VP | Vidyalankar
Polytechnic

V-ideas

Department of Information Technology

2016-17

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 2017

"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.

Glimpses of V-Technovation 2017

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.

Program Educational Objectives (PEOs)

PEO1: To provide students with a sound foundation in Information Technology theory and practice to analyze, formulate and solve engineering problems.

PEO2: To develop ethics and life skills for the benefit of social welfare.

PEO3: To enable students to gain exposure to actual technological requirements of the industry through educational visits, conferences and seminars.

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Department : Information Technology

Project Title : **Home Automation System.**

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

Name of Project Guide : **Prof. Archana Gopnarayan.**

Name of Students : Muneeb Mastan (muneeb@mastans.com)
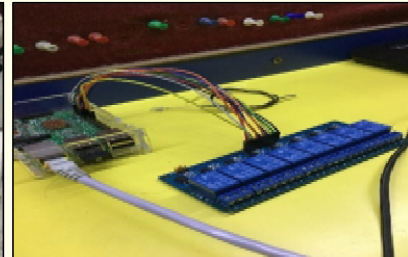
Aneesh Vaidya (aneesh_vaidya@icloud.com)

Aishwarya Nadkarni

(aishwaryanadkarni1@gmail.com)

Prajakta Pitale (prajaktapitale94p@gmail.com)

Brief idea of Project : The Idea of the project is to design and Construct a home automation system which will remotely switch on or off any household appliances like light, fan, air conditioner connected to it, using Raspberry Pi (Project Board). Operations of remotely switching on or off can be performed via any device which is connected to the internet.

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

Applications: Home Level ,Industry Level

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:- 2nd Place in State Level Project Competition held at Bharati Vidyapith Kharghar. First prize in V-Technovation 2017 project competition held at Vidyalankar Polytechnic.
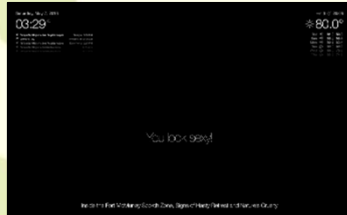
Department : Information Technology

Project Title : **Smart Mirror**

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

Name of Project Guide : **Prof. Samidha Chavan**

Name of Students : Khan Furqan Abdul Gani
(khanfurqan818@gmail.com)

Roshni Nair (roshninair03@gmail.com)

Disha Achrekar (deeshaachrekar@gmail.com)

Griffin Mathias (griffinmathiasgmail.com)

Brief idea of Project : It is basically a Mirror which show Daily need information in one place. It is made for personal use. A person can see his emails, calendar ,weather, date, time and news on the mirror. It saves a time and give the smart experience in the morning.

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

Applications: 1. It saves time by providing all information at one place.
2. It also save energy by switching off itself when no one is there using motion sensor.
3.It can also be Implemented on railway station and malls for advertising.

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

Department : Information Technology

Project Title   **:**   **Facial Recognition Door**

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

Name of Project Guide   **:**   **Prof. Archana Gopnarayan**

Name of Students   **:**   Umar Gigani (umargigani@gmail.com)

                                   Yash Gupte (yashgupte98@gmail.com)

                                   Deepraj Sagar (deeprajsagar17@gmail.com)

                                   Adnan Khan (mohdadnank@gmail.com)

Brief idea of Project   **:**   We Proposed a Robust Security Door System Based on Facial Recognition Door.
Working flow of the system is as follows:
1) The Camera will Capture Images .
2) Then the captured image will be processed with raspberry pi and scan in database.
3) Then if image get verified raspberry pi will send 1 to relay for unlocking the door.
4) Then the relay will pass current to door strike and the door will unlock for 10 seconds only.
5) If user is not verified the raspberry pi will give a voice command "your are and unauthorized user the door will remain lock"

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

Applications   **:** Can Be Used For Main Door Of Your Mansion.
                    Can Be Used For locking Company's CEO Cabin.

