

V-ideas 2017-18

Department of Information Technology



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Principal's Desk



Dr. Rohini Kelkar Publication of V-Ideas is a novel activity of VSIT. It gives a summary of great efforts done by final year students, their project guides and the mentors of the guiding teachers. V-Ideas is a document that depicts the variety of areas the students have been working on for the partial fulfilment of their final year evaluation. Working on a final year project gives students an opportunity to apply their theoretical knowledge to problem solving. It also helps the students to improve their performance at placement related activities. I am extremely happy to present this booklet for the academic year 2017-18. I also take this opportunity to acknowledge the efforts done by teachers, students and the mentors towards completion of students' projects well within time.

Makarand Deshpande's Desk



It gives me immense pleasure to talk about some key point about this Third edition of V-ideas, a publication of student projects. We have revamped the complete approach towards student projects this year. As a philosophy, we tried to divide the projects in different areas based on parameters like application usage, technology. Project counts for these areas were decided at the start of the academic year, so as to ensure the diversity in the projects. We also encouraged students to use the current technologies and industry standard frameworks such as MVC in implementation of the projects. The idea is that this project experience should widen their exposure, pick up different real life problems and to apply their knowledge to conceive and build solutions. In a nutshell, make them "industry ready" when they walk out of our institute with their degree.

As a mentor for projects in IT, I am happy to say that we have succeeded in achieving these objectives during the year. This edition of V-ideas reflects this thought process.

I would like to express my gratitude towards the Projects Committee as well as the faculty members who worked enthusiastically throughout the year to convert these ideas into reality. Last but not the least, the students have worked hard to build these projects, seeking feedback from time to time to make them even better. I am happy to say that the projects done by final year students are becoming much more than just an activity prescribed in the syllabus. In coming years, we are confident that this will explode into new ideas and initiatives, which will also seed new ventures.

Web Application

A web project is the process of developing and creating a web site, activities in a network which are aimed at a pre-defined goal. The network can be both accessible for everyone, as in the internet, or only for certain people, as an intranet. The goal of web projects is the transfer of static and dynamic content - both directly to end users, as well as indirectly through means of various kinds of interfaces. Web projects are based on TCP/IP (Transfer Control Protocol/Internet Protocol) technology and concern the transfer of static and dynamic content. A web project involves many aspects, including programming and the accompanying software development, web business, web server and network administration, hosting, graphics/design, the development and administration of databases, construction of interfaces, project management and quality assurance, search engine optimization, the maintenance of data in content management/editing systems and much more.

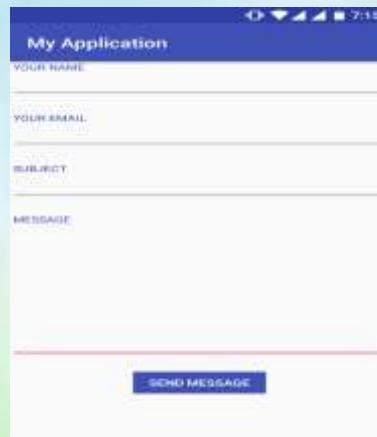
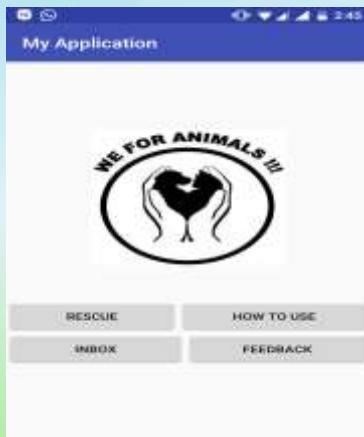
Programming for a web project may be accomplished using one or more markup languages (such as HTML, XML), scripting languages (PHP, Perl, JavaScript for example) or even more complex programming languages (such as Java, C/C++/C#).

We for Animals (Web Application)

Brief idea of Project :

Our project consists a mobile application and a website. Application is used by user whereas the website will be with rescuers. Its an animal rescue application. In this, image of an injured animal is clicked and it is forwarded along with the location to the website. The rescuers will then rescue the animal from the sent location.

Screenshots of the Project / Photos of Working Model :



Ashwini Avhad (ashuavhad1@gmail.com)
Mayuri Gadhav (gmayuri97@gmail.com)

Project Guide : Prof. Aasha Vanve

Applications :

1. A platform to help injured animals, easily and quickly.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Research paper published in V-Search 2018.

Interior Design (Web Application)

Brief idea of Project :

There are many interior design websites, but Unfortunately, not many designers seem to recognize the importance of an intriguing web presence. Most of the websites of interior designers seem outdated and don't show much of a design spirit. Other issue with the existing websites are that they focus on selling the products online without providing any guidance to the customers, no matter how nice the product looks or feels, there always occurs a problem where in the product do not match the ambience of the space. This project will help the user to contact the distributor/manufacturer & help them decide by actually visiting the space.

Screenshots of the Project / Photos of Working Model :



Jihan Joshi(jihanpjoshi@gmail.com)
Mehul Shah (mehulsroxx@gmail.com)

Project Guide : Prof. Aasha Vanve

Applications :

1. A platform to establish business with the end user as well as architects
2. People can contact website owner and the architect for interior.
3. Inspires end user to connect with the space efficiently, thereby providing business to the owner

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

Student Smart Card (Web Application)

Brief idea of Project :

This project is developed to ease the work of students of schools. The project involves a card which contains a barcode which is nothing but a unique card that is assigned to the student. This card can be refilled as and when required by the student with the help of admin. Student can use this card in library to pay fine and the amount of fine will be calculated depending on the information stored which is retrieved with the help of an ID stored in the Card. Also the Card Can be used to take Attendance Of Student.

Screenshots of the Project / Photos of Working Model :



Roshan Gupta (rg057892@gmail.com)

Suresh Kumawat
(sureshkumawatp@gmail.com)

Project Guide : Ms. Akshatha Jain

Applications :

1. Student can use this card in library to pay fine ,in Canteen to pay bill.
2. This System Can be Used by any School.

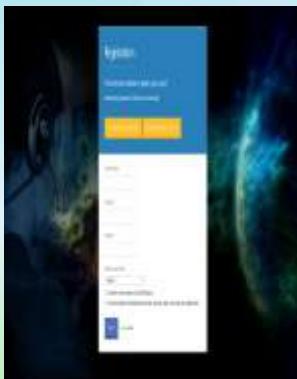
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

E commerce Booking System (Web Application)

Brief idea of Project :

This project concentrates on different areas such as Selling Computers Specially Made for Gaming (Which can also be customized),Online Booking System for Gaming Machines and Pool and snooker table. This Website will also update about the upcoming tournaments to the gamers all across India Registration for Tournaments

Screenshots of the Project / Photos of Working Model :



Harshad Jaiswal(harshadj0@gmail.com)
Sai Jagdale (saij@gmail.com)

Project Guide : Ms. Akshatha Jain

Applications :

1. People can use this app to update the information about various gaming tournaments.
2. It provides a flexible online reservation system / booking software for any business which needs scheduling and managing their bookings.

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

E commerce Booking System (Web Application)

Brief idea of Project :

A world that loves to participate in real-time activities would certainly appreciate the idea of an online auction system that opens 24/7.

Unlike the traditional auctioning method, this modern system brings together buyers and sellers from across the globe to a single location.

Basic processes involved in the auction system are Registration for both seller and buyer, Identifying the auction type, auction rules, names, product information, prices etc. Scheduling times for auction sessions including starting and closing time, Bidding that includes collecting bids and validating the collected bids. It covers large No of Seller and Bidders.

Screenshots of the Project / Photos of Working Model :



Sushantkarande(Sushantk140@gmail.com)
Prasad kamble (prasadm62@gmail.com)

Project Guide : Ms. Ashwini Koyande

Applications :

The new site is Online Auctioning system is used in 'Anyone, Anytime, Anywhere'.

1. The "Online Auctioning System" is an online auction house so the Seller or Bidder doesn't need to go anywhere, they can take part in the auction just sitting in the comfort of their living room, be it during the day or night.
2. This site also acts as an open forum where buyers and sellers can come together and exchange their items.

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

Guitar Tutor (Web Application)

Brief idea of Project :

The project is a website designed to help budding guitarists to get complete knowledge from beginner to advance level about playing guitar. The website contains free content and lessons as well as personalized services to learn guitar from experts.

Screenshots of the Project / Photos of Working Model :



suyog shanbhag (suyog1997@ymail.com)
Keshavparthasarthy
(pkeshav1997@outlook.com)

Project Guide : Ms. Ashwini Koyande

Applications :

1. A platform to access free content and lessons to learn guitar.
2. It contains customised courses to learn guitar which are conducted via skype.

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

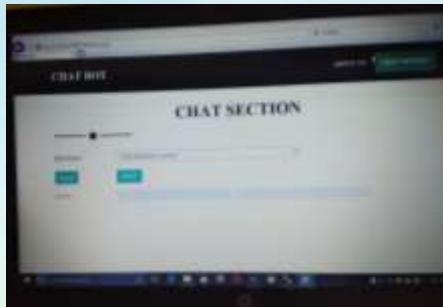
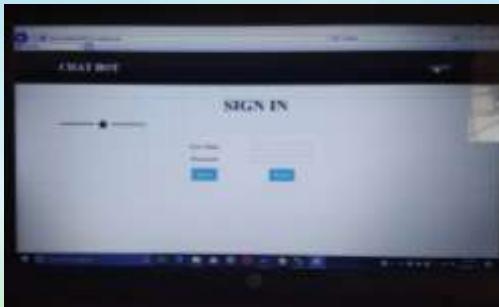
College Enquiry Chat Bot (Web Application)

Brief idea of Project :

The user can query any college related activities through the system. The user does not have to personally go to the college for enquiry.

Our college enquiry chat bot system analyses the questions and then answers to the user. The user has to register to the system and has to login to the system. After login user can access to the various helping pages.

Screenshots of the Project / Photos of Working Model :



Suraj Thombre
(surajthombre1997.st@gmail.com)
Harshala Ravnak (hravnak17@gmail.com)

Project Guide : Ms. Ashwini Koyande

Applications :

1. A platform to connect students to query any college related activities.

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

Algorithm Learning (Web Application)

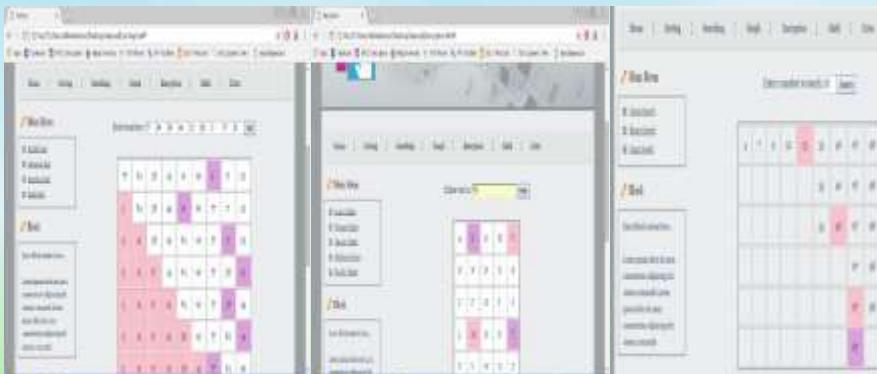
Brief idea of Project :

The project aims to provide a Graphical User Interface for understanding Data Structures and algorithms.

The software allows for demonstration of Sorting & Searching algorithms, Network-Security algorithms and Graph algorithms. A stimulation can be easier to understand and remember than a textual representation.

We have developed a JavaScript based, easy-to-use, and architecture independent method for presenting stimulation of algorithms run over the Web.

Screenshots of the Project / Photos of Working Model :



Akshay karande
(karande.akshay777@gmail.com)
Vijay Jaiswar (vjaiswar57@gmail.com)

Project Guide: Ms. Beena Kapadia

Applications :

1. Helpful to students and teachers in two ways, first as an alternative view in understanding or teaching data structures and algorithms.
2. Second as an aid in debugging a program that uses the data structure.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project Presented in Tantra Vihar 2018

Gas Agency System (Web Application)

Brief idea of Project :

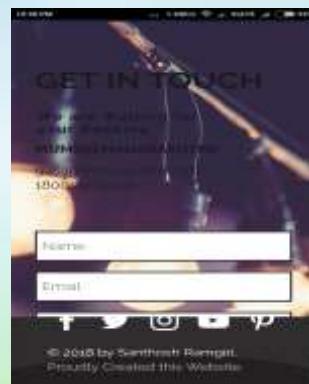
Using this website we can Book our Gas cylinder at home It includes three Gas companies:

Bharat Gas,HP Gas, Indnac Gas

This website works in Three way..

- 1.when we book the Gas we will Get the message
- 2.when the is out of the godown we get the message
- 3.we can trace that when it will be delivered to us.

Screenshots of the Project / Photos of Working Model :



Santosh Ramgiri
(santhoshramgiri123@gmail.com)

Project Guide: Ms. Beena Kapadia

Applications :

- 1.This website is useful for gas cylinder booking process
2. We can trace also trace that where it is and by what time we will receive it.

