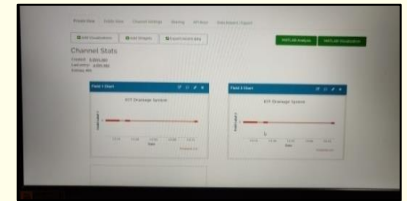
Applications:
1. It will be used in Drainage.

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

Program : Information Technology

Project Title : Smart Farming

Domain (Area of Project) : Internet Of Things

Name of Project Guide : Mr. Sunil Dodake

Name of Students : 16202B0014-Sahej Bright

1520B0001-Devesh Gaonkar

16202B0004-Abhishek Pandey

16202B0010- Himanshu Gokharu

Brief idea of Project : The purpose of developing this project is create an automated plant watering system. This project will be a proof of concept based on a single plant, however such a system can be expanded to massive farmlands as well with appropriate upsizing of hardware.

Screenshots of the Project / Photos of Working Model :
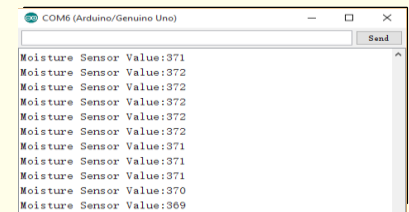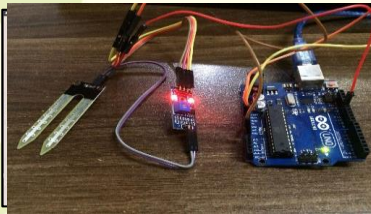
Applications:
1. Soil and Crop Health can be maintained easily
2. Climate monitoring and Storage Condition is not complex.
3. The project can be deployed by farmers to manage their huge fields.

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

Program : Information Technology

Project Title   : **IoT Enabled Air Quality Monitor With Smart Dashboard**

Domain (Area of Project)   :   Internet of Things (IoT)

Name of Project Guide: Ms.Sridevi Taradi

Name of Students   : 16202B0032 - Pranit Jadhav

16202B0033 - Amardeep Pote

16202b0050 - Rohan Juikar

16202B0053 Gautam Gajara

17202B0012 - Junaid Dhanwelkar

Brief idea of Project : This project focuses on the monitoring and controlling the air pollution generated by vehicles. It is an real-time embedded system in which, a devices will be attached to Outside , Inside of Industry. When pollution generated by Chemicals, gas goes beyond the threshold value, sensors will detect and then device will give intimation to the owner of Industry through android app. The device monitor all the harmful gas By using Sensor the Real-time sensing values goes to the database and we can get This value from Mobile app. This IoT device helps the Controlling Harmful gas releases from the Industry.

Screenshots of the Project / Photos of Working Model :

Applications:
1. We can use this device in industry, home, indoor or outdoor.
2. We can also put this sensors to bus and vehicles for check the quality of air

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

Program : Information Technology

Project Title   : **Street Light Monitoring System**

Domain (Area of Project)   : Internet of Things (IoT)

Name of Project Guide: Ms.Madhura Mokal

Name of Students   : 16202A0034-Farhan Momin

16202A0051-Irvin Kunder

16202A0053-Yusuf Malpekar

16202A0055-Arik Mondal

Brief idea of Project: A "Street light based Monitoring System" in which lights will be automatically on /off and fault will be detected and message will be send if street lights are not functioning properly.

Screenshots of the Project / Photos of Working Model :

Applications:
1. It can be used for automatic Street Light Management.

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

Program : Information Technology

Project Title   : Iot Based Garbage Monitoring System Using Arduino.

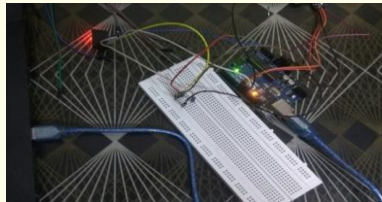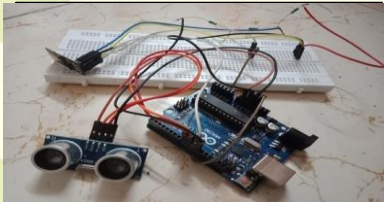**Domain (Area Of Project)**   : Internet Of Things (Iot)

Name of Project Guide: Ms.Shonal Vaz

Name of Students   : 17202A1007-Geeta Kolte

                    17202A01001-Priyanka Rathod

                    16202A0032-Suchita Gawade

                    16202A0050- Anuja Misale

Brief idea of Project : This project will help in resource optimization & if the bins will be emptied at time then the environment will remain safe & free from all kinds of diseases.The city will become more cleaner & the smells of the garbage will be less.

Screenshots of the Project / Photos of Working Model :

Applications:
1. It can be used for smart city.

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

Program : Information Technology

Project Title   **:   Virtual Reality Glove**

Domain (Area of Project)   :   Internet of Things (IoT)

Name of Project Guide: Ms. Samidha Chavan

**Name of Students   :   16202A0040-Siddharth Shetty**

                              16202A0049 -Sanket Kale

                              14202A0025-Nikhil Pingle

Brief idea of Project : The glove is designed for use in Virtual Reality systems and is integrated into a suite of applications and we can simply wave our hand in front of the computer and move the pointer to the desired location and perform some task.

Screenshots of the Project / Photos of Working Model :
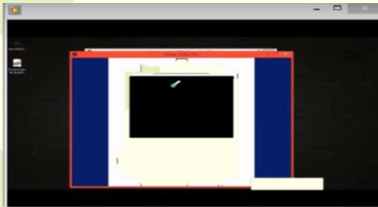
Applications:
           1.Video Games.
           2.Advancement in the existing technologies.
           3.Doctorial Training practice.