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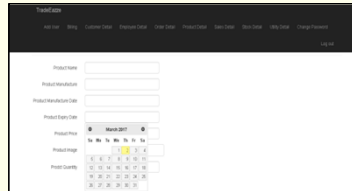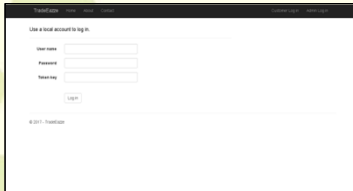
Department : Information Technology

Project Title : **Trade Easy**

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

Name of Project Guide : **Prof. Chetashri Bhusari**

Name of Students : Siddhesh Kharade

Utkarsha Khot

Netra Shigwan

Ashish Golamade

Brief idea of Project : Trade Easy is basically a pharmacy automation s/w which is reliable for distribution of medicine injection & data maintenance. This s/w will give the pharmacy the feature like maintaining all customer profile, e-order, payment details all transaction etc .It is a browser based application.

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

Applications :
- Medical Store
- Whole sale-retailers
- Any manufacturing Company
- Automation company

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

Department : Information Technology

Project Title   :   **Android Based Attendance System**

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

Name of Project Guide : **Prof. Chetashri Bhusari**

Name of Students   : Pankaj Gupta (pankajgupta.pg877@gmail.com)

Rohit Arava (rohitarava9@gmail.com)

Vikram Parmar (vikramp873@gmail.com)

Aamir Hamza Qureshi

(amirhamzaqureshi@gmail.com)

Brief idea of Project : The mobile attendance system has been built to eliminate the time and effort wasted in taking attendances in schools and colleges. It also greatly reduces the amount of paper resources needed in attendance data management. This is an android mobile app. In this system a staff can take their student attendance through app and on website parent can view their child attendance for the respective date and lecture, By this Parents can monitor their child.

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

Applications   :
*   The system eliminates the use of paperwork needed for attendance marking and monitoring.
*   This gives the overall performance of class in attendance.
*   It is use to take attendance of student through mobile application.
*   Parents can use this website to check their ward's attendance.

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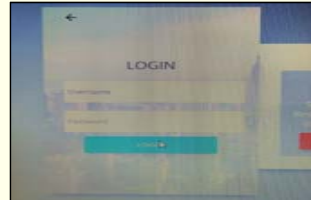
Department : Information Technology

Project Title   :   **Government Documents(Confidential data wallet)**

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

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

Name of Students   : Sailee Dhuri (dshreya.sd@gmail.com)

                                     Ninad Bagwe (nndbagwe@gmail.com)

                                     Omkar Mane (maneomkar89@gmail.com)

Brief idea of Project : The aim of the project is to develop a document storing system that is able to deliver access to authorized personnel anytime, anyplace. The system developed makes use of desktop application with rich internet application. The system shares the advantage of both web application and desktop application and removes the most disadvantages of both.

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

Applications   :

- **Absence of support :** No support for a document type simply means no access to the content of the document.
- **Complexity of various software packages :** Different type use different software package which work in the way differ dramatically, which significantly reduce the usability. Therefore we use only one format of storing data in image format.
- **Security :** Secure transaction of authorised user.

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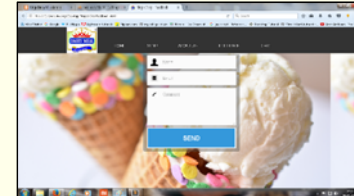
Department : Information Technology

Project Title   :   **E-Commerce Website for Kings Dairy Milk**

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

Name of Project Guide   :   **Prof. Samidha Chavan**

Name of Students   :   Akshay.B.Badhe (14202A0026)

                                   Saiprasad.A.Gavhane (14202A0031)

                                   Sanket.R.Jadhav (14202A0032)

                                   Harsha.H.Dhanya (14202A0043)

Brief idea of Project   :   The purpose of the system is to develop E-commerce website , will be used to sell ice-cream products online and to reach out to many customers for business expansion . Hence, until now all the transactions are done manually, involving lot of paper work and excel sheets. They maintain their records by making an entry in the excel sheets, product sold details & bill details recorded in a particular excel sheet file.

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

Applications   :
- Shopping Cart
- Digital Wallet
- Online Shopping

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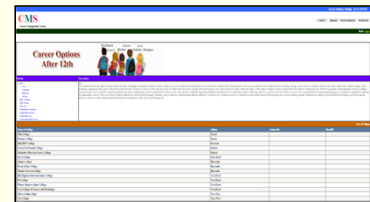
Department : Information Technology

Project Title : **Career Guidance**

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

Name of Project Guide : Prof. Sushama Pawar

Name of Students : Harshada Dhuri.(harshadadhuri17@gmail.com)

Riddhita Misal.(riddhitasmisal@gmail.com)

Akshay Kate.(akshaykate97@gmail.com)

Siddhi Parab.(parabsiddhi88@gmail.com)

Brief idea of Project : Career Guidance is a web application which will help the user to understand various career aspects. In this we provide, brief information related to different courses with the job opportunities, list of colleges and various entrance exams that are necessary.