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

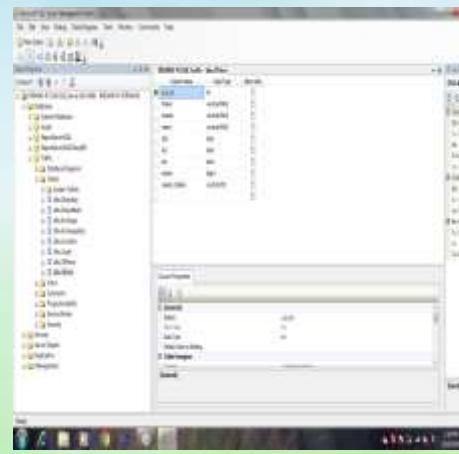
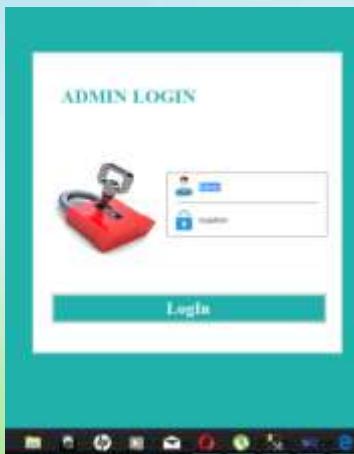
Traffic Police Analysis Management (Web Application)

Brief idea of Project :

The Proposed system is the dummy Computerize system which is the up gradation of all the functionality of the existing system. The proposed system will keep track of all the policemen and vehicles with more accuracy and validation. It will also maintain the details of in-charge such as in-charge belt number, name, surname, birthdate, hire date, division under that in-charge and will be maintained and store in database of the software accurately.

The proposed system will also maintain the details such as receipt number, charges, offence, and area.

Screenshots of the Project / Photos of Working Model :



MithilAnande (mithil2181@gmail.com)
Atish Gamre (aatish25.gamre@gmail.com)

Project Guide: Ms. Beena Kapadia

Applications :

1. Helpful to Traffic Policemen to maintain a proper record.
 2. No chances of Loosing data as all data is saved in computer instead of books

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

Online Scorecard (Web Application)

Brief idea of Project :

This project aims at providing teachers to Add marks in the students column, so that there won't be any use of papers and students can be able to view their respective subject marks by logging in. With the help of this, the data will be stored in the database and there will be less chances of data loss. In these, the teachers can add Internal Marks such as Assignment Marks, Midterm Marks and Viva Marks. As the teacher enters the marks and updates the column, a status section will be updated where the teacher will come to know that the student is pass or fail automatically.

Screenshots of the Project / Photos of Working Model :



Sahil Shinde
(sahilshinde214@yahoo.incom)

Akhdas Moin Shaikh(b2ang07@gmail.com)

Project Guide : Ms.Geeta Sahu

Applications :

1. login for teachers and Students.
2. Teacher can add marks in the student column.
3. Students can view their respective subject marks.
4. Status section of pass or fail for students

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

Printing Press (Web Application)

Brief idea of Project :

The system is developed as to meet the requirements of the Printing Press management and thus increasing the efficiency of the working within the organization. The system provides an entire coverage of all the daily transactions within the Press and providing necessary updates in the record as per the transactions. It also helps in providing a better analysis of the daily transactions thus helping the printing press in making proper decisions.

Screenshots of the Project / Photos of Working Model :



Bhagyashree Mukund
(bhagyashreemukund@gmail.com)

Swati Bhadarge
(swatibhadarge36@gmail.com)

Project Guide : Ms.Geeta Sahu

Applications :

1. Reduce the daily workload of the printing press.
2. Reduce the amount of complexity involved within the order and transaction management.
3. Designing proper security within the system by providing restricted access.

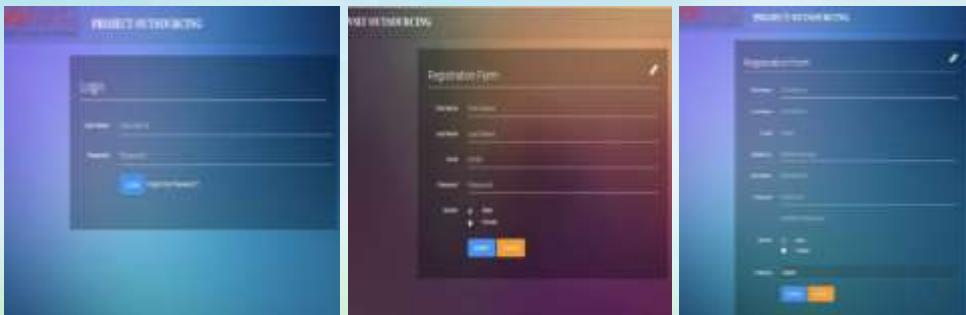
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Project Outsourcing (Web Application)

Brief idea of Project :

This project is basically for the project outsourcing purpose. There would be 5 modules into it. In the first module ,login is created for the user and the admin. Admin will have control on all the project which will be outsourced. User can register themselves and get the project approved from the admin. Then only admin can allow the project to be highlighted on to the website for online outsourcing purpose. Once the user is registered they will have all records for it.

Screenshots of the Project / Photos of Working Model :



Aman More (amanmore2812@gmail.com)
Kunal Pawar(kunalpawar1000@gmail.com)

Project Guide : Ms. Geeta Sahu

Applications :

1. login for User and Admin.
2. Registered users can outsource their projects through online.
3. Admin can keep a record of all the project outsourced.

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

Fish ERP (Web Application)

Brief idea of Project :

Fish ERP is a centralised website for Fish Traders which connects to all the branches together to have smooth transaction with supplier and their clients. Fish ERP tracks all fish prices, expenses of buying and selling. Fish ERP has a module which shows daily buying & selling of fishes. It also has a reporting module to show the expenses reports. It has three major modules namely data insertion, calculation and reporting.

Screenshots of the Project / Photos of Working Model :



Cyrus Devassy (cyrusd246@gmail.com)

Varun Chauhan

(chauhan.varun1997@gmail.com)

Project Guide : Ms. Janhavi Vadke

Applications :

1. A platform to collect, store and manage data from different branches of a business organization.

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

Online student feedback system (Web Application)

Brief idea of Project :

- 1) From this student give online feedback of teachers and infrastructure.
- 2) Teachers can get feedback score given by students.
- 3) Admin can show feedback to infrastructure department for improvement. Admin have access to change the teacher of particular subject whenever necessary.
- 4) This web site has student, teacher and admin as three databases.

Screenshots of the Project / Photos of Working Model :

The screenshots illustrate the user interface of the Online Student Feedback System. The first screenshot shows the main dashboard with the VSIT logo and links for Student, Teacher, and Admin. The second screenshot shows a feedback form for a teacher named 'Mr. Dinesh' with fields for name, subject, and feedback. The third screenshot shows a table of feedback scores for various subjects, with columns for Subject, Teacher, and Score.



Vijayprakash Gupta
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Himanshu Karawde
(himanshukarawde21@gmail.com)

Project Guide : Ms. Janhavi Vadke

Applications :

1. Students give online feedback of teachers and infrastructure.
2. Can be used by different colleges for improvement in quality of teaching and facility.

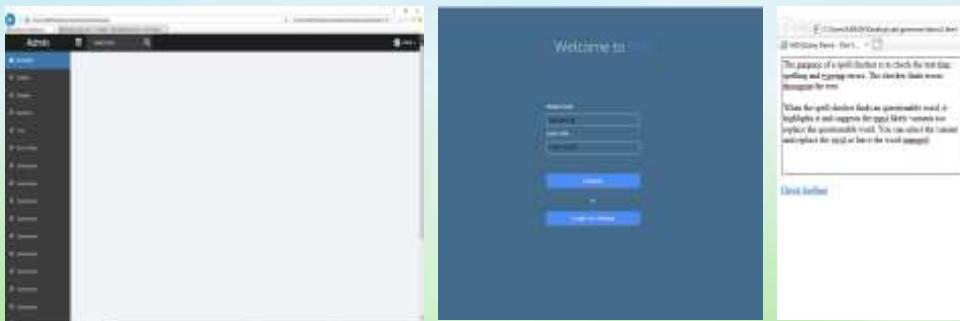
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Subjective Answer Evaluation (Web Application)

Brief idea of Project :

The main aim of our project is to automate the process of evaluating subjective answers for online examination. Traditional systems cater only multiple choice questions and there is no provision to extend these systems to subjective questions. The proposed system is a system that seeks to implement an application which will be able to evaluate the subjective answer to a question. It will allot the marks according to the percentage of accuracy present in the answer. This system is a software system in which user will be authenticated by using user login. After the authentication, users will be provided with the questions. Our proposed system is designed to evaluate answers for five users providing five different answers. The standard answer is stored in the database with the description meaning and keywords. Then it will evaluate each answer by matching the keywords or the key concepts as well as its synonyms with the standard answer. It will also check the grammar and spellings of the words. After the evaluation, it will grade the answer depending on the correctness of the answer.

Screenshots of the Project / Photos of Working Model :



Karan Patil (karanpatil0710@gmail.com)

Mehul Waghambare
(mehulwaghambare13@gmail.com)

Project Guide : Ms. Janhavi Vadke

Applications :

1. Can be used anywhere any time as it is a web based application(user location doesn't matter)
2. Online subjective examination is designed for educational institutes like schools, colleges etc.

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

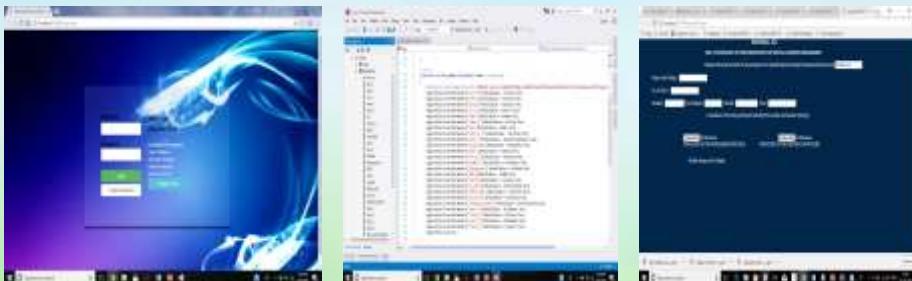
NSS Activity & Monitoring System (Live for VSIT/ University)

(Web Application)

Brief idea of Project :

The First Website of VSIT NSS (National Service Scheme). It addresses the volunteers about daily activities. Their own activity record, Achievements, Reports and many more. It deals with all the major problems related to the documentation side, Dairy Filling of the Volunteer, Registration, Reports of Daily Activity this all fields are now doing manually by traditional method i.e.. paper work. Through this website all the paper work will be reduce all the proformas and document work will be online. This website will also provide the notices, new activity details which will help the volunteers to updated. This is for VSIT and VIT NSS unit. The main motto of our project is out creation of the proforma in the pdf file and send it directly to Mumbai university.

Screenshots of the Project / Photos of Working Model :



Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project presented in Tantra -Vihar 2018



Vicky Yadav (navindev010@gmail.com)
Dinesh Nadar
(dineshanand1996@gmail.com)

Project Guide : Ms. Ketaki Ghawali

Applications :

1. Reduce all the paper work.
2. Daily updates of the activities, attendance , reports Camps.
3. Volunteer can keep the proper record of his/her activities with the help Database.
4. Notices and Details of upcoming Events, Camps will be provided.
5. Automatic Calculation of Hours

Food Wellness (Web Application)

Brief idea of Project :

Our project draws upon the basic idea of building a platform for the users to get a solution for health issues they are facing in their day to day life. This platform will help to deliver healthy food items to the people who don't find time or are unable to make healthy food for themselves in their busy schedule. The budget for such food items will also be displayed and will be quite affordable. The special dishes which are not available in our city can be ordered by the employees for the customers from the prone areas. The recommendations of different diet specialists will be given along with some tips and advices.

Instead of running here and there or surfing number of application or websites everything related to your health issues to your healthy food items delivery will be provided in one single platform.

Screenshots of the Project / Photos of Working Model :



Shraddha Pawar
(shraddhapawar8618@gmail.com) Pooja
Bera(poojabera2015@gmail.com)

Project Guide : Ms. Ketaki Ghawali

Applications :

1. To provide the employment to the housewife .
2. To provide healthy, nutritious and homemade food to needed.

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

Smart Mobile.com (Web Application)

Brief idea of Project :

In earlier days a customer has to visit our shop and has to rapidly inquiry for new products so it is incontinent for our customer to visit again and again at our shop so with the some convince of our regular customer we have develop a online mobile shop system so our regular customer and others can select products within from their home or place and they can buy. It includes two major module for two specific type of users of system via Customer and Admin.

Customer:-A normal Customer will be able to search mobile from mobile category and buy a mobile.

Admin:-Admin can add a specific mobile along with cost and description He can Also view reports based on various parameters and modify cost and many more.

Screenshots of the Project / Photos of Working Model :



Navin Avaduta
(navinsavaduta@gmail.com) Shashikant
Jaiswar (jaishwarshashikant65@gmail.com)

Project Guide : Ms. Ketaki Ghawali

Applications :

1. A platform to buy Mobiles online.
2. Online shop are usually available 24 hours .

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

EVENTO (Web Application)

Brief idea of Project :

The Concept of Project is to Find and Book Best Local Events around you. The Website gives authority to the event organizers to create and upload their event to be displayed on the Android Application. Event Organizers can see the booking status of their event on the website. Hence, gives an easy-to-use user interface for the clients(event organizers) for day to day updates for their events.