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

Program : Information Technology

Project Title   : **Smart Cap**

Domain (Area Of Project) : **Iot(internet Of Things)**

Name of Project Guide: Ms.Trupti Dudhat

Name of Students   : 16202C0037-Adnan Ahmed Butt

   16202C0039-Fiza Damri

                             16202C0006-Sahil Shirodkar
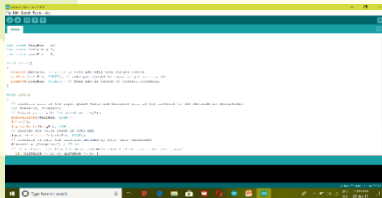
                             1620222C0042-Saima Shaiikh

                             16202C0044-Bhagyashri Pawar

Brief idea of Project : In this project we have presented the design of voice-based navigation system for blind using recognition module and GPS module implemented on Arduino board. This application helps the blind person to navigate.

Screenshots of the Project / Photos of Working Model :
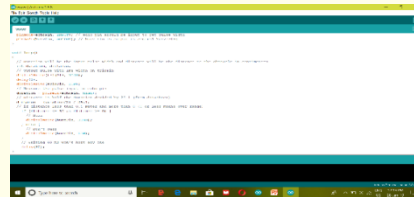
Applications:
1. Using detection and navigation for blind person

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

Program : Information Technology

Project Title   **:**   **College Portal Website**

Domain (Area of Project) **:**   **Web Technology**

**Name of Project Guide: Ms. Yogita.N.Jore**

Name of Students   **:** 17202B1008-Vaibhav Pandey

                      17202B1011-Mhd. Faheem Chaudhary

                      17202B1007-Mohsin Sayyed

                      17202B1009Mohd. Saif Khan

                      17202B1001-Rohit Sorte

Brief idea of Project : Online College Portal (OCP) provides a simple interface for student–faculty information sharing platform. It can be used by educational institutes or colleges to convey the information easily to students. The creation and management of accurate, update information regarding a students academic information(Notice) is critically important for colleges as well as students**.**

Screenshots of the project:
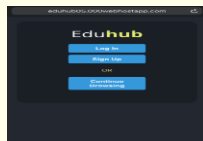
Application:

1. Information sharing platform for PPT, Photos ,Notes, Files, Experiments ,etc

2. Urgent rollouts like Attendance sheets, defaulter sheets, Exams related Announcements,etc

3. Login is not Mandatory

4. Easy and Light Interface so it works on all possible devices and networks

5. User customisable homepage and followings

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

Program : Information Technology

Project Title   :   **Courier Management And Map Tracking**

Domain (Area of Project)   :   **Web Technology**

Name of Project Guide: Ms. Samidha Chavan

**Name of Students**   :   16202A0005-Ameya Shinde

16202A0037-Siddhesh Lamkhade

16202A0035-Prafull Mhatre

16202A0052-Poonam Patil

Brief idea of Project: The main aim of the project is to manage the delivery of a particular courier to the desired person. For more accuracy map tracking is used so that the person who receives the courier can know where his/her courier reached.

Screenshots of the Project / Photos of Working Model:
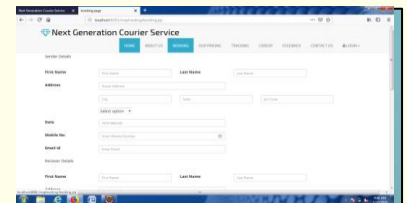
Applications:
1. It can be used to track the parcel and deliver the courier safely.

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

Program : Information Technology

Project Title   **: E-Event Manager**

Domain (Area of Project) : Web Technology

Name of Project Guide: Ms. Sushma Pawar

Name of Students   **:** 16202A0016-Prathmesh Shirke

                       16202A0022-Nishant More

                       16202A0062-Vipul Gaikwad

                       16202A0001-Ronil Sawant

Brief idea of Project : This is Web Application which helps the organizers to find a appropriate event management company as well as it provide a platform for event management companies to grow their business.

Screenshots of the Project / Photos of Working Model :

Applications:
1. In automation of event management process as well as for creating a platform for event management companies to promote their business.

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

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Program : Information Technology

Project Title   **:**   **Food Flood**

Domain (Area of Project)   **:**   **Web Technology**


Name of Project Guide: Ms. Chetashree Bhusari

Name of Students   **:** 16202A0023-Sonal Kasare

16202A0018- Priti Wagaralkar

16202A0038- Rhea Fernandes

16202A0043-Swapnali Jangle

Brief idea of Project : The main objective of restaurant management system is to same lot of users or customers time for searching for good restaurants, pre-booking table as well as ordering food and waiting for it, etc.

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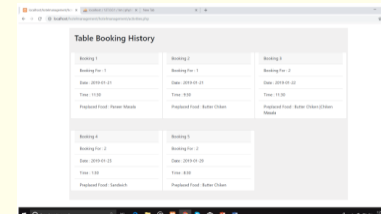
Applications:

1. Can pre-book food items online.
2. Book food along with its quantity which saves a lot of time.

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

Program : Information Technology

Project Title   :   **Vidyalankar Parking System**

Domain (Area of Project)   :   **Web Technology**

**Name of Project Guide: Ms. Yogita Jore**
Name of Students   :17202A1005 -Tejas Joshi
                       17202A1011 -Tanmay Mhatre
                       17202A1009 -Shyam Mishra
                       17202A1008 - Satish Chaurasia
                       17202A1006 - Akshay Mane

Brief idea of Project: This document is a proposal for the design and development of a Vehicle Parking management system in colleges. This is designed to maintain a good record of vehicles check-in and check-out time and also to get number of vehicles parked by a particular student.