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

Applications :
- Understand career planning.
- Determine their personality and career interest.
- Have important information about working.

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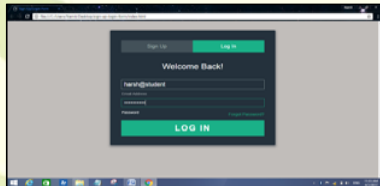
Department : Information Technology

Project Title   :   **E-lab Assessment**

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

Name of Project Guide   : Prof. Sushama Pawar

Name of Students   : Namit Kore (15202C1007)

                             Sanket Kodere (14202C0008)

                             Harsh Wishwakarma (14202C0011)

                             Samruddha Mazgaonkar (14202C0018)

Brief idea of Project   : E-Manual gives every student their login and it could be accessed from every computer or any other device via internet. It contains the entire manual for every required subject in sequential order and could be accessed efficiently. It also becomes convenient for teachers to keep a track on the manuals as they also would be given the control access on the manuals.

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

Applications   :
We have developed a system for a our college environment this kind of manual or workbook can be developed for the fields where of storage of data is done:-
Schools ,Colleges.

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

Department : Information Technology

Project Title   :   **Cloud To Cloud Sharing**

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

Name of Project Guide   : **Prof. Siddhesh Vaidya**

Name of Students   : Tanmay Balekar (balekartanmay@gmail.com)
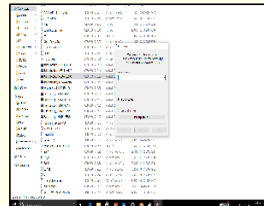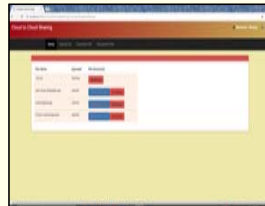
                                 Jainam Gala (jygala1999@gmail.com)

                                 Surojit Deb (surojitfeb@gmail.com)

                                 Wasil Chopra (wasilchopra@gmail.com)

Brief idea of Project   :   The main concept of our software product is Cloud Computing. The Cloud Data transfer concept is being used by us.It contains Cloud to Cloud Sharing between the users with high Security Encryption and Decryption features with Email OTP.No Limit is given to the User to upload the file and the user can upload   any type of file..The Software will run on any browser.

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

Applications   :
- Secured Data Sharing between the Users.
- It may be used for Education purposes.
- It can be used in Corporate world for transferring files between them.

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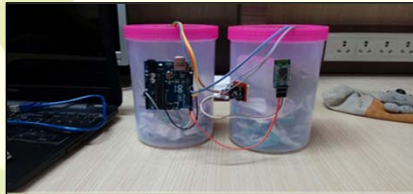
Department : Information Technology

Project Title : **Advanced Garbage Monitoring System**

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

Name of Project Guide : Prof. Shonal Vaz

Name of Students : Shubhansh Srivastava

M.Mohtashim Khan

Omkar Badgeri

Omkar Rane

Brief idea of Project : We Students Have Created Advance Garbage Monitoring System which will be able to monitor Dustbin whether it is full or empty and if the bin is full it should get change or empty the bin before particular area starts getting litter and make place dirty by waste.

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

Applications :
- Can be able to monitor bin with the help of Bluetooth Terminal Application.
- Can help in "SWACH BHARAT ABHIYAAN / CLEAN INDIA" movement.

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

Department : Information Technology

Project Title   :   **Network Monitoring System**

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

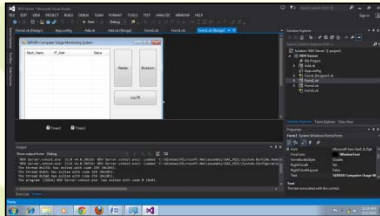**Name of Project Guide**   : **Prof. Madhura Mokal**

Name of Students   : Sayli Kale (sygirl222@gmail.com)

                           Harshali Mane (harshalimane167@gmail.com)

                           Saahil Sayed (saahilsayed@gmail.com)

                           Rujali Purohit (purohitrujali@gmail.com)

Brief idea of Project   : It is basically a Network Monitoring System which shows Daily needs of information in one place. It is made for our safety and technical use. A server can keep track of 20 or more PC's at once. It is more helpful in controlling time management skills which is very important in day to day world.