ANDROID APPLICATION:

The Android Application provides user to see, book and share events with various filters and event categories. User can also Contact a Event Planner through event planning section in the application. Users can make use of GPS location to find nearby events.

Screenshots of the Project / Photos of Working Model :



Akash Poojary(akashgoal04@gmail.com)
Faraaz Kazi(frzkazi97@gmail.com)

Project Guide : Ms. Kimaya Shelar

Applications :

1. A platform to make user find ,share and book their favorite Events through various filters and event categories.
2. A platform for event organizers to upload their event for booking to be displayed on App for users.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project presented in Tantra -Vihar 2018

Canteen Management System (Web Application)

Brief idea of Project :

In today's age of fast food and take-out, many canteen have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining experience. The main advantage of this system is that it greatly simplifies the ordering process for both the customer and the canteen. When the customer visits the ordering webpage, they are presented with an interactive and up-to-date menu, complete with all available options and dynamically adjusting prices based on the selected options. After making a selection, the item is then added to their order, which the customer can review the details of at any time before checking out. This provides instant visual confirmation of what was selected and ensures that items in the order are, in fact, what was intended. This system also greatly lightens the load on the canteen's end, as the entire process of taking orders is automated. Once an order is placed on the webpage, it is entered into the database and then retrieved, in pretty much real-time. Within this application, all items in the order are displayed, along with their corresponding options, in a concise and easy to read manner. This allows canteen employees to quickly go through the orders as they are placed and produce the necessary items with minimal delay and confusion.

Screenshots of the Project / Photos of Working Model :



Swati Bhoite (bhoiteswati7@gmail.com)

Madura Gaonkar
(maduragaonkar85@gmail.com)

Project Guide : Ms. Kimaya Shelar

Applications :

1. Completely automated online ordering of food in a canteen.
2. Detailed summary of order placed with option to search orders, update order status, print orders etc.

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

Loan Automation System (Web Application)

Brief idea of Project :

Loan Automation System is a very efficient process to handle all loan related transaction in a very accurate and convenient way. It is very helpful for those banking staffs that are in the charge of loan management, it provides a very reliable and convenient form for every loan and EMI related transaction and their related details. It also generates a very user friendly and understandable form for their transaction information as the receive form after a transaction which contains all the information related to next EMI date, remaining amount etc.

Screenshots of the Project / Photos of Working Model :

The screenshot displays two pages of the Loan Automation System. On the left is the 'Login' page, featuring a background image of a person working at a desk with a calculator, and a red 'Login' button. On the right is the 'Administrator' dashboard, titled 'Welcome To Administrator'. The dashboard includes a sidebar with links like 'New Customer', 'Loan Policy', 'Loan Register', 'Executive Payment', 'EMI Calculator', 'Loan Statement', 'Change Password', 'Job Profile', and 'Logout'. The main area shows a message 'Last Visit At : 24-02-2018 09:44:29' and a link 'Visit again in 10 days!'. Both pages have a yellow header bar with the text 'Loan Automation System'.

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



Soham Raut (sohamraut10@gmail.com)
Sahil Pashikar (sahil08021997@gmail.com)

Project Guide : Mrs. Leena Jadhav

Applications :

1. Can be used for keeping records of different bank loans.
2. Calculating EMI of loan offered by banks.
3. Keeping Customer records there current status, also keep record of loan repayment and late fine.

Construction Cost Estimator (Web Application)

Brief idea of Project :

The project construction estimator is made especially for builders and developers to estimate the raw materials and labor required to make a construction project (building, society, mall, etc). The system is also fed with the cost of various raw materials, so it automatically calculates the cost of those materials. The system also consists of an estimate of the labor power needed to make the project. It is also capable of calculating the number of days needed in project completion. Construction estimator then calculates the labor per day cost with the number of days to calculate the labor cost estimate.



Screenshots of the Project / Photos of Working Model :

Three side-by-side screenshots of a web-based construction cost estimator. The first screenshot shows a table with columns for 'Item Name', 'Quantity', 'Unit', and 'Rate'. The second screenshot shows a similar table with additional columns for 'Description' and 'Rate'. The third screenshot shows a table with columns for 'Item Name', 'Quantity', 'Unit', 'Rate', and 'Total'. All three tables have rows filled with data, and there are navigation buttons at the bottom of each screen.

Hrishikesh Shinde
(rushinde109.rs@gmail.com)
Omkar Sawant (osawant11@gmail.com)

Project Guide : Ms. Madhavi Amondkar

Applications :

1. Can be used to calculate resource, days, labour and cost of the construction.
2. Will give a fair estimation cost of the project.

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

Friend Finder (Web Application)

Brief idea of Project :

This is let the people know about the thing happening near them. With the help of this website people can display the events that are happening near them on the map. People can display the events like Blood Donation Camps, Big Festival Events, etc. One of the important feature of this website is to get help. By displaying the event as HELP your friend as well as nearby people can view that event on the map knowing that you are in need of help. This shall help people to come together and get connected.

Screenshots of the Project / Photos of Working Model :



Tanmay N. Gandhi
(tanmayngandhi1996@gmail.com)

Nikhil Zarekar
(nikhilzarekar.zarekar@gmail.com)

Project Guide : Ms. Madhavi Amondkar

Applications :

1. People can create new event that will be shown to other people on the map.
2. These will help to get people know about the events happening near them.

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

Employee Profile Management System (Web Application)

Brief idea of Project :

Nowadays every work is done on the internet. Each and every industry uses a different website for keeping their data safe. Employee management is equivalent to data storage book for company employees. In this website we store all data about the employee for example: Attendance, Leave, Payroll, Travel etc.

This database also includes employees details from the date of employment to the date of leaving. Organisations can use this database(as records) on historical basis.

Both employer as well as the employee can upload certain restricted data and information and retrieve it by using their personalised login id.

Screenshots of the Project / Photos of Working Model :

Welcome!

Username
Enter Username

Password
Enter Password

Remember me

Registration Form

Employee Details

Name:

Date of Birth:

Address:

Gender: Male Female

Mobile No.:

Email ID:



Aaboli Patil (patilaaboli@gmail.com)
Sharon Badal (sharonbadal01@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

1. A platform for store the employee's personal as well as professional data.
2. As well as company's details and other events are store in this website.

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

Placement Website of College (Web Application)

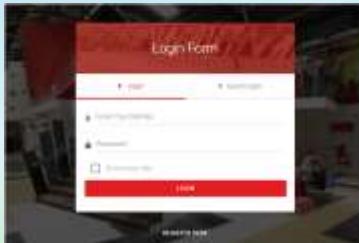
Brief idea of Project :

The focus of this project is to provide a simple and steady system to placement cell VSIT. This is a responsive website as per the requirement.

The website will be scaled on the Security features, Performance, Speed, User experience and design etc.

The major functionality will be provided to minimize the paper work and to provide a right solution for students and to placement cell to store the details as well as to perform placement related activities.

Screenshots of the Project / Photos of Working Model :



Shruti Gurav (shrutigurav77@gmail.com)
Namrata Patil
(namratapatil0810@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

1. Making Platform for students to connect with the Placement cell.
2. Provide solution to Placement Cell to Store the details of each individual student

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

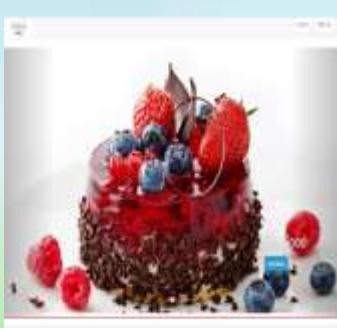
Online Customized Cake (Web Application)

Brief idea of Project :

In this customized cake website the user can choose their own Design of cake. The Website is developed taking into consideration the real time requirements while ordering cake, this application helps customer to choose cake with different size, shape, color, weight, layer etc. If successful it can be updated to other options in bakery.



Screenshots of the Project / Photos of Working Model :



A screenshot of a web-based registration form titled "Company Name". The form includes fields for "Your Name" (with placeholder "Customer Information"), "Your Email" (placeholder "customer@example.com"), "Phone", "Password", and "Confirm Password". A "Register" button is at the bottom.



Prabhat Kumar Yadav
(yadavprabhat37@gmail.com)

Premshankar Sharma
(premshankar5167@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

Option to provide the same cake with different qualities and quantities. Customize your own cake with different options .

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

COVERIZM (Web Application)

Brief idea of Project :

The Coverizm Is An E-Commerce portal which will allow People/ Customer to find best products for themselves. In this website the user of this website can customize their product via Coverizm. The objective of this project is to create an e-commerce web portal with a content management system which would allow product customization as customer or user want. The web portal will have an online interface in the form of an e-commerce website that will allow users to buy goods from the Coverizm. User can send their own design to customize their product from Coverizm



Screenshots of the Project / Photos of Working Model :

The image displays two screenshots of the Coverizm web application. The left screenshot shows a product catalog with three items: a red and orange phone case, a blue and green patterned phone case, and a green and white marbled phone case. The right screenshot shows a 'New User Signup' form with fields for 'First Name', 'Last Name', 'Email Address', and 'Password', along with a 'Sign Up' button.

Mahesh Pawar
(pawarmahesh813@gmail.com)
Omkar Bhise
(omkarbhise09@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

1. A platform to connect Customer needs with coverizm merchants.
2. People can make product as they want.

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

STOCK MARKET ANALYSIS

Brief idea of Project :

Our aim is to create software that analyze previous stock data of certain companies , with help of certain parameters the affect stock value. We are going to implement these values in data mining algorithms and we will be able to decide which algorithm gives the best result. This will also help us to determine the values that particular stock will have in near future. We will determine the patterns in data with help of data mining algorithms. The software will be developed using python and will be crosschecked and verified using "DBMINER" which is standard data mining tool. An extension to the project that sends an SMS to the user that is triggered on certain event can be added as an optional feature.

Screenshots of the Project / Photos of Working Model :



	Reco. Date	Reco. Price	Date of Sell reco	Price as on Sell reco#	Change
Oriental Bank of Commerce	18-Feb-11	330	30-Sep-12	283	-14%
Essel Propack	18-Mar-11	43	30-Sep-12	32	+26%

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



Shubham Parte
(shubhamparte31@gmail.com)

Shubham Phalke
(phalkeshubham19@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

1. Helps the users in detecting the market trend patterns and other conditions.
2. The project report contain a number of filter elements ranging as per the market trends that helps the users to analyze the registered stocks .
3. The project report contains a number of shares, their prices and Volume Breakouts

Let's Invest (Web Application)

Brief idea of Project :

Due to the lack of awareness and misconceptions about investments among the citizens, the ratio of investments has declined. The website analyses the income and based on a research values, it segments an individuals earnings. The pie chart represents the percent of ones revenue dedicated towards necessary expenditure. There are several options one can invest into thus the website displays a list of plans by various banks for investments in all range of incomes.



Screenshots of the Project / Photos of Working Model :



Rasika Purohit (Rasika.purohit@vsit.edu.in)
Chinmayee Rajadhyaksha
(chinmayeer6@gmail.com)

Project Guide : Ms. Pallavi Tawde

Applications :

1. Analyses an individuals expenditure.
2. Approximate amount one can invest
3. Multiple schemes to invest

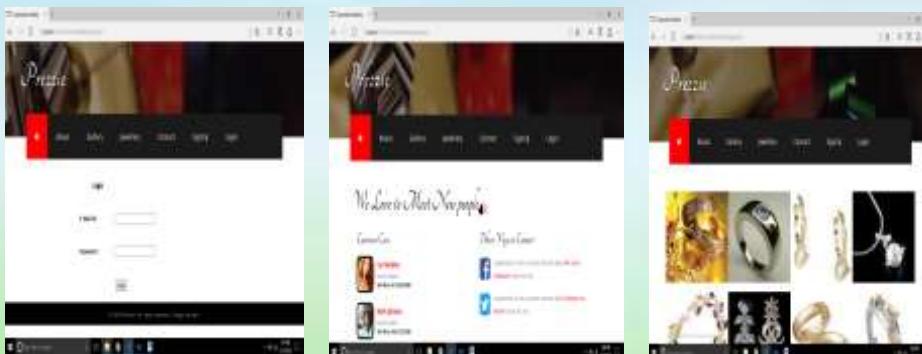
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Customized Jewellery (Web Application)

Brief idea of Project :

Our Website Will Help The Jewellery Vendors To Understand The Requirements Of The Customer. It Will Help Customers To Implement Their Idea On Our Website With The Customization Feature Customers Can Express Their Thoughts On The Website, It will Increase The Accuracy Of The Design. It Will Also Manage The Information About The Stock. Customers Can Design Their Jewellery Accordingly Their Needs and Thoughts.

Screenshots of the Project / Photos of Working Model :



Rushikesh N.Kamble

(rushikeshkamble1224@gmail.com)

Rohit R. Vaishya

(rohitvaishya1997@gmail.com)

Project Guide:- Ms. Payal Shah

Applications :

1. Understanding The Needs Of The Customer Accurately
2. Customers Can Design Their Jewellery According To Their Thoughts

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

Global Enterprise (Web Application)

Brief idea of Project :

Global Enterprises has commenced its business in year 2016.