Screenshots of the Project / Photos of Working Model :
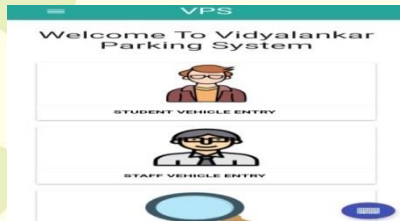
Applications:
1.It is use to implement in college parking allotment
2.It will save time of student and guard.

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

Program : Information Technology

Project Title   **: Health Recorder**

Domain (Area of Project)   **: Web Technology**

Name of Project Guide: Ms.Kalyani pawar

Name of students   : 16202C0030-Shreyas Badbe

                               16202C0016- Anish Bhoir

                               16202C0017-Aakash Bhosale

                               16202C0022-Niranjan Parte

Brief idea of Project: The project idea is selected accordingly for making efforts easy and applying technology towards progress. It is completely a patients user interface application. It helps interactor to book appointment with doctor for any medical or health issues.

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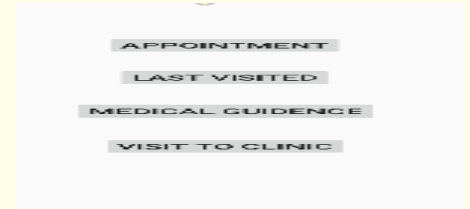
Applications:

1) Help us to book appointment with doctor

2) It is use store all important prescription

3)All medical reports are saved within one application

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

Program : Information Technology

Project Title   :   Online Real Estate Website

Domain (Area of Project)   :   Web Technology

Name of Project Guide: Ms.Prerana Jalgaonkar

Name of Students   :

16202C0018 -Saurabh Wagh

16202C0032-Sanket Jagtap

16202C0033 –Barath Balaji

16202C0046-Arun Kumar

Brief idea of Project: In this project, we are developing web application wherein information of properties (Residential/ Commercial) and we are doing comparison among various portals.

Screenshots of the Project / Photos of Working Model :

Applications:

1. It minimizes the task of visiting property.
2. It acts as a bridge between customer and owner.

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

Program : Information Technology

Project Title :Sujok Therapies

Domain (Area of Project) : Web Technology

Name of Project Guide:Ms. Shushma Pawar

Name of Students : 17202A1002-Iram Sayed

16202A0042-Nida Malik

16202A0045-Rutuja Kathapurkar

Brief idea of Project : it is a client server program which helps the client to access through the web page and meet needs related to sujok .Here client can take online appointment of doctor.

Screenshots of the Project / Photos of Working Model :

Applications:
1. Remedies for pain or any other health related problems.
2. Online appointment

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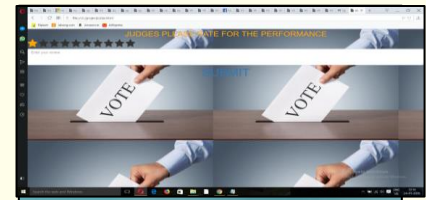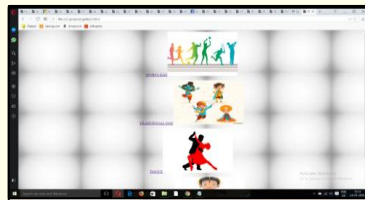
Program : Information Technology

Project Title   **: VP Verve**

Domain (Area of Project)   **: Web Technology**

Name of Project Guide   **: Ms.Sridevi patil**

Name of Students   **:** 15202A0056-Nikhil Parab

         16202A1005- Sandeep Kharat

         15202A0040-Aniket Baviskar

         14202A0015-Priyesh Shinde

Brief idea of Project: Our project is based on VIDYALANKAR COLLEGE FESTIVAL. In this website we are going to control the entire event through this web application. Through this website all department students can able to see recent year sports schedule, last year fest pictures, dance performance etc.

Screenshots of the Project / Photos of Working Model :

Applications:
 It can be used for judging the various competitions.

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

Program : Information Technology

Project Title   : **VP Quiz Mania**

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

Name of Project Guide: Ms. Yogita Jore

Name of Students   : 16202A0028-Advait Salgaonkar

                       16202A0029-Akshay Billava

                       16202A0044-Ratan Sahu

                       16202A0041-Mihir Ausarmal

Brief idea of Project : It is a high speed quiz making and quiz solving system. You can create quiz as well as you can solve it . It will also generate report of competition.

Screenshots of the Project / Photos of Working Model :

Applications:
1. It can be used in various competitive examinations.

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

Program : Information Technology

Project Title   : Online Payment using Steganography and Visual Cryptography

Domain (Area of Project)   : Security

Name of Project Guide: Ms.Archana Gopnarayan

Name of Students   :16202B0002-Siddhesh Jadhav

16202B0003-Shivani Renuke

16202B0040-Swaraj Kadam

16202B0049-Shubham Manjrekar

Brief idea of Project : A humongous development in E-Commerce market is seen in the entire world. In this payment system makes use of combine steganography and visual cryptography. This project makes use of an original image which is further divided into two shares that are stored in separate database servers. By using K out of N (K, N) a secret image is encrypted which are trivial images. Only by combining K share with N share makes the image meaningful; an individual part of the original image does not reveal the identity of the original image. Once the original image is revealed to the user it can be used as the password.

Screenshots of the Project / Photos of Working Model :
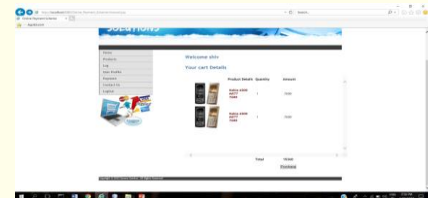
Applications:
1. For ensuring a safe transaction.
2. To safeguard customers credentials.