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

Applications   :
- It has stand alone property.
- Can restrict or block unauthorized websites and any kind of intrusion.
- It can also be used in schools, colleges, offices, etc.
- It is a user friendly application.

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

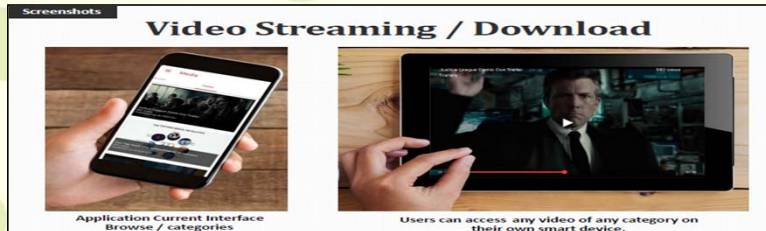23

Department : Information Technology

Project Title : **TROPLAY**

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

Name of Project Guide : Prof. Bhagyashri Kulkarni

Name of Students : Jayan Raut

Sagar Jadhav

Akash Padalikar

Aamir Mulani

Brief idea of Project : The project is to make digital entertainment in contexts, at places and in form not previously possible-combined with industry specific internet solutions ,and data collection for optimizing business.

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

Applications :
- Labs: Institute can set p a computer/tablet/lab/Mobile Phone powered by troplay
- Students: Go to the lab to practice and access any course and many more
- Conduct Tests: Conduct exams ,tests with easy validation

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:- Participated in State level project competition Held at Bharati Vidyapith Kharghar.
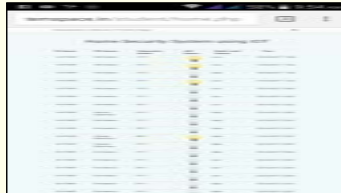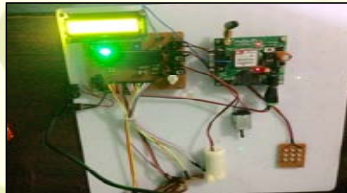
Department : Information Technology

Project Title   :   **Smart Security Using Micro-controller**

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

Name of Project Guide   : Prof. Sushma Pawar

Name of Students   : Swanit Rane (swanitrane10@gmail.com)

Viraj Parab (vparab29@gmail.com)

Sahil Shaikh (sahilkatarnaware1998@gmail.com)

Nitesh Sinol (sinolnitesh@gmail.com)

Brief idea of Project : The main objective of our project is to provide security using various sensors and micro-controller. Different types of sensors are used to detect motion and other actives.

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

Applications   :
- It saves time by providing all information at one place.
- It also save energy by switching off itself when no one is there using sensor.

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

Department : Information Technology

Project Title : **Motion Based Security Alarming System for Video Surveillance**

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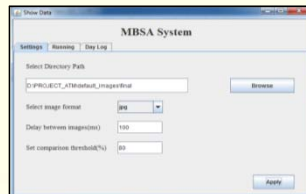

Name of Project Guide : Prof.Yogita Jore

Name of Students : Abhiraj Bhoir (bhoir.abhiraj12@gmail.com)

Ameya Date(ameydate0812@gmail.com)

Prathamesh Patil

(prathamesh1996patil.pp@gmail.com)

SairajThalkar (saithalkar24@gmail.com)

Brief idea of Project : We Proposed a Robust Security Alarming System Based on Detection of Moving Objects in Video Streams And An Efficient Security System. Working flow of the system is as follows:
1) The Camera will Capture Images.
2) Then the captured image is converted to Gray Image .
3) Then the Edges will be Detected of the particular Gray Image .
4) Then the Edges will be compared with the Edges of Suspicious images Stored in database .
5) If the Edges of captured image matches the edges of Suspicious image Alarm will fire thus reporting the person responsible.

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

Applications   :
• ATM , House for Security Purpose , Commercial Shops ,etc

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:- Second prize in V-Technovation 2017 held at Vidyalankar Polytechnic.