Experienced partners with their respective profession it supports the client for all their office set-up requirements & Complete office portfolio management.

Few options will be provided by GE of the office layout, Client to revert with their feedback and finalisation of layout.

On layout finalisation, GE will provide bill of quantity for the finalised layout.

Copy of registered agreement to be handed over to landlord and client and copy of the same to GE.



Screenshots of the Project / Photos of Working Model :

Vignesh Devendra
(vigneshd938@gmail.com)
Satyarak Servai(iamsatyarak2@gmail.com)

Project Guide:- Ms. Payal Shah

Applications :

1. Understanding Client requirement
2. Scouting premise as per client preferred requirement
3. Negotiating with landlord and ensure best terms
4. Complete support during termination
5. Monthly update on work undertaken

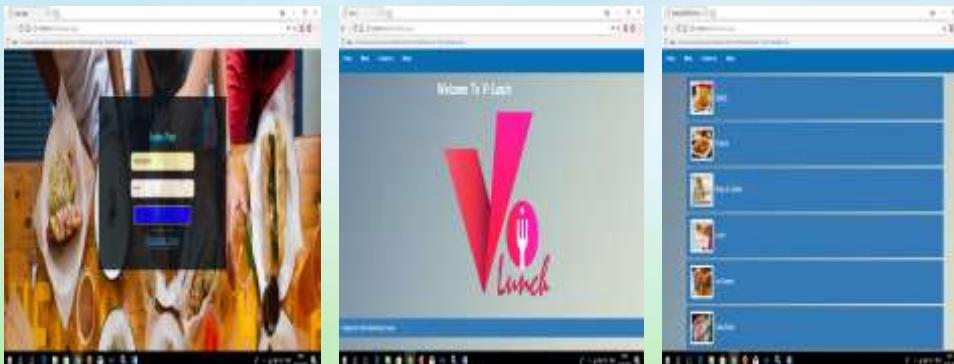
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

V-Lunch (Web Application)

Brief idea of Project :

The main idea behind our project is to develop an online (digital) environment for canteen of our college. The project will save the time of students as that they can order through their laptop or phone. Students can make payment through online transaction, the money will be deducted from their college account. They can then directly go to canteen and collect their order. It will also have an administrator login who can view and process the orders.

Screenshots of the Project / Photos of Working Model :



Talib Mulani (talibmulani199@gmail.com)
Ajay Chavan (chavanajay292@gmail.com)

Project Guide:- Ms. Payal Shah

Applications :

1. A digital platform for canteen of our collage.
2. Students can order canteen food online.

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

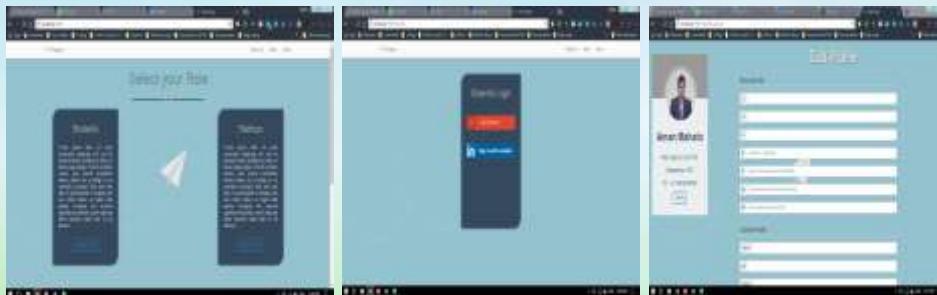
Stud-Start Portal (Web Application)

Brief idea of Project :

Stud-Start portal is web based Application which provide students to connect with start-up. Where students can apply for start-up based company for Job and Internship, by putting there projects and CV to there profile. Also Start-up can post jobs and Internship to this portal.

This portal is based on MERN based web Technology which uses Latest cutting edge technology like React js, Node Js, Express, MongoDB (NoSQL Database). This Portal goes live under E-Cell VSIT, which will be scalable to future enhancement.

Screenshots of the Project / Photos of Working Model :



Ashutosh Telang (ashutoshtel@gmail.com)

Amankumar Mahato
(amanmahato888@gmail.com)

Project Guide : Ms. Pushpa Mahapatro

Applications :

1. A platform to connect Student to start-up for Start-up based Jobs.
2. Start-ups can put job to this portal to get deserving candidates.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Black Book Creation (Web Application)

Brief idea of Project :

In final year, project development becomes a part of academics and demands efforts and time by students. Project has two aspects:1. Development 2. Black book Creation. In order to relieve the burden on students after project development, this website will enable students to enter data in black book using well formatted black book editor the student can also be able to view previous year's black books for reference as the static feature of the project.



Screenshots of the Project / Photos of Working Model :



Pooja Rajbhar
(poojarajbhar77@gmail.com)

Rutuja Dalvi (rutujadalvi06@gmail.com)

Project Guide : Ms. Pushpa Mahapatro

Applications :

Can be widely used in colleges and other educational institutions.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

DIGITAL WATERMARKING (Web Application)

Brief idea of Project :

Digital Watermarking is the art of hiding the fact that communication is taking place, by hiding information in other information. Many different carrier file formats can be used, but digital images are the most popular because of their frequency on the internet. For hiding secret information in images, there exists a large variety of watermarking techniques some are more complex than others and all of them have respective strong and weak points.

Screenshots of the Project / Photos of Working Model :



Mohinuddin Shaikh
(shaikhmohinuddin785@gmail.com)
Kartik Amin (kartikrockin@gmail.com)

Project Guide : Mr. Rajendra Patole

Applications :

1. A platform share important message in a open network.
2. It completely secured and not easily decrypted.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Deals Master (Web Application)

Brief idea of Project :

Deals Master is a Hybrid mobile application that acknowledges you to your desired product that suits your pocket without any trouble of going through different mobile application and website, and comparing prices and features. This is because Deals Master application makes the users aware about the deals, offers, discount, refer 'n' earn, promocodes, coupons etc. that are available on their desired or any specific product in real time. So the app not only puts forth the best deal but also lets you know about the different ways to purchase the product with which you can save more on online shopping.

Screenshots of the Project / Photos of Working Model :



Vivek Gohar (vivekgohar79@gmail.com)

Rohit Tarde (rohitind2008@gmail.com)

Project Guide : Mr. Rajendra Patole

Applications :

1. Acknowledges and makes user more aware about Bestdeals, offers, coupons on online shopping products.
2. The app not only puts forth the best deal but also lets you know about the different ways to purchase the product with which you can save more on online shopping.

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

Inventory System

Brief idea of Project :

With this Sports Inventory Windows Application, you can start your own inventory storing all your receipt/warranties/manuals and you'll be updated about your products. At the same time you can easily sell/buy your stuff and you will always have an instant valuation of all your things.

Screenshots of the Project / Photos of Working Model :



Ram Yadav(raamyadav247@gmail.com)
Mohammad D(mdskull1704@gmail.com)

Project Guide : Mr. Rajendra Patole

Applications :

1. For managing the stock in the sports inventory store.

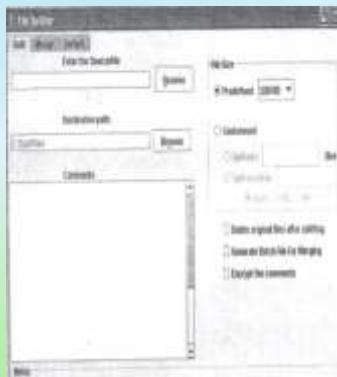
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

File Splitter (Web Application)

Brief idea of Project :

"File Splitter" is a java based tool for making distribution of files easier in removable media like floppies, compact disc, ZIP drives etc. It can split a large file that cannot fit into a single floppy, compact Disk (CD) or other media to one or more file fragments that can easily or perfectly fit into them. It is also possible to merge the splitted fragments back on destination machine using the same utility.

Screenshots of the Project / Photos of Working Model :



Komal Wagh(14302C0139)
Rashmita Shetty (15302D0062)

Project Guide : Mr. Rajendra Patole

Applications :

1. It is use for file splitting & merging

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

Vigour Fest (Web Application)

Brief idea of Project :

www.vigourfest.com is the website about the VSIT Vigour fest. It shows details about various events such as Spotlight event, Performing Arts, Technical Event, Sports Events, etc. Individuals from various colleges who wish to participate in the event can register through website.

Screenshots of the Project / Photos of Working Model :



Vaibhav Kachare(
vaibhakachare14@gmail.com)
Kaustubh Chaphekar
(kau.chaphekar@gmail.com)

Project Guide : Ms. Sanjeela Sagar

Applications :

1. A platform where students can get details about the college festival and event details.
2. Website for Intercollegiate fests

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project presented in Tantra -Vihar 2018

Online Book Store (Web Application)

Brief idea of Project :

An online bookstore software projects that acts as a central database containing various books in stock along with their title, author and cost. This project is a website that acts as a central book store. This web project is developed using ASP.NET as the front end and SQL as a back-end. The SQL database stores various book related details. A user visiting the website can see a wide range of books arranged in respective categories. The user may select desired book and view its price. The user may even search for specific books on the website. Once the user selects a book , he then has to fill in a form and the book is booked for the user.

Screenshots of the Project / Photos of Working Model :



Devika (vdr4101997@gmail.com)
Rathna Dasari (ratnadasari96@gmail.com)

Project Guide : Ms. Sanjeela Sagar

Applications :

1. The system can be very well used by the book shopkeepers to expand their customers.
2. The system can also be implemented in publishing houses.

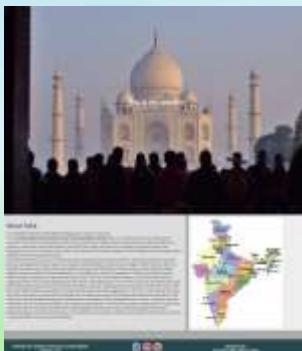
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

MyIndia Tourism (Web Application)

Brief idea of Project :

MyIndiaTourism is a website. It provides contact information about Guides, which allows Guides to have their own platform to earn without any 3rd party interference. Guides can register themselves into the system. On the other hand, to maintain the quality of service, Guides will be ranked on the basis of user's feedback. Guides with highest rating will be placed on top hence attracting more users. Data collection always is a tedious task, we have decided to do it programmatically using a web crawler, which gathers the information for you. Along with this we are providing information about best places from different states and cities of India.

Screenshots of the Project / Photos of Working Model :



List of Guides	
1. Sagar Patel	1 Day, 2 Day, 3 Day, 4 Day, 5 Day, 6 Day, 7 Day
2. Mansi Gupta	1 Day, 2 Day, 3 Day, 4 Day, 5 Day, 6 Day, 7 Day
3. Saurabh Pujare	1 Day, 2 Day, 3 Day, 4 Day, 5 Day, 6 Day, 7 Day
4. Sarika Chouhan	1 Day, 2 Day, 3 Day, 4 Day, 5 Day, 6 Day, 7 Day



Mansi Gupta
(mansi.gupta3197@gmail.com)
Saurabh Pujare
(saurabhpujare@gmail.com)

Project Guide : Dr. Sarika Chouhan

Applications :

1. User can book guide directly from the website.
2. People can browse through the information about famous places in India.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Project presented in Tantra -Vihar 2018

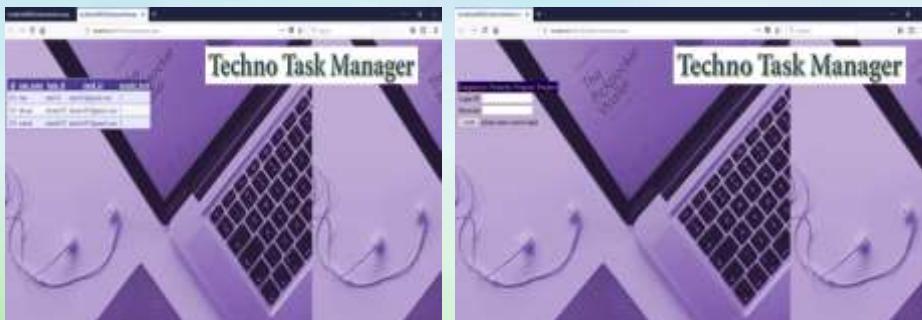
Techno Task Manager(Web Application)

Brief idea of Project :

In the organization the manager assign task to their subordinate's using file system. Manager every time meet personally to all subordinates and get status of the project or task. This way of assigning task consume more time. Our web application helps the manager to assign the task online according to employees abilities and skills .

This system provides help in managing different tasks as well as the employees associated with the work. In this application the work is divided into group of employee. The employees are selected to be a part of the work. This application being a web based is easily accessible from any corner of the company as every machine is part of a LAN Network.

Screenshots of the Project / Photos of Working Model :



Abhishek Kanjoliya
(abhishekkanjoliya435@gmail.com)

Monica Saroj (msaroj174@gmail.com)

Project Guide : Dr. Sarika Chouhan

Applications :

1. Manager can assign task online to their subordinates.
2. Team members can view the details about the processes running on Team Members computer.