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

Program : Information Technology

Project Title   : **Smart Railway System**

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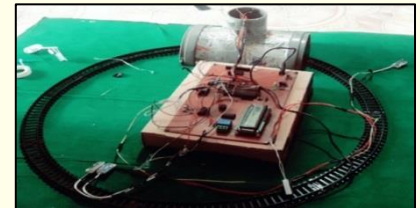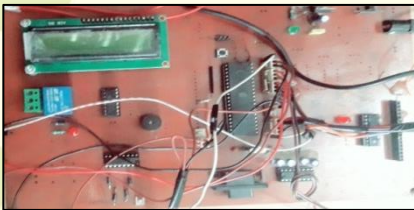

Name of Project Guide: Ms.Tanvi Gursale

Name of Students   : 16202A0021-Chandani Mourya

                            16202A0048-Shraddha Khedkar

Brief idea of Project : A "Smart Railway System" helps in controlling tunnel lights and automatically opening and closing the railway gate.

Screenshots of the Project / Photos of Working Model :

Applications:
1. In railway system.
2. In car parking areas

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

Program : Information Technology

Project Title   **: Solar Grass Cutter**

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

Name of Project Guide: Mr. Sunil Dodake

Name of Students   **:** 16202A0008-Yash Mhatre

                        16202A0003-Ritik Vijan

                        16202A0002-Cynthia Delvin

Brief idea of Project : This is a solar grass cutter which totally eliminates the need of hiring a professional gardener just so the user can tend to his/her garden. The user can sit in their quarters with ease and see their garden being maintained by a machine.

Screenshots of the Project / Photos of Working Model:
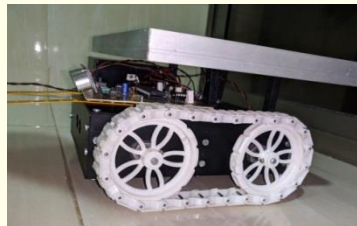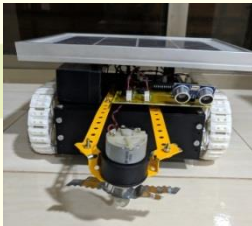
Applications:
1. It can be used to save energy required by the electrical grass cutter by using solar power.

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

Program : Information Technology

Project Title   :   **Pi based Reader**

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

Name of Project Guide: **Ms.Rupali Sheth**

Name of Students   :   16202C0015-Shardul Birje

                               16202C0036-Yesh Jadhav

                               16202C0020-Hitesh Poojary

                               16202C0005- Jaagrut Shah

Brief idea of Project: Basically we are working with Raspberry pi in which it takes pictures of text content around its vicinity from the webcam attached to Pi , converts it to speech and speaks out the text through a headphone or speaker connected to its audio jack.The output of text recognized is set to default as English.

Screenshots of the Project / Photos of Working Model :
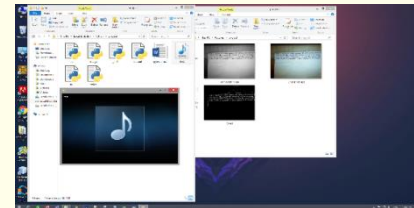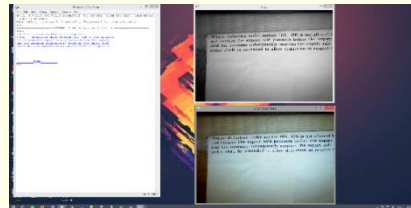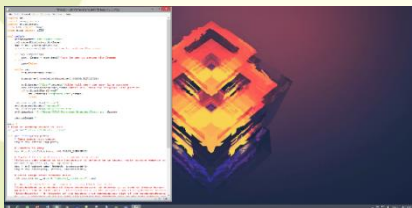
Applications:
1. Pi based Book Reader for visually impaired human.
2. Pi based Reader for helping people who have trouble reading.
3. Pi based Reader for people who have Literacy issues.

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

Program : Information Technology

Project Title   :   **Voiceless To Voice**

Domain (Area of Project) :   Embedded System

Name of Project Guide: Ms. Chetashri Bhusari

Name Of Students   : 16202B0018-Hiteshri Jondhalekar

16202B0024-Santoshi Parkar

17202B1003-Reema Yedge

16202B0034-Pragati Gaikwad

16202B0058-Sakshi Kapdi

Brief idea of Project :   Project aim is to reduce the communication gap between deaf and mute community and normal people. This project will help the people in this we have to used a glove in which the circuit 'flux sensor 'is used. AT mega 8535 is microcontroller used. The used of this converts the analog input data from flux sensor to digital form. A Bluetooth module is use by the microcontroller to send the digital data to android phone.

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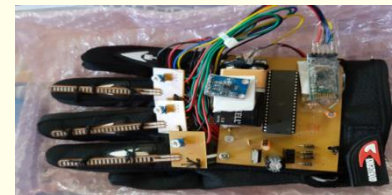
Applications:

1.   It is used in handicapped or mute person.
2.   It can also be used in Handicapped Training centre.

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

Program : Information Technology

Project Title   : **Fire Detector and Extinguisher Robot**

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

Name of Project Guide: Ms.Kalyani Pawar

Name of Students   : 16202C0023-Shivam Bangar

                                16202C0040-Omkar Aachrekar

                                16202C0013-Ninad Rayanak

                                16202C0003-Soham Lotankar

Brief idea of Project : In this project we design Arduino based fire detector and extinguisher robot that could move towards fire and pump out water and put down the fire .The advancement of technology especially in robotics it is very much possible to replace humans with robots for fighting the fire. We are going to build Fire Detector and extinguisher robot which will automatically sense the fire by flame sensor and temperature sensor and start the water pump.