Department : Information Technology

Project Title : **Student Staff Feedback System**

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

Name of Project Guide : Prof.Yogita Jore

Name of Students : Amit Pandey (kplayboyamit@gmail.com)

Mahesh Ambrale (ambralemahesh3@gmail.com)

Mayuresh Banne (mayureshbanne4@gmail.com)

Ameya Manjrekar (cenation05@gmail.com)

Brief idea of Project : It's a project build for handling feedback given by students regarding college facilities and teachers. Previously feedback was based on paper and pencil mode so we have tried to increase the efficiency and ease and bring it in online mode.

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

Applications :
- Reduce lecturer time.
- Manage the entire process.
- Enhance the staff.

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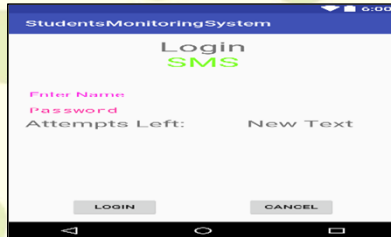
Department : Information Technology

Project Title : **Student Management Portal**

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

Mobile App for V-Result

Name of Project Guide : Prof. Bhagyashri Kulkarni

Name of Students : Aaranta Vijay Waykar (aarantawaykar@gmail.com)

Apurva.A.Pol (appy22pol@gmail.com)

Shital.K.Shetty (shitalshetty45@gmail.com)

Suyash.S.Dhuri (dhurisuyash2@gmail.com)

Brief idea of Project : This is a simply android mobile application. Its built to used for faculty. This portal is used to keep records of students about their Attendance, Test Exam, KT.it reduces time as well as the efforts of putting marks by format wise. It also reduce the paper work.

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

Applications :
- The system eliminates the use of paperwork needed for attendance marking and monitoring.
- This portal is easy to use.
- Because of simple back end, training and support is not needed.

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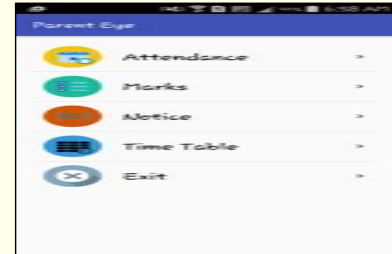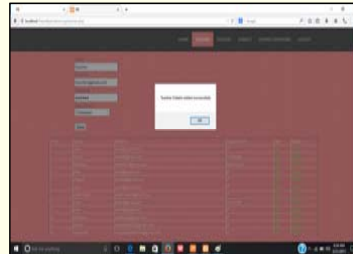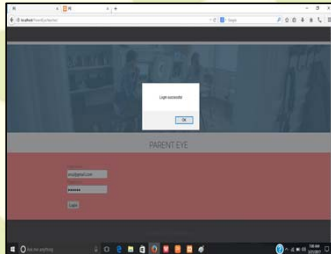
Department : Information Technology

Project Title : **Parent Eye**

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

Name of Project Guide : Prof. Shonal Vaz

Name of Students : Prasad Kadu (kaduprasad678@gmail.com)

Jayesh Pitale (pitalejayesh24@gmail.com)

Anuj Yadav (anujyadav24213@gmail.com)

Rohan Desai (desairohan1111@gmail.com)

Brief idea of Project : It is the project that help the parent to track their child's activity and growth. This application help the teacher to inform the activities in college and the student activity.

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

Applications :
• This project is based on education activity so it has an application in colleges and classes.

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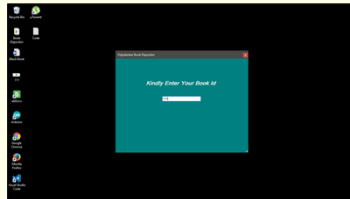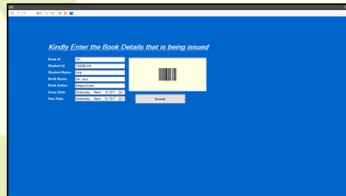
Department : Information Technology

Project Title	:	**Vidyalankar Book Depositor**
Domain (Area of Project)	:	**Hardware and Database**

Name of Project Guide : Prof. Sunil Dodke

Name of Students : Adnan Shaikh (shaikhadnan626@gmail.com)

Suraj Dalvi (surajdalvi27088@gmail.com)

Siddique (Shaikh mohdsiddique2014@live.com)

Pranav Vispute (pranawispute@gmail.com)

YashChinchankar

(chinchankaryash18@gmail.com)

Brief idea of Project : The basic concept of this depositor is when student wants to submit the library book, he/she can just need to go to depositor in their respective buildings and just have to keep the book in the depositor, the depositor will itself scan the barcode on the book that shows whether the book is in given validity. If the student drop the book in given validity in depositor, it will accept the book and if the book is not in validity then it will reject the book and student have to go to library and pay respective charges for late submission of book.