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

Dialysis Center Finder (Web Application)

Brief idea of Project :

There are many patients who are in need of dialysis but they are not aware of dialysis centres available in Mumbai. Our Website helps the people to find various dialysis Centre situated in Mumbai. This Website also provides information about renowned Nephrologist, List of Dietitians and A.V Fistula center available in Mumbai. It also provides the List of NGOs who provides financial help for the dialysis treatment. Patient can also take online appointment of a Doctor and consult a Doctor from Doctor's Talk option available in the Website.



Screenshots of the Project / Photos of Working Model :

A screenshot of a web page with a light gray background. It features a search form with two input fields labeled 'Search' and a red 'Submit' button below them. There is also a small red link at the bottom of the form.A screenshot of a registration page with a light blue header containing the text 'Registration Here'. Below the header is a form with several input fields: 'First Name', 'Last Name', 'User Name', 'Email', 'Password', and 'Phone Number'. At the bottom of the form are two buttons: a red 'Register' button and a blue 'Forgot password Click Here?' link.

Siddhant Chavan
(siddhantchavan402@gmail.com)

Mayur Sawant (mayur.s.030@gmail.com)

Project Guide : Dr. Sarika Chouhan

Applications :

1. User can easily find dialysis centres available in Mumbai.
2. User can take online appointment of Doctors

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

Wedding Planner (Web Application)

Brief idea of Project :

The main objective of the Project on Wedding Planner is to manage the details of Customer, Booking , Venue, Wedding, Decoration, etc.

It manages all the information about Customer, Event, Booking Status.

The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an website to reduce the manual work for managing all the Booking, Event Customer, Venue.

It tracks all the details about the Wedding and related to that.



Screenshots of the Project / Photos of Working Model :

Rajat Todankar
(todankar.rajat@gmail.com)

Vishal Shriswal
(abhimanus361@gmail.com)

Project Guide : Ms.Seema Bhatkar

Applications :

1. The website allows user to view different wedding plans, allow user to book the wedding package
2. Allows admin to view orders and update plan details

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

CIVIL CONTRACTOR (Web Application)

Brief idea of Project :

For the betterment of customers to know various designs done by the company regarding CIVIL work which includes TILING, ROOFING, CEILING, PAINTING, PLUMBING, WIRING and all type of RESTORATION and RENOVATION WORK.

Also to make aware of latest design running in market to the customer.



Screenshots of the Project / Photos of Working Model :

Three screenshots of a web application interface. The first screenshot shows a 'Register Page' with fields for 'Full Name', 'Last Name', 'Email', 'Phone', and 'Address'. The second screenshot shows a dashboard with sections for 'My Projects', 'My Services', 'Tasks', 'Comments', 'Feedback', and 'Profile'. The third screenshot shows another view of the dashboard with similar sections. A vertical sidebar on the left contains navigation links for Home, Profile, Helpdesk, Tasks, Comments, Feedback, and Helpdesk.

Rushikesh Sawant
(rushikeshsawant05@gmail.com)

Parikshit
Mayekar(parikshitm14@gmail.com)

Project Guide : Ms.Seema Bhatkar

Applications :

1. Customer would be able to communicate with the firm.
2. Customer can get information about new trends in market.
3. Customers would be able to clear all their doubts regarding CIVIL work.

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

Event Management (Web Application)

Brief idea of Project :

Event manager: The event manager will fill the form to post their event on the website with their cost and address of the event.

User login: User first have to register themselves to access this website . If the user is interested in any event they have to proceed with online payment for that event.

After the online payment is done the user will receive the QR code. That QR code will be used as entry pass on the event venue.

Screenshots of the Project / Photos of Working Model :



Name: Sanchita jagdale
Address: 123 Main Street, Anytown, USA
Phone Number: 123-4567
Alternate Phone Number: 123-4567
Gender: Female
Email: sanchitajagdale25@gmail.com



Name: Prajaka Mohite
Address: 123 Main Street, Anytown, USA
Phone Number: 123-4567
Alternate Phone Number: 123-4567
Gender: Male
Email: prajumohite124@gmail.com



Sanchita jagdale
(sanchitajagdale25@gmail.com)

Prajaka Mohite (prajumohite124@gmail.com)

Project Guide : Ms.Seema Bhatkar

Applications :

1. User will get list of upcoming events.
2. Online event registration & delegate management including online payment.

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

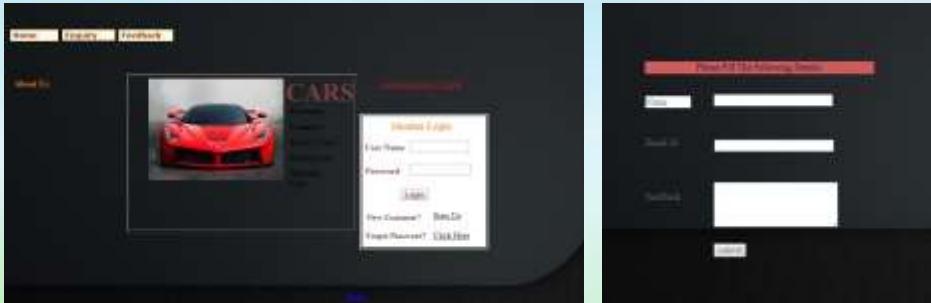
Car Rental (Web Application)

Brief idea of Project :

The main idea behind Car rental website is that everyone should be able to easily book car whenever needed . Website will be controlled by single admin where he can keep a track of bookings , Also admin here can add a new car to database from admin panel. We also have a feedback form on website directly. User will have a Adhar card verification system So only certified users can book the car, User will have payment option of cash on delivery or Online payment options.



Screenshots of the Project / Photos of Working Model :



Shubham Phadatara
(shubhampahadatare.sp@gmail.com)

Pratik Keluskar
(pratikkeluskar1997@gmail.com)

Project Guide : Ms.Seema Bhatkar

Applications :

1. A website for renting cars to users.
2. Easy for user to select between multiple cars

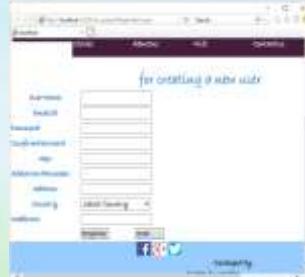
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

My Story (Web Application)

Brief idea of Project :

As this website is concern about the writers. A writer is a person who uses written words in various styles and techniques to communicate their ideas. As this website gives them a platform to show there ideas and it acts as medium between the public and writers

Screenshots of the Project / Photos of Working Model :



Sneha Anumalla

(snehaanumalla.s160995@gmail.com)

Shreya Goli (shreyagoli4@gmail.com)

Project Guide : Prof. Shajil Kumar P.A

Applications :

1. User can register themselves in this website where in the user can read or write the stories.
2. This application provides a user friendly GUI interface.

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

Digitalize Automatic Attendance (Web Application)

Brief idea of Project :

As it is difficult to take a note of attendance on paper and then put that manually in the database of a particular student and to keep the track of each and every students attendance. If the attendance of the student go below average then to keep track on defaulters list. Is not easy and it very hectic to keep all this track.

So to overcome this we can use Digitalised Automatic Attendance (using IOT). Where there is no such issue of upgrading the database again, the proxy system, or punching's friends card etc. As in this technology as soon as the student enters the class the infrared sensor present at the door sense the humans presence and scan the RFID code, the attendance is marked as soon as particular student gets in with the help of RF-ID scan. In every student id card there will be RFID tag, which will be scanned whenever student enters the class.

Screenshots of the Project / Photos of Working Model :



Rohit Mishra
(rohitrmishra2797@gmail.com)

Balasubramaniam A.
(acharybalasep01@gmail.com)

Project Guide : Prof. Shajil Kumar P.A

Applications :

1. To see attendance of all employees/students in a month or in year, Please follow following steps.
Go to Tab Attendance Controls -> View Attendance.
2. Generate Validation key

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

Multiple queue Management with real time tracking for OPD

Scheduling in hospitals (Web Application)

Brief idea of Project :

Appointment scheduling systems are used by primary and specialty care clinics to manage access to service providers, as well as by hospitals to schedule elective surgeries. Many factors affect the performance of appointment systems including arrival and service time variability, patient and provider preferences, available information technology and the experience level of the scheduling staff. The most common types of health care delivery systems are described in this article with particular attention on the factors that make appointment scheduling challenging.

Screenshots of the Project / Photos of Working Model :



Aniruddha Vaze
(vaze.aniruddha@gmail.com)

Project Guide : Prof. Shajil Kumar P.A

Applications :

1. A road map of the state of the art in the design of appointment management systems is provided and future opportunities for novel applications of IE/OR models are identified.
2. The proposed system aims at reducing the dissatisfaction with services with medium to long waiting times

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

Auto Suggestions and Instructions for Cooking

Brief idea of Project :

The idea behind this project is to have a virtual assistant cook .In theory this site helps the user find out recipes depending on cook's ingredients. It can also suggest certain altered recipes made by renowned chefs that may interest the cook in question. Just keying the ingredients and the website will find matching recipes for the chef to cook along with instructions. The site offers real time cooking instructions, like how much of each ingredients, cooking temperatures, utensils that can be used. It can also periodically alert the food.

Screenshots of the Project / Photos of Working Model :

The screenshot shows a website header with the title 'APPETIZING ADVENTURES' and a subtitle '- Cooking & Blogging -'. Below the header, there are navigation links for 'All Posts', 'Home Made Easy', 'Biryani', and 'The Healthy Choice'. A search bar is located at the top right. The main content area features a recipe card for 'Appetizers for your dinner party' by Sanjeev Kapoor, which includes a photo, a brief description, and a link to the full article.

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



Parthav Srijit - parthavsrijit@gmail.com

Sarthak Shahakar-
sarthakshahakar@gmail.com

Project Guide : Prof. Shajil Kumar P.A

Applications :

1. The website can help generate interest in cooking a wide variety of food.
2. With few additions and modifications, it can be used to give step by step instructions to new chefs trying to develop a new menu or a palate.
3. Can help new, upcoming chefs introduce their new menu to the public.

Visitors Gate Pass System (Web Application)

Brief idea of Project :

The idea behind this project is to have a virtual assistant cook .In theory this site helps the user find out recipes depending on cook's ingredients. It can also suggest certain altered recipes made by renowned chefs that may interest the cook in question. Just keying the ingredients and the website will find matching recipes for the chef to cook along with instructions. The site offers real time cooking instructions, like how much of each ingredients, cooking temperatures, utensils that can be used. It can also periodically alert the food.

Screenshots of the Project / Photos of Working Model :



Abhishek Maurya
(abhi.maurya501@gmail.com)

Akash Singh (singhakash0122@gmail.com)

Project Guide : Prof. Shajil Kumar P.A

Applications :

1. User can register his/her details when visits for the first time.
2. The details will be saved in the database. Visitors image will be captured.
3. On Next visit the saved information can be reused.

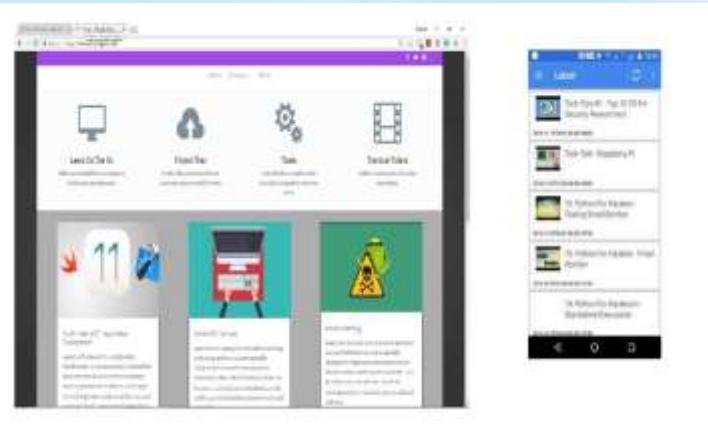
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Educational Ecosystem (Web Application)

Brief idea of Project :

The first-ever platform designed for students to interact and learn from instructors on the go. Students can learn programming and other things directly from the instructors on their choice of device. A Platform for students to upgrade their skills and get certified and all this for free. Instructors can post their videos, and make money from ad revenue.

Screenshots of the Project / Photos of Working Model :



Priyank Gada (me@priyankgada.com)

Project Guide : Ms. Snehal Tandale

Applications :

1. A platform where students can learn and get certifications.
2. A platform where instructors can make money with their videos..