Screenshots of the Project / Photos of Working Model :

Applications:
1. Can be used in server rooms.
2. Extinguishers fire where probability of explosion is high.
3. Disaster area monitoring and rescue.
4. The main purpose is to rescue the people by extinguishing fire in a building.

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

Program : Information Technology

Project Title : "7 BOTS"

Domain (Area of Project) : Robotics

Name of Project Guide: Ms. Rupali Sheth

**Name of Students** : 12202C0186-Karan Ranpise

16202C0002-Nishant Daund

16202C0011-Apurva Shinde

16202C0014-Shreyas Karale

Brief idea of Project: The project is on robotics which contain seven features. It is developed using Embedded C and the software used is kiel version 5. The idea behind this project is to minimize the efforts in industrial area and using the real technology towards the progress of world.

Screenshots of the Project / Photos of Working Model :
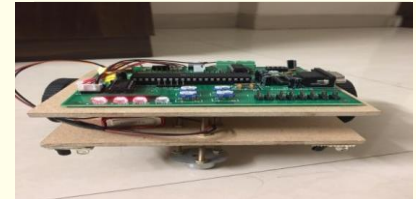
Applications:-
1. Industrial Applications-These robots can be used as automated equipment carriers in industries replacing traditional conveyer belts.
2. Automobile applications-These robots can also be used as automatic cars running on roads with embedded magnets.
3. Guidance applications- These can be used in public places like shopping malls, museums etc to provide path guidance.

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

Program : Information Technology

Project Title   **:**   **Find Me A Doctor**

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

Name of Project Guide: **Ms. Sushma Pawar**

Name of Students   : 16202B0045-Sanchit Bhosale

                              16202B0046-Jay Patel

                              16202B0059-Pooja Phodkar

                              16202B0029-Neeraj Dumbare

                              16202B0039-Narayan Ligade

Brief idea of Project: This project topic is chosen to help people find nearby medical help required in any kind of medical emergency. The application detects your current location and on the basis of your location it shows you all the medical resources nearby you (i.e. doctor clinics, chemist stores, hospitals).You need to Register in the application using with username and password. The application will also store your medical history.

Screenshots of the Project / Photos of Working Model :
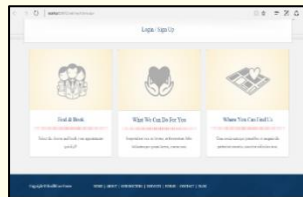
Advantages:
1. This application detects your current location and on the basis of your location it shows you all the medical resources near you.
2. This application is design to find a nearest and fastest medical help to you in case of any accident or any serious injury or any serious medical issue.

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

Program : Information Technology

Project Title   **:**   **Clinic Management System**

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


Name of Project Guide: **Ms. Madhura Mokal**

Name Of Students   **:**   16202B0011-Harsh Sukale

16202B0019-Ganesh Mididoddi

16202B0017-Shubham Satam

16201B0005-Dhruyash Mahale

Brief idea of Project : The project clinic management is software developed to simplify the communication process between the doctor and the receptionist. The software would be operated by two users one is doctor and the other is receptionist. Receptionist would be responsible for assigning token numbers to the patient visiting the clinic and save it in the database along with their details.

Screenshots of the Project / Photos of Working Model :
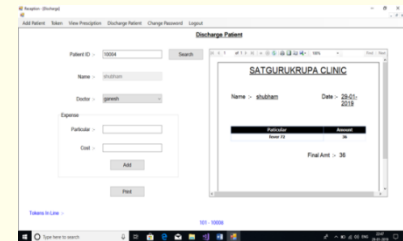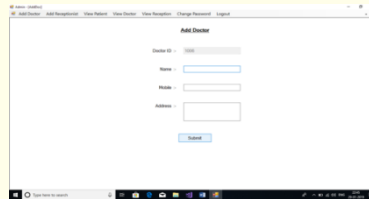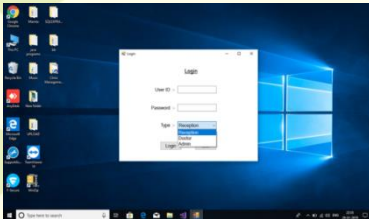
Applications:
1. It can also be used in hospitals.
2. The project can be implemented in government or private clinics.

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

Program : Information Technology

Project Title   :   **Medical Analyzer**

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

Name of Project Guide : Mr. Ketan Bagade

Name of Students   :   17202C1010-Samruddhi Tapare

                                 17202C1003-Amruta Shinde

                                 15202C0009-Roshini Dewar

                                 16202C0034-Manali Kadam

Brief idea of Project : Our project is a web application that provides a platform for customers to book a appointment of a Doctor or Pathology Lab or Lab Tests, to buy a medicinal products online.