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

Applications :
- Can be used in various Libraries.
- Also instead of just depositing a book, it can also be used to deposit magazines, CD, or other referential objects used in library.

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

Department : Information Technology

Project Title : **Water Automation System**

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

Name of Project Guide : **Prof. Chetashri Bhusari**

Name of Students : Nikhil Karade

Nilesh Mandavkar

Brief idea of Project : water automation system is basically based on real time application which we can use in home or industry we can fill the tank with water whenever the tank is empty and we can also find out the level of the water when it is filling.

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

Applications :
- It saves time by providing all information as water level increases
- It saves water
- It can also be Implemented in home or industries

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

Department : Information Technology

Project Title   :   **Auto Guided Vehicle**

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

Name of Project Guide   : Prof. Prasad Koyande

Name of Students   : Ashitosh Tiwari

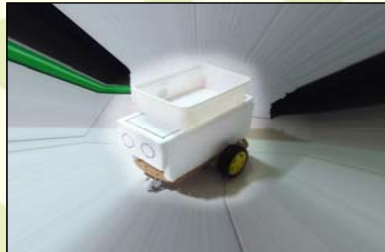   Sunny Rajbhar

                   Dawood Shaikh

                   Swapnil Utekar

Brief idea of Project   :   Now days purchasing and shopping at big mall becoming a daily activity in metro cities. We can see huge rush at malls on holidays and weekends. Our aim is to develop a system that can be used in shopping malls.

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

Applications   :
- It can be used in Big Malls
- It can be used in Hospitals & Airports

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:- Runner-up in V-technovation 2017 organized at Vidyalankar polytechnic
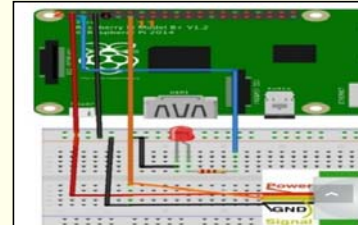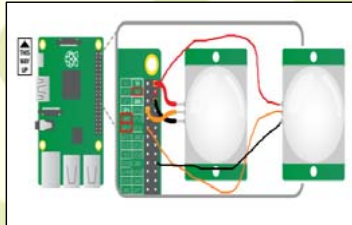
Department : Information Technology

Project Title   :   **Classroom Automation**

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

Name of Project Guide   : Prof.Sudhir Lawand

Name of Students   : Omkar Vankar

                       Vidita Gorule

                       Roshan Chavan

Brief idea of Project   : Save Electricity Save Future. Whenever anybody not in the classroom and lights left ON. Electricity are waste and we all are not observed that, That's why this system are automatically switch Off Light when anybody are not present in classroom.

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

Applications :
- The main application of the Classroom Automation System is it not required manual control for lights and equipment's.
- In the classroom automation system light will not be on after the classroom will empty or no one in the classroom.

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

Department : Information Technology

Project Title : **Virtual Mouse Using Sixth Sense Technology**

Domain (Area of Project) : **Image Processing**

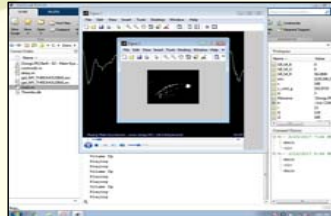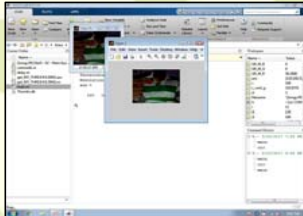**Name of Project Guide** : Prof. Ketan Bagade

Name of Students : Pratik Desai

Farhan Siddiqui

Anas Mulla

Brief idea of Project : The idea behind developing this project was to reduce a users interaction with physical system and make it more affordable to virtually control the system in our daily life style

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

Applications :
• High-tech and industrial Sectors
• Used with Smart phones, PDAs, email, word processing and spreadsheet tasks.