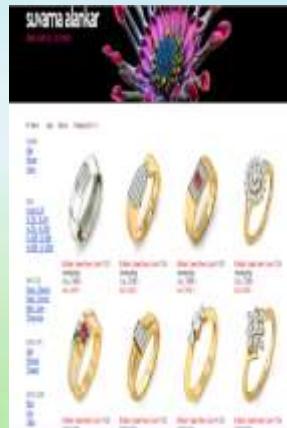
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Online Jewellery Shopping (Web Application)

Brief idea of Project :

- Online Jewelry Shopping system is basically made for providing the customer an anytime and anywhere service for shopping the Designs of the Jewelry and to gather information about the Jewelry Design online.
- Admin can use the system to insert and delete Product (e.g. Product, Category, Specification) which will update the webpage (webpage are dynamic page, changing according to the data in database). Also, admin can check the statistic information from the system

Screenshots of the Project / Photos of Working Model :



Ashish Patkar (ashishpatkar07@gmail.com)
Shraddha Naik Aroskar
nkshraddha27@gmail.com

Project Guide : Ms. Snehal Tandale

Applications :

1. To minimize the number of staff at the Jewelry Shop
2. To increase the profit
3. To obtain statistic information from the shopping record

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

Online Enterprise Resource Planning (Web Application)

Brief idea of Project :

Enterprise Resource Planning (ERP) college web application is the one kind of web application which integrates all the modules and functionalities of college system on a single system that can be handled by the administrative head and access by the students and faculties with valid user id and password. As we know that, a college consists of different departments, such as course departments, fees management, library, event management etc. Nowadays applications and uses of information technologies is increased as compared to before, each of these individual departments has its own computer system to do their own functionalities. By having one main system they can interact with each other from their respected system by having valid user id and password.

Screenshots of the Project / Photos of Working Model :



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



Ganesh Sanku
(ganeshsanku03@gmail.com)

Joshna Machha
(machha.joshna.143@gmail.com)

Project Guide : Ms. Snehal Tandale

Applications :

The purpose is to design software for college database which contains up to date or accurate information of the college. That should improve efficiency and flexibility of college record management and to provide a common and or simple platform for everyone to access the student's information.

Industrial Visit (Web Application)

Brief idea of Project :

This website is basically based on the data based on industrial visit which college conducts every year. It gives a brief idea about the various Industrial visits which were conducted by different streams of VSIT. This helps student to register through the login form and also get the details of upcoming industrial visits and also get the data of the industrial visits conducted.

Screenshots of the Project / Photos of Working Model :



Vishal Somal (vishals456789@gmail.com)
Varun Myaka (vsmyaka@gmail.com)

Project Guide : Ms. Spruha More

Applications :

1. It allows students to register for upcoming Industrial visits
2. It gives us the details about the various industrial visits conducted

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

Gym Management (Web Application)

Brief idea of Project :

The objective of the Gym Management System to provide a system which handles the information of the people coming into the gym and maintaining their health care. It takes care of all their health information. It even maintains the data of what and all medicines used by the people who join the gym. Data will be stored in the database. It also maintains the people's attendance, gym records.

They are The Admin and the receptionist (gym instructor). Receptionist can add the details of a person who wish to join the gym. Their personal information including weight, height and phone number are collected. The receptionist also provides timings for that person, when he can come to the gym. As soon as that particular person arrives, his day of attendance will be marked by the receptionist.

Screenshots of the Project / Photos of Working Model :



Omkarkavankar
(omkarkavanka1@gmail.com)

Rohityadav (rohityadav@gmail.com)

Project Guide : Ms. Spruha More

Applications :

1. It allows visitor to checks details of various packages.
2. It gives us the details about the products are available.

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

Office Automation System (Web Application)

Brief idea of Project :

It is used to digitally create, store, manipulate, and relay office information and data, needed for accomplishing basic tasks and goals. Office automation makes it possible for business organizations to improve their productivity and recognize easier ways to do business in profits.

Screenshots of the Project / Photos of Working Model :



SanketJadhav(sankijadhav888@gmail.com)

Prabhakar R
(prabhakarrajbhar97@gmail.com)

Project Guide : Ms. Sunita Koli

Applications :

1. A platform to connect NGOs, NPOs, donors and locals online as well as offline.
2. People can volunteer for social causes.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Project presented in Tantra -Vihar

E-Logistic for Warehouse Management(Web Application)

Brief idea of Project :

The current system faces a number of problems due to manual maintenance of registers to store stock and order details. The data retrieval becomes a difficult and time consuming task. Hence, proper records cannot be maintained which often compromises with the company's goals.

The project helps the customers to search the products and order them at any given time. The customer details are maintained to keep a track of transactions and the products sold. Customers can keep a track of their orders. They can view the status of their order. Once the order is delivered, the customer can view and print the bill against the order. The Admin, Warehouse manager and Sales manager can view the reports(Graphs ,Pie charts) of the IN and OUT transactions. This helps to maintain the records of the products that are in stock or out of stock.

Screenshots of the Project / Photos of Working Model :



Vengatakrishnan
(vengatakrishnan3@gmail.com)

GuruprasadG
guru.ganapuram.12@gmail.com)

Project Guide : Ms. Sunita Koli

Applications :

- Allows for picking locations with replenishment when falls below a defined quantity.
- Provides better picking functionality .

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Project presented in Tantra -Vihar

Shutter Talk(Web Application)

Brief idea of Project :

This website is based on network API which fetches photos and videos from a photographers social media accounts. So it will be easy for all users to see all photos at one place only by using one location. Saving memory and easy Access for all users.

Screenshots of the Project / Photos of Working Model :



KaustubhG(kaustubh.v.ghag@gmail.com)

Deepesh(chodankardeepesh@gmail.com)

Project Guide : Ms. Sunita Koli

Applications :

1. A platform to connect NGOs, NPOs, donors and locals online as well as offline.
2. People can volunteer for social causes.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Project presented in Tantra -Vihar

Crime Record Management(Web Application)

Brief idea of Project :

The Crime Records Managing System is a web-based application for primarily providing training to the employees who provide customized solutions to meet organizational needs. It is user friendly, and has required options, which can be utilized by the user to perform the desired operations. The software is developed using Java as front end and Oracle as back end in Windows environment.

Screenshots of the Project / Photos of Working Model :



Shivangi S.(shivangisunchu@gmail.com)
Revati K.(khopaderevati@gmail.com)

Project Guide : Ms. Sunita Koli

Applications :

1. Use of automated crime record management of crime and criminal data and information.

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

Online College Magazine (Web Application)

Brief idea of Project :

Online college magazine provides a platform for students to exhibit their talent. This online college magazine can replace the printed version. By introducing this project students get more knowledge. Online college magazine is a java based web project where students can share their articles, read various articles, and promote literary insight. Every student can view and post their ideas because this is not a printed magazine as it leads to wastage of paper. Large number of data can be stored without any missing of information.

Screenshots of the Project / Photos of Working Model :

The screenshots show the user interface for the Online College Magazine. The first screenshot is the Administrator login page, showing fields for Username and Password, and a 'Forgot Password' link. The second screenshot is the Staff Login page, showing fields for Email and Password, and links for 'Forgot Password', 'Registration', and 'Staff Login'. The third screenshot is a registration form, showing fields for Username, First Name, Last Name, Password, Confirm Password, Email, Gender (Male/Female), and a checkbox for 'I accept Terms and Conditions'. A blue button at the bottom right says 'Register'.



Divya V (dvishwadnya@gmail.com)

Ankita Shirke
(ankitashirke2906@gmail.com)

Project Guide: Mrs. Ujwala Sav

Applications :

1. A platform for the information of the college and about the college.
2. To spread the awareness and details about the various issues and topics

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

Mobile App

A mobile app is a software application designed to run on mobile devices such as smartphones and tablet computers. Most such devices are sold with several apps bundled as pre-installed software, such as a web browser, email client, calendar, mapping program, and an app for buying music or other media or more apps. Some pre-installed apps can be removed by an ordinary uninstall process, thus leaving more storage space for desired ones. Where the software does not allow this, some devices can be rooted to eliminate the undesired apps.

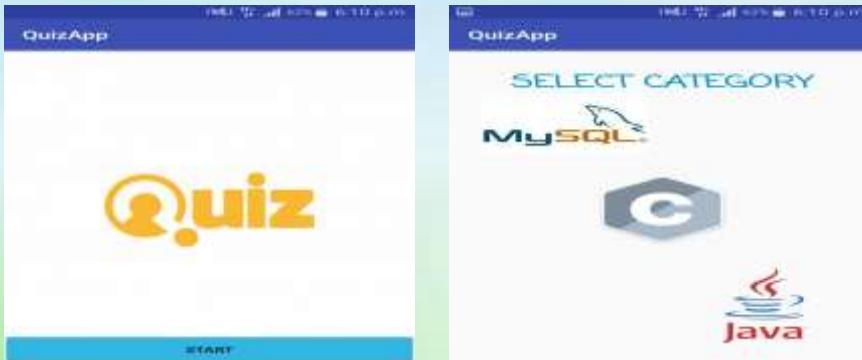
Native mobile apps often stand in contrast to desktop applications that run on desktop computers, and with web applications which run in mobile web browsers rather than directly on the mobile device.

Aptitude test (Mobile App)

Brief idea of Project :

The app leads you the world of knowledge. Quizzing is a key component in the matrix of tools available for students. The ability to test one's knowledge in a non-stressful, user-driven , self-paced environment promotes increased application usage and success. Different variations of quiz are available to minimize the risks associated with boredom and maximize the percentage of sparking interest experienced by students.

Screenshots of the Project / Photos of Working Model :



Akash Desai (akdesai41@gmail.com)

Sahil Maurya(sahilmaurya111@gmail.com)

Project Guide : Prof. Aasha Vanve

Applications :

1. Users can test ability to identify his/her knowledge online as well as offline
2. Scores are based on questions answered correct on a first attempt

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

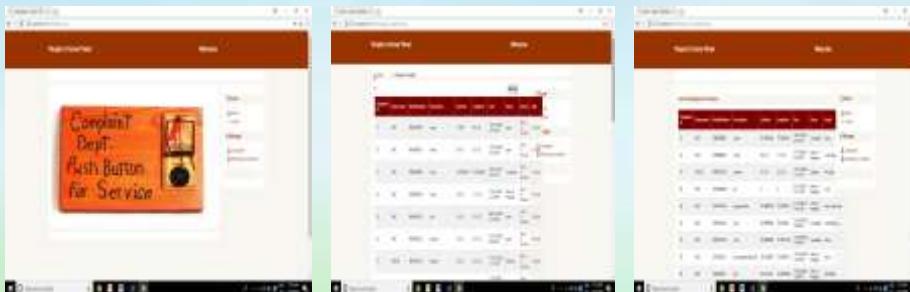
BMC Clean-up (Mobile App)

Brief idea of Project :

Swachh Bharat Mission is a mass movement for cleanliness launched on 2nd October 2014 by the Prime Minister of India. The Swachhta Abhiyan has turned into a National Movement with citizens now becoming active participants in cleanliness activities across the nation. The dream of a 'Clean India' once seen by Mahatma Gandhi is being realized with millions of people across the country joining the cleanliness initiatives of the government departments, NGOs and local community centres to make India clean as a part of this 'Jan Andolan'.



Screenshots of the Project / Photos of Working Model :



Jaykumar Parmar
(jayparmar575@gmail.com)

Mayuresh Chavan
(mayureshc96@gmail.com)

Project Guide : Prof. Aasha Vanve

Applications :

1. She/he can register a waste/dump complaint related to a specific zone from mobile application where he/she has a problem.
2. He/she can upload a image with the complaint.
3. This application provides a user friendly GUI interface, mobile application contains GPS tracking system too.

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

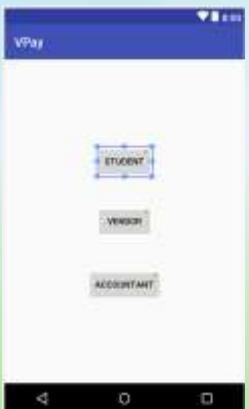
VPay – Mobile Wallet (Mobile App)

Brief idea of Project :

BARCODE based Vendor Payment using android as the name state is used for barcode scanning for transaction between a Vendor and a Student go cashless. The system deals with the Liquid Cash Transaction between a vendor and a student enhancing the reliability and the quick monitory transaction on both the ends. This system works in a different fashion when the vendor scans the barcode code from the Student app the amount is transferred into the vendors wallet and he can transfer the amount to his account at his ease. This System works on a unique Barcode Code ID given to every students Identity card. All the passwords are encrypted using AES Encryption algorithm. Ex. Canteen, V- Print and Stationary.



Screenshots of the Project / Photos of Working Model :



Unmesh Kupte
(unmesh.4197.uk@gmail.com)

Prathamesh Chalke
(prathameshchalke2611@gmail.com)

Project Guide : Ms. Akshatha Jain

Applications :

1. Transactions with various vendors like, CANTEEN, STATIONARY & V-PRINT.
2. Cashless Environment inside College Campus.

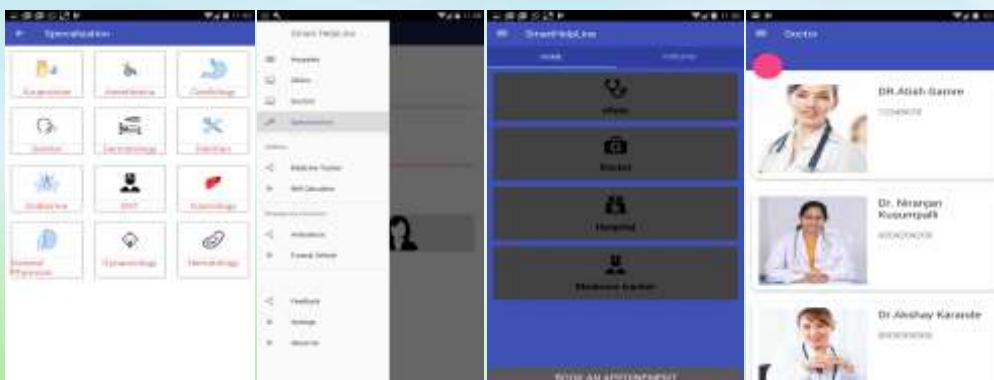
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Smart Helpline (Mobile App)

Brief idea of Project :

This project is developed to ease the work of people who need any kind of medical related information like first aid ,nearby clinic or hospital , review and details of hospitals and clinics. This type of app is not available till date so for those who don't know best hospitals, clinics or doctors in their budget, this app can solve their most of the problems. In our next phase we will connect to hospitals as well so that people can book appointment to their nearby hospital directly from their home or working location .our app is also providing a medicine tracker so people can able to remember their medicine intake time .