Screenshots of the Project / Photos of Working Model:
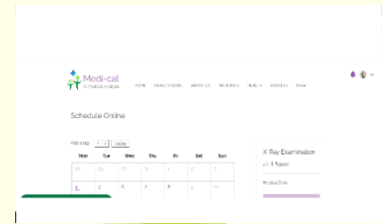
Applications :
1. **Its easy to take appointment of any doctor using this.**
2. **We can order medicine from our home.**
3. **We can Consult Doctor Online through Video.**

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

Program : Information Technology

Project Title   : **Look Based Media Player**

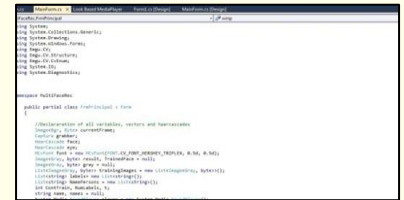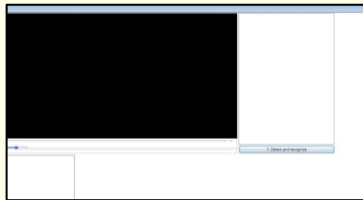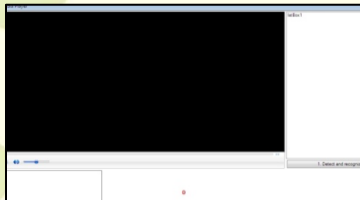**Domain (Area of Project)**   : **Desktop Application**

Name of Project Guide : Ms. Sridevi Patil

Name of Students   **:** 15202A0034- Abhijeet Sawant

15202A0054-Prathamesh Shelar

15202a0055- Rohit Gupta

15202A0046-Rohit Kamble

Brief idea of Project : A "Look Based Media Player" That pauses video/audio itself when user is not looking at it. This application does not allow user to miss a single part of the media user is watching. The system user camera to sense if user is looking at it, the system pauses the media being palyed as soon as it detects user is not looking at it.

Screenshots of the Project / Photos of Working Model :

Applications:

1. User cannot miss any part of the video.

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

Program : Information Technology

Project Title   **: Smart City**

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

Name of Project Guide : Ms. Yogita Jore

Name of Students   :16202B0007-Anas Mukri

   16202B0013-Om Bagwe

                    16202B0020-Sakshi Nimkar

                    162001A0013-Ameya Gadekar

Brief idea of Project : This app will help in emergency cases or to find some specific places when you are in a hurry. In this app we can explore the particular area by specifying the categories . This application will automatically locate our area and display the required places we want from the list . It will also consist a login page so that a user can login or register to it if not a registered before . This application also leads to quicker decision making with respect to places to visit. The usage of this application greatly reduces the time required to search for a place.

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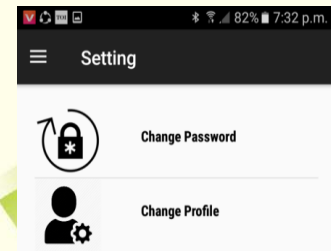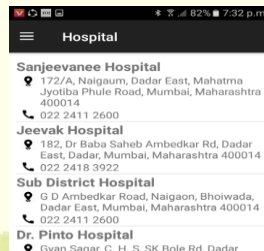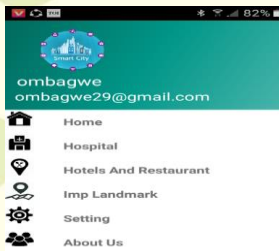
Applications:

1. It is used in day to day use for faster access of locations, without any waste of time within one click.

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

Program : Information Technology

Project Title   **: Attendance Automation**

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

Name of Project Guide:Ms. Madhura Mokal

Name of Students   **:** 16202A0056-Aniket Kamble

15202A0042-Danyl Fernandes

16202A0020-Himanshu Lande

16202A0019-Romesh Meshram

Brief idea of Project: Our project aims to simplify the regular tedious way of student attendance marking by the efficient use of android and other software technologies. Our project aims to mark all the students in a class in a fraction of seconds.

Screenshots of the Project / Photos of Working Model:

Applications:

1. It can be used for faster attendance procedure.

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

Program : Information Technology

Project Title : **Online Toll pay**

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

Name of Project Guide: Ms.Yogita Jore

Name of Students : 16202B0012 -Atharva Patkar

16202B0006 -Apeksha Dhuttargaon

16202B0008 -Rohit Kerkar

16202B0030 -Dipti Gosavi

Brief idea of Project : The project entitled Toll Pay is developed taking into consideration of people living in the city. Online toll payment system is an online mobile application project for users to pay their toll online. This application provides an option for users to see all the coming toll throughout their journey and can pay toll online itself. Users simply have to install the application in their mobile. After that user will have to Register into the application and fill the details. The user will than have to put their current Location and Destination. The map than will represent all the tolls in their journey. The user can pay their tolls online in no time spare. After that the invoice will assure that the payment is successful.

Screenshots of the Project / Photos of Working Model :
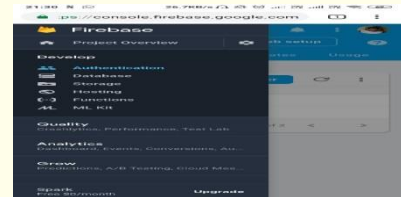
Applications:
1. To pay the number of tolls in your journey in no time spare.
2. Check the number of tolls in your journey by just putting current LOCATION and DESTINATION.

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

Program : Information Technology

Project Title   **: Track Smartly**

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


Name of Project Guide: Ms.Bhagysahri Kulkarni

Name of Students   : 16202B0031-Shweta Pai

16202B0057- Sneha Sahu

16202B0021-Prajakta Londhe

Brief idea of Project: The Project is an idea which specifies a feature that is based on Geo-Fencing. It triggers a message to the specified Contacts i.e. Parents, Friends ,etc. This App has a Second Feature which helps students to reach their destination location.

Screenshots of the Project / Photos of Working Model :
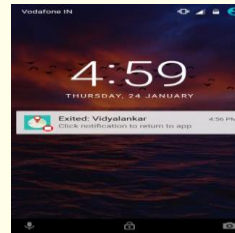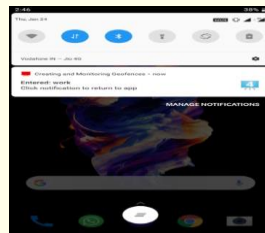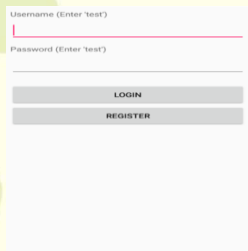
Applications:
1.   It is used to inform the Parents/Favourite Contacts where the user is.
2.   Helps novice Person to locate and find new places.