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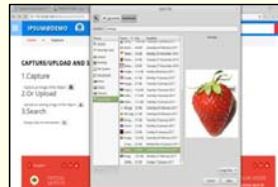
Department : Information Technology

Project Title : **Ipsum Videre (Smart Sight)**

Domain (Area of Project) : **Image Processing**

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

Name of Students : Pritesh Satpute

Jash Jain

Hasan Riza

Brief idea of Project : The idea behind this project was to develop a system which could identify the objects in the image and provide relevant information about the object from internet.

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

Applications :
- It can be used as a module in Robotics for vision support.
- It can be used as a security system, for the purpose of authenticating users using face detection, by several organizations.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:-
- Winner in V-Technovation 2017 organised at Vidyalankar polytechnic.
- Participation in IEEE Project competition

Department : Information Technology

Project Title   :   **Society Management**

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

Name of Project Guide   : **Prof. Sunil Doodke**

Name of Students   : Hamid pasha

                           Arshad Sayyed

                           Rahul labde

Brief idea of Project   : The main aim of the project is to reduce paper work and save environment. It also reduce the man work and bring all the society member in to one application which make easy for ever society member to get updates with society happening.

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

Applications   :
• This application is only use for society management

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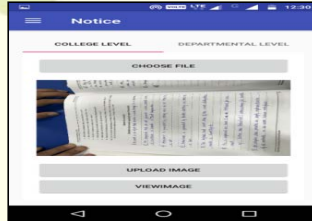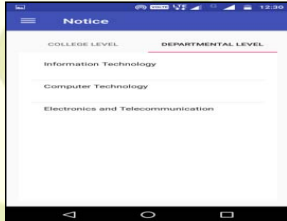
Department : Information Technology

Project Title : **Android Application For Vidyalankar Polytechnic**

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

Name of Project Guide : **Prof. Archana Gopnarayan**

Name of Students : Saurabh Mestry (Saurabh.tejal@gmail.com)

Kabir Kapoor (kabirpkapoor@gmail.com)

Nikhil Jain (niksj2310@gmail.com)

Akash Yadav (Aakash.yadav@gmail.com)

Brief idea of Project : We have created an android application for VP which is accessible by teachers as well as students in order to view timetables, college maps and send and receive notices.

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

Applications :
- Application can be used by students to view notices, timetables and Map.
- Teachers can upload notices for students to view via the application.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:- Second prize V-Technovation 2017 held at Vidyalankar Polytechnic.

Department : Information Technology

Project Title : **App on Augmented Reality**

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

Name of Project Guide : Prof. Sunil Dodake

Name of Students : Chinmay Kambli (chinmaykambli96@gmail.com)

Shubham Malgundkar

(shubhammalgundkar2507@gmail.com)

Zaka Farooqui (pandeykhan333@gmail.com)

Ravi Saroj (ravilovescs@gmail.com)

Brief idea of Project : A virtual scene is generated by a computer that modifies the scene with additional information in 3D view of real world, which is more understandable for the common people.AR research is concerned with the use of imagery which is digitally processed and "augmented" by the addition of computer-generated graphics.

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

Applications :
- This App could help Builders to show their infrastructure to the consumers in a more understanding and convenient way.
- Education: Used in labs where students can learn more about the experiments they are participating in.

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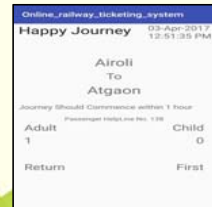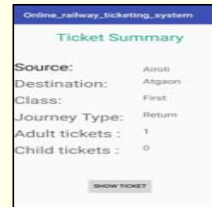
Department : Information Technology

Project Title : **Local Train Ticketing System**

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

Name of Project Guide : Prof. Rupali Desai

Name of Students : Sachin Gupta

Adarsh Gupta

Zafar Iqbal

Tanvir Kheratkar

Brief idea of Project : The project aim is to provide an effective solution on our local train. Basically this application will provide a Digital Local Train Ticket on your Android Phone.

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

Applications :
It will provide a Digital Local Train Ticket.
This application also provide distance between one station to another station.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify:-
Runner-Up in V-Technovattion 2017 at Vidyalankar polytechnic

Project Committee
Department of Information Technology

Ms. Archana Gopnarayan

Ms. Rupali Desai