Screenshots of the Project / Photos of Working Model :



Sonu singh(skraghav80@gmail.com)
Anil patel (anilspatel1997@gmail.com)

Project Guide : Ms. Akshatha Jain

Applications :

1. People can use this app to locate nearby hospital ,clinic or specialist.
2. This can be used by anyone in mumbai .

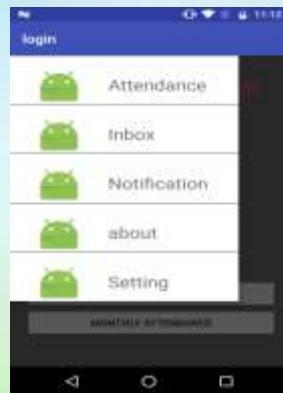
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Way To Classes (Mobile App)

Brief idea of Project :

This very project of us namely Way To Classes for SHIRODKAR CLASSES will help parents to interact with their children's classes. This will help parents to understand what is happening in the class and how their child is performing. This application will be acting as the interface between parents and classes. This application will give every day attendance of their child whether he is present on that very day or not. The parent would get the notification of his or her attendance on the same day itself. This application will also inform about the upcoming tests and the results of that tests will be displayed on the application so that the parents would easily come to know about the progress of their child.

Screenshots of the Project / Photos of Working Model :



Milind Ingle (milind.ingle1997@gmail.com)

Suyash Tamore
(tamoresuyash@gmail.com)

Project Guide: Ms. Beena Kapadia

Applications :

1. Helpful to parents and teachers to interact with each other and can solve the problems of the students.
2. Reduces the work of the teachers in displaying the students progress to the parents.

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

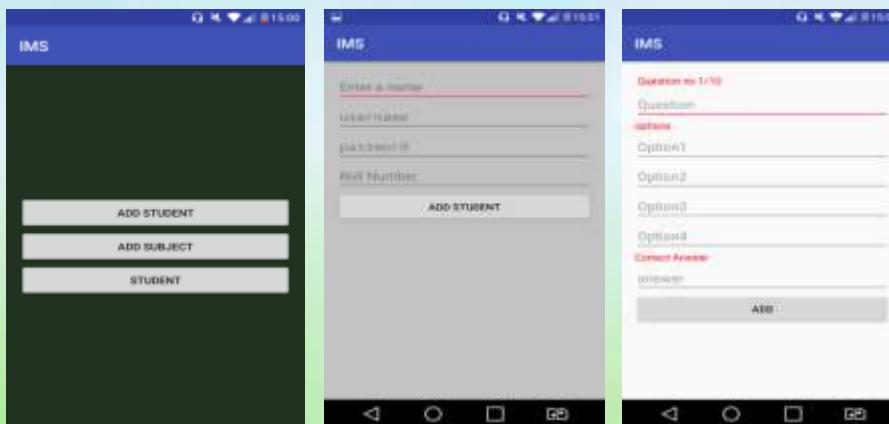
Internal Marking System (Mobile App)

Brief idea of Project :

The goal of the project is to create a system that declares the result after adding internal multiple choice questions marks and internal descriptive question's marks. Our college conducts the internal exam and the class test in every semester of each subject and keeps the stores the records manually or in the excel file. We are introducing our application to reduce a professor's work. Each professor can upload the questions and also add the students. A student will get username and password to log in to the system and can appear for the online exam as a part of daily class test scheduled by their subject professor and get the result immediately.



Screenshots of the Project / Photos of Working Model :



Pragati Gawade
(pragatipan456@gmail.com)

Kajal khandare
(kajalkhandare11@outlook.com)

Project Guide: Ms. Beena Kapadia

Applications :

- As it is online internal marking scheme, it is convenient and fast process to declare the result.
- Added both features of taking internal exam – one mark questions on selection based and descriptive questions

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Smart Inventory (Mobile App)

Brief idea of Project :

The aim of this application is to reduce the manual effort needed to manage transactions and historical data used in various godowns. Also this application provides an interface to users to view the details like the daily Stock Statements of all godowns. Forget about the paper based inventory lists manage your stock easily and efficiently with this app. Suitable for any type of small, medium business and warehouse inventory management.

Screenshots of the Project / Photos of Working Model :



Jigar Shethis (jigar4444l@gmail.com)

Shreshta Upadhyay
(shreshtau19.96@gmail.com)

Project Guide: Ms. Beena Kapadia

Applications :

1. An application for small and large scale vendor to keep track on sales and purchase.
2. Vendor will come to know when to buy good when there are less goods in inventory
3. Vendor can keep track of running product using ABC analysis.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

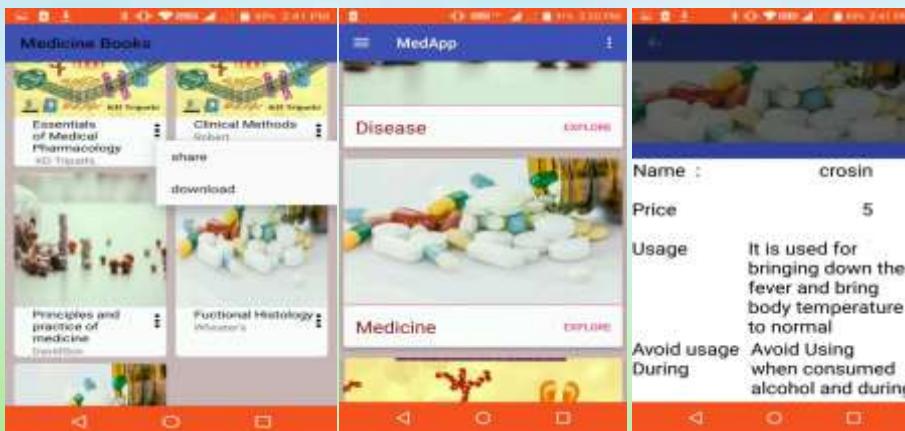
Medical Reference System (Mobile App)

Brief idea of Project :

The project entitled "Medical Reference System" is designed to allow health care providers who are in constant need of current authoritative medical information to help them take better care of their patients and live a healthier life.



Screenshots of the Project / Photos of Working Model :



Anas Bamasaud
(anasbamasaud18@gmail.com)

Regis Charles (regischarles7@gmail.com)

Project Guide: Ms. Beena Kapadia

Applications :

1. The medicine application is used to check the usage of all the medicine, disease, and all the data the app is hosted in web hosting server So a centralised access of data is possible
If a user wants to save a content he can do it using local storage

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

IMAGINAIRE

Brief idea of Project :

Imaginaire image sharing or photo sharing is the publishing on transfer of users digital photos online .Image sharing website offers services such as uploading, hasting, managing and sharing of photos publicity or privately .

This function is provided through both website and applications. The upload and display image the term can also be loosely applied to be use of online photo galleries.

That are fit up and manage by individual user including photo blogs.



Screenshots of the Project / Photos of Working Model :



Unnati Suryawanshi
(unnatisuryawanshi6@gmail.com)
Bhavana Patil
(bhavana1997patil@gmail.com)

Project Guide : Mr. Hrishikesh Tendulkar

Applications :

1. Use on Facebook, email via link.
2. Manage by individual user.

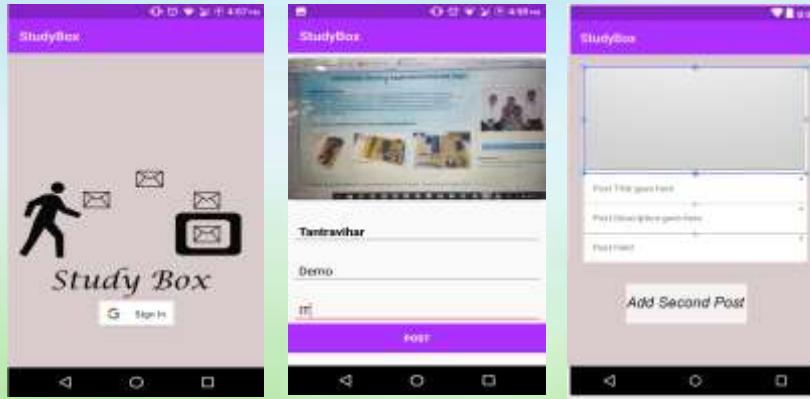
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

StudyBox-Knowledge Sharing Application (Android App)

Brief idea of Project :

Our research has been drawn as to help common-man and especially for the student who don't have enough resources for improving their knowledge and skills for their own betterment. To overcome this issue we going to implement and android application. Anyone can use this application who's using android devices like smartphone and tablets. By using this application anyone can share knowledge of their own to the world and also gain some knowledge which he/she needs. By using this application we can share and gain knowledge by creating post and posting in the app feed. Such post may contain text, photos and videos etc.

Screenshots of the Project / Photos of Working Model :



Nayan Singh Matta
(nayansmatta@gmail.com)

Devang Lavekar (devangvl@gmail.com)

Project Guide : Mr. Hrishikesh Tendulkar

Applications :

1. Making knowledge sharing/gaining lot easier.
2. Easy to use and understand the features.
3. We can collaborate with the popular expert in a particular field for multiple purposes like event guest, guide for workshops.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Smart Virtual Fitness Trainer and Dietitian (Mobile App)

Brief idea of Project :

Smart Virtual Fitness Trainer and Dietitian has various features like customer database, financial records , etc. Both these options have a trainer. On entering the weight gain trainer it asks for your body weight, height and other answers. Depending on that it calculates your body mass index. It then shows you a workout schedule depending on the amount of weight you need to gain from your current status. It then keeps monthly track of your BMI and completes the cycle when you reach your goal. Similarly the weight loss trainer trains and monitors your workout and provides appropriate training and results.



Screenshots of the Project / Photos of Working Model :



Vikrant Dharap
(vikrantdharap94@gmail.com)

Vishal Shingate
(vishalshingate604@gmail.com)

Project Guide: Ms. Janhavi Vadke

Applications :

1. A platform to collect, store and manage data of day to day workout of different people. Also keep record of person's details and gym records.

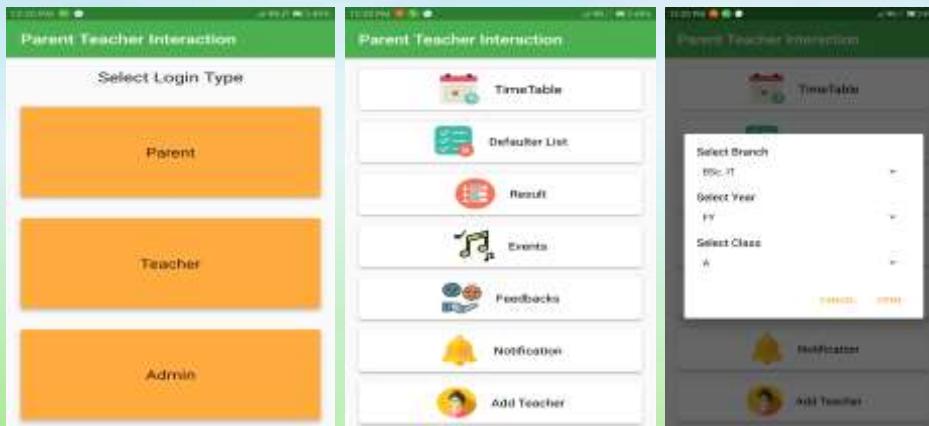
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Parent interaction App (Mobile App)

Brief idea of Project :

Good two-way communication between families and college is necessary for students success. Not surprisingly, research shows that the more parents and teachers share relevant information with each other about a student, the better equipped both will be, to help that student achieve academically.