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

Program : Information Technology

Project Title : **Smart Judge**

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

Name of Project Guide: Ms.Sridevi Patil

Name of Students : 16202B0047-Aune khan

16202B1011-Istiyak Ahamad

16202B0054- Tushar Shetke

Brief idea of Project : The application will help the Judge of the events competition to judge on android app rather than on paper . The app features all the list of events. It will display all the parameters of judging on which the judge will give points to individual contestents. The name and the scores will be uploaded to the database in realtime . Hence saving a lot of work and valuable time.

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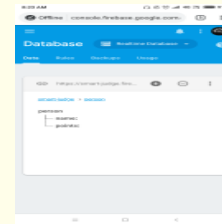
Applications:

1. It is use to judge all the contestants in the event.
2. It provide in app facility to judge.
3. It is used to save data in real time.
4. It contains list of all events**.**

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

Program : Information Technology

Project Title   : **Emergency call Alert**

Domain (Area of Project): Mobile Application

Name of Project Guide: Ms.Chetashri Bhusari

Name of Students   :16202B0016 -Ashish panigrahy

16202B0026 Shridhar Chorge

16202B0023- Sukhbir Singh khalsa

16202B0022 -Abhishek Pramod Singh

Brief idea of Project : To receive urgent calls and texts when your android smartphones is on silent mode. Silencing our phone always gives us mild anxiety, while our Android phone is muted, our family or boss may be trying to reach to us with some urgent news or task. On the one hand, we want to enjoy some peace and quiet, but on the other, we don't want to come back to a phone with 100 missed calls and countless exclamatory texts.

To help alleviate this dilemma, our group will be showing you an Android app that filters out all of the unwanted call and text alerts based on urgency. The app, is called emergency call alert, and it's perfect for people who utilize silent mode often on their phones. The app also has feature to block the calls that come from sim card customer services

Screenshots of the Project / Photos of Working Model :

Applications:
1. It can be used in various Industries.
2. It can also be used in Colleges.
3. It can be used by home Person also.

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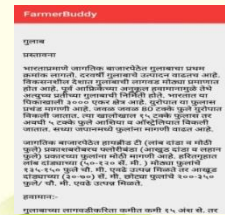
Program : Information Technology

Project Title : **Farmers Buddy**

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

Name of Project Guide : Ms.Shonal Vaz

Name of Students : 16202B0027-Dhanesh Bhadawalakar

16202B0042-Sankesh Taral

16202B0044-Varun Salvi

16202B0048-Princekumar Gupta

Brief idea of Project : This project is useful for farmers and agricultural students. This is an open discussion portal providing solutions to small farmers and agricultural students. It provides information about crops, fertilizers that are requested. Online query handlings for all users. Queries can be posted by students, general public through Add Ouery option. Queries can be directed to a particular officer.

Screenshots of the Project / Photos of Working Model:

Applications:

1**.** It will provide information about crops, fertilizers, etc.

2. User queries and answers are maintained.

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

Program : Information Technology

Project Title   **: BMC Android Application**

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

Name of Project Guide: Ms. Bhagyashri Kulkarni

Name of Students   **:** 11D952-Atmaram Sawant

                              13202B0052-Ankesh Shigwan

                              13202B0033- Siddesh Koli

                              15202B1015-Abhishek Savardekar

Brief idea of Project : Our Mobile BMC Application offer efficient service delivery to the citizens .In our effort to take the service to the next Level and offer anytime,anywhere service , It is our initiative to enable improved service delivery using mobile devices. Our project offers Strong server to receive data, Easy registration & Aadhaar card linking, Improved & user friendly interface(made easy for senior citizen to use) and chat services.

Screenshots of the Project / Photos of Working Model :

Applications:
1. To get latest information & news from BMC.
2. Users can use the application to chat & discuss their problems with other users area wise.
3. Lodge a complaint to fix problems like : complaint to fix roads.

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

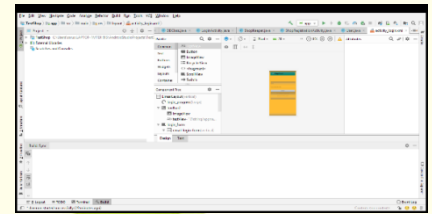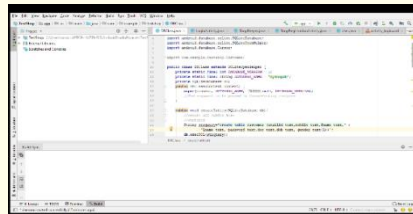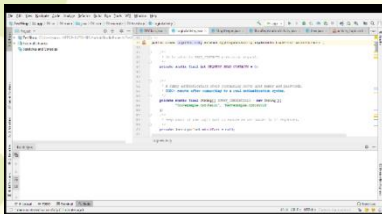# Program : Information Technology

Project Title   :   **E-Windshield Hub**

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

Name of Project Guide: Mr. Sunil Dodake

Name of Students   : 16202A0057-Sarika Sawant

                           16202A0036- Jui Shinde

                           15202A0001- Riya Hinge

Brief idea of Project : Every automobile owner has an obligation to ensure that their car windshields are in good conditions all the time. An application that implements an authentication approach for login registration implementation. Our application will be a full-time service auto-glass and windshield replacement.

Screenshots of the Project / Photos of Working Model :

Applications:

1. Our application is based on a Windshield replacement commerce business that has login for customers ,employees and admin.

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

Program : Information Technology

Project Title : **Feed Me**

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

Name of Project Guide: **Ms.Samidha chavan**

Name of Students :

16202A0024-Dilip S.Chaugule

16202A0013-Atharva A.Gawle

16202A0046-Vijay S.Yamgar

16202A0033-Hrithik S.Thorat

Brief idea of Project: As we see many people in todays world are passionate about cooking for making their passion of cooking to the career option we are introducing feed me by which many people especially women's can start their household cooking business to serve many people with healthy fresh food.

Screenshots of the Project / Photos of Working Model :

Applications:

1. homemade food of different varieties can be easily made available through it

2.Through this application we can provide jobs for various people to sell their home made food products

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

Program : Information Technology

Project Title : **Shop Direct**

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

Name of Project Guide: Ms. Bhagyashri Kulkarni

Name of Students : 16202A0015-Aamir Jawadwala

16202A0031-Hassan Hussain

16202A0006-Mrunali Melekar

16202A0010-Prasanna Dalvi

Brief idea of Project : The Proposed application will display different offers at different shops belonging to same category. It will also recommend the shop from where to purchase. Application will be able to guide the location of the desired shop. The application will be owned by the mall management and will be auto updated.

Screenshots of the Project / Photos of Working Model :

Applications:

1. It can be used in Shopping Mall.

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

Program : Information Technology

Project Title : **Responsive Banking**

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

Name of Project Guide: Ms.Sayali Mane

Name of Students : 17202C1012- Sarang Pandit

16202C0008- Vishal Jaiswal

17202C1013-Mhd Irfan Ali Mohammed

Qurban Shaikh

Brief idea of Project : Our Application is based on Mobile Web Development .Our Application Is an automation of traditional banking methods where a customer needs to manually fill the form such as deposit , Withdrawal slip as well as Loan form And many more . All this form filling and other banking services will be provided online via token generator.

Screenshots of the Project / Photos of Working Model :

Applications:

1. Our application is online based web portal where a customer can fill forms and avails various banking services . And All this services will only be available if the user is inside the banks main branch and connected to main frame hotspot of the bank's branch.

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

Program : Information Technology

Project Title   **: GST Development**

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

Name of Project Guide: Ms.Trupti Dudhat

Name of Students   :   16202C0045-Sadique Rahim

                         16202C0047-Devraj Amin

                         16202C0024-Saad Ansari

                         16202C0031-Subham Dubey

Brief idea of Project: Our project is a GST calculator and it tells the total Amount after adding the GST and the Original prices. Its even tells the various GST of the product.

Screenshots of the Project / Photos of Working Model :

Applications:

1. The project is based on GST calculation.

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

Program : Information Technology

Project Title : **Decentralized App**

Domain (Area of Project) :Mobile Web Development

Name of Project Guide: Ms.Sayali Mane

Name of Students : 16202C0029-Sonal Shinde

16202C0038-Sarthak Pitale

17202C1005-Pawan Dixit

17202C1009-Shahid Khan

Brief idea of Project: Students can submit their assignments to the respective teacher anytime and from anywhere. Teacher can also check the assignment by checking it manually and thereby giving marks.

Screenshots of the Project / Photos of Working Model :

Applications:
1. Used for submitting assignment
2. Used in bitcoins, voting

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

Final Year Project Committee
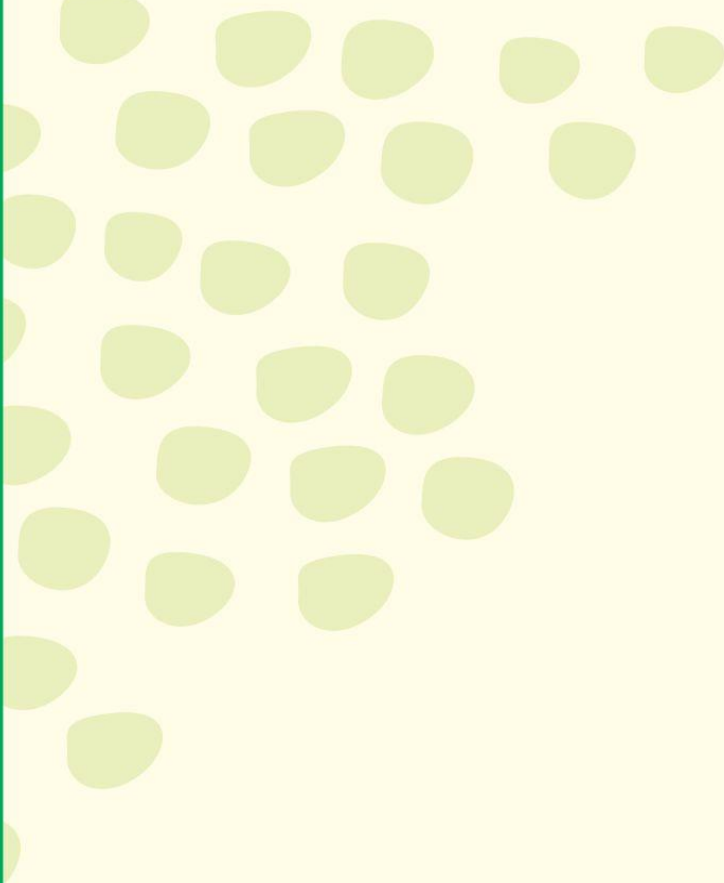## Program : Information Technology

	Ms. Yogita Jore
	Ms. Archana Gopnarayan
	Ms. Bhagyashri Kulkarni