Screenshots of the Project / Photos of Working Model :



Akshay Surve(Akshayssurve97@gmail.com)
Apurv Patil(Apurv976@gmail.com)

Project Guide: Ms. Janhavi Vadke

Applications :

1. A parent teacher interaction is done through this app.
2. Good two-way communication between families and college for benefit of students.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

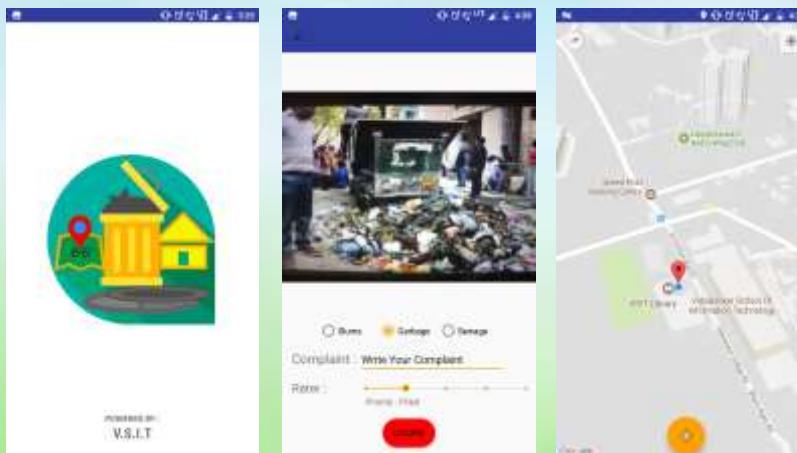
Sewage and Garbage Action and Control Portal (Mobile App)

Brief idea of Project :

- As we see Mumbai is a developed city and it has lots of waste created every hour, also we can see the college environment it is so much unhygienic.
- Also during monsoon the water flows on the road due to choke up of gutters/sewages which causes traffic or say a very catastrophic conditions for us Mumbaikars.
- So we came up with an idea to reduce this garbage and sewage problems as this problems leads to health and economic problems.



Screenshots of the Project / Photos of Working Model :



Bhavesh Mistry
(mstrybhavesh90@gmail.com)

Prathamesh
Rege(prathameshrege28@gmail.com)

Project Guide : Ms. Ketaki Ghawali

Applications :

- This app will be used by the common people wherein they can file the complaint about garbage and sewage problem with the help of location tracker
- The user can also set the garbage and sewage priority, whereas user can post images of the garbage and sewage.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

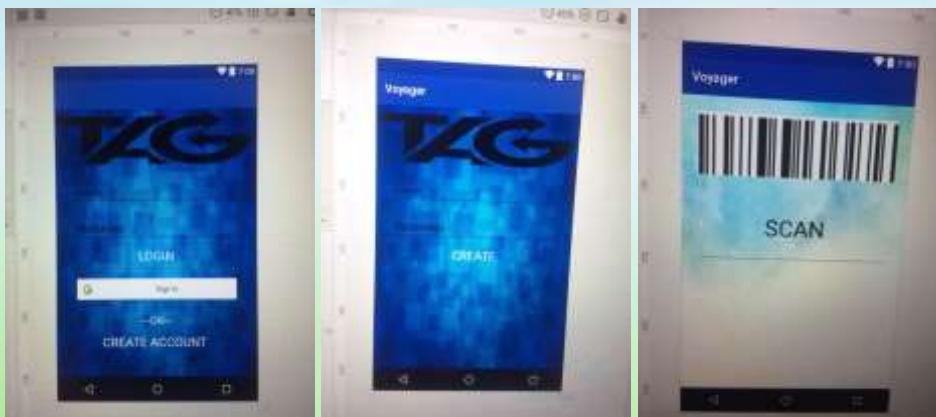
NFC Based Attendance System (Mobile App)

Brief idea of Project :

Our project makes use of the NFC reader which is available in all smart phones to make the attendance marking system easier. The student have NFC chips built in their Identity cards in which their name and roll number will be stored. The teacher provides NFC reading device to the students to mark their attendance. The student have to place their identity cards on the device and their attendance will be marked. The details and record of the attendance can be retrieved from the application. This makes it easier for both the teacher and students to mark attendance and keep the records safe.



Screenshots of the Project / Photos of Working Model :



Subin Menon (subinmenon97@gmail.com)
Unnath Rajula(unnathrajula@gmail.com)

Project Guide : Ms. Ketaki Ghawali

Applications :

1. To mark the attendance easily.
2. To keep the attendance record safe and secure.
3. To fetch attendance details of the students

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Student Council Application (Mobile App)

Brief idea of Project :

The Project "Student Council Application" is a software application that operates as a medium between the students and college extra-curricular activities. The Student Council Application allows user to access all the information for Upcoming Events and register for them simultaneously. With this Application, the students have no longer wait for the notices to be passed around while lectures are conducted. The Student Council Application saves the paperwork for registration for Students extra-curricular activities.

Screenshots of the Project / Photos of Working Model :



Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018



Umeeksha Sharma
(umeeksha.sharma@gmail.com)
Kejin Thosani (kejin16@gmail.com)

Project Guide : Ms. Kimaya Shelar

Applications :

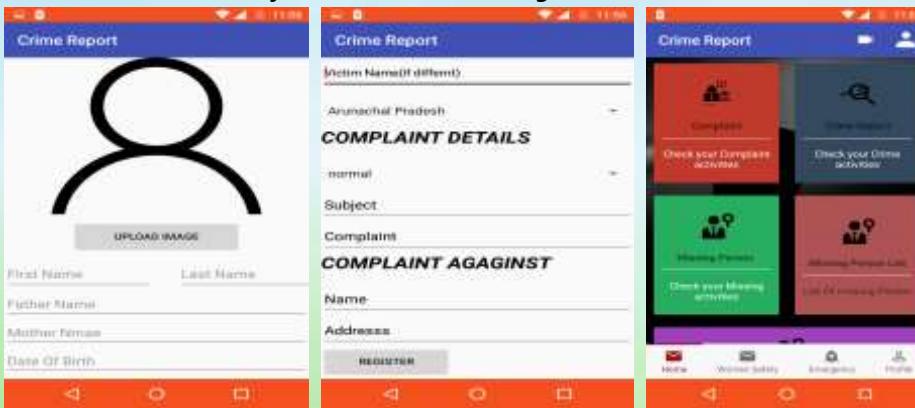
1. A platform to connect the students and college extra-curricular activities.
2. The Student Council Application saves the paperwork for registration for Students extra-curricular activities.

Crime Report App (Mobile App)

Brief idea of Project :

There has been a swift growth in crime rate in last few years. The application is a social crime report application. For instance, if you want report a missing person so instead of printing pamphlets one can post it on the app which will indeed reduce paper work and aid the police department for rapid actions. The application also serves for women safety since they can buzz for assistance by refereeing the location or image(if possible) in case of uncertainty.

Screenshots of the Project / Photos of Working Model :



Pravin Ghadge
pravinghadge72@gmail.com)
Bhaskar Sharma
(sharmabhaskar567@gmail.com)

Project Guide: Mrs. Leena Jadhav

Applications :

1. Missing persons: relatives missing complaints can also be registered here which will be visible to the clients of this application and helps to identify the person soon as possible.
2. Complaints: Any person can make complaint against any crime.

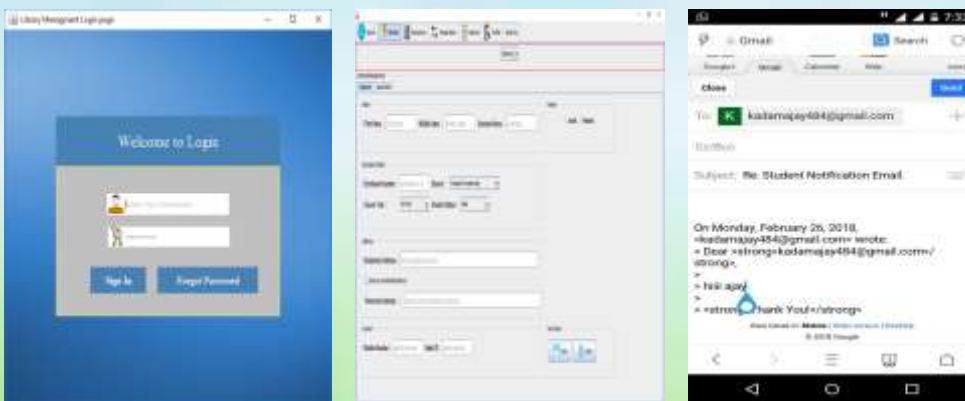
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

App For Library (Mobile App)

Brief idea of Project :

The project "Library Management System" is developed in java which mainly focuses on basic operations in library like adding new member, new book, and updating new information searching books and members and facility to borrow and return book. Our software easy to use for both beginners and advanced users. This project aims to develop library management software system for large collection of books, past year project (black book), past year's exam papers.

Screenshots of the Project / Photos of Working Model :



Rohan Chinkate
(imrohanchinkate@gmail.com)
Ajay Kadam (ajaykadam702@gmail.com)

Project Guide: Mrs. Leena Jadhav

Applications :

1. If student is issuing book then that notification will go to librarian and also student. When the validity get ends then that student will notified by sending notification(message).

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

DocAndi (Mobile App)

Brief idea of Project :

An android app which can be used in medical as well as pharmacy centre) to supply or selling medical products and medicines to customers. These app will helps clients side as well as server side to track orders of products. The app consist of many features like real time database, order direction on map, SOS modes for emergency, scanning barcode facility, real time notifications panel, medicine reminders and etc. The app embed with firebase so real time messaging also available.



Screenshots of the Project / Photos of Working Model :



Manish Kamble
(manishkamble191995@gmail.com)
Mahesh Sawant
(sawantmahesh59@gmail.com)

Project Guide : Ms. Pallavi Tawde

Applications :

1. A platform to connect local peoples and medicals online.
2. 'App can be use on company level for tracking orders.

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

Sportlytics (Mobile Application)

Brief idea of Project :

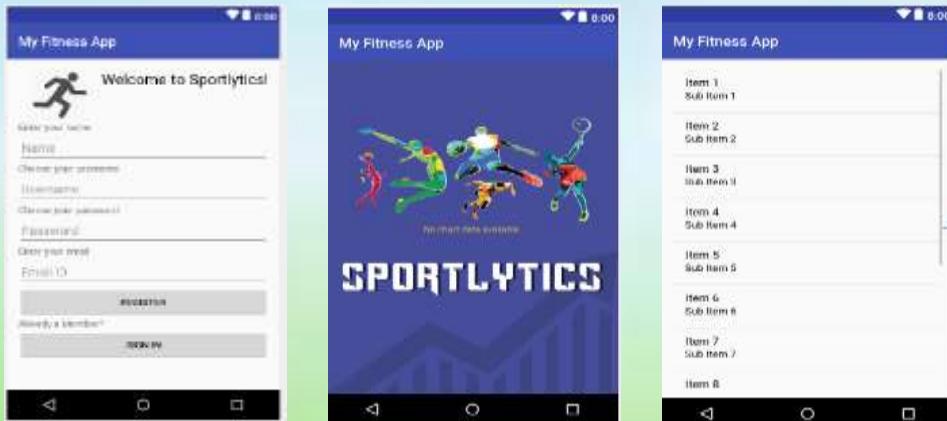
With the Sportlytics app, you always have your University Sports Events in your pocket. Get up-to-date information, news, live feed, upcoming tournaments, events.

CENTRE INFORMATION - Information such as opening times, facilities and room hire are always available in the app and can be easily e-mailed to friends.

Tournaments Schedule - Get real-time access to your centre's timetable for classes, including times, trainers, studios and class description.

EVENTS - Listings for upcoming events along with booking information ensure you never miss out.

Screenshots of the Project / Photos of Working Model :



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



Akhil Dalvi (dalviakhil99@gmail.com)
Navin Jaitapkar (navinbrasiljr@gmail.com)

Project Guide :Ms. Payal Shah

Applications :

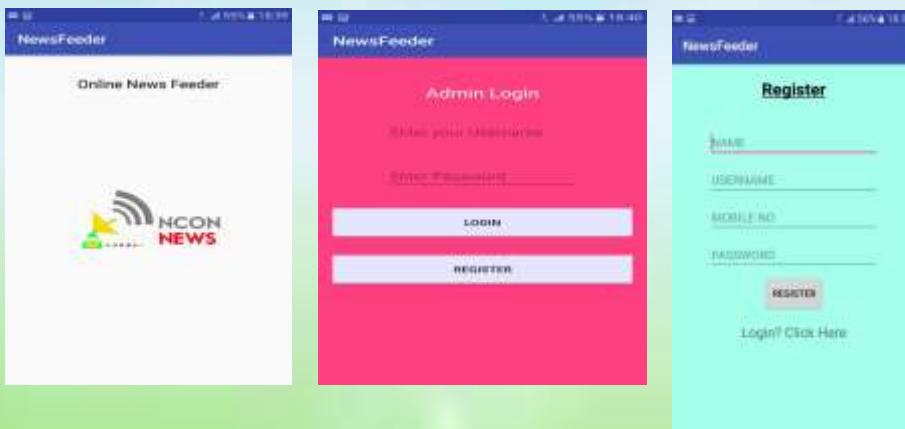
1. A platform to connect Players and Sports Talent scout online as well as offline.
2. Analytics can help Talent Scout to analyse and predict players performance.

NEWS FEEDER (Mobile App)

Brief idea of Project :

It is a App which reduce the time and effort needed to regularly check sites for updates, creating a unique information space or "personal newspaper". Once subscribed to this App, user will be able to check for new content or updates for user-selected categories and retrieve the update. This App can be used by the Registered users to view the relevant news updates. The Registration is free of cost.

Screenshots of the Project / Photos of Working Model :



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



Sagar Kudpe
(sagarkudpe2210@gmail.com)
Sudhir Gurav
(sudhir.gurav93@gmail.com)

Project Guide : Ms. Prachi Mahajan

Applications :

- It helps to share Up-to-Date Content to registered users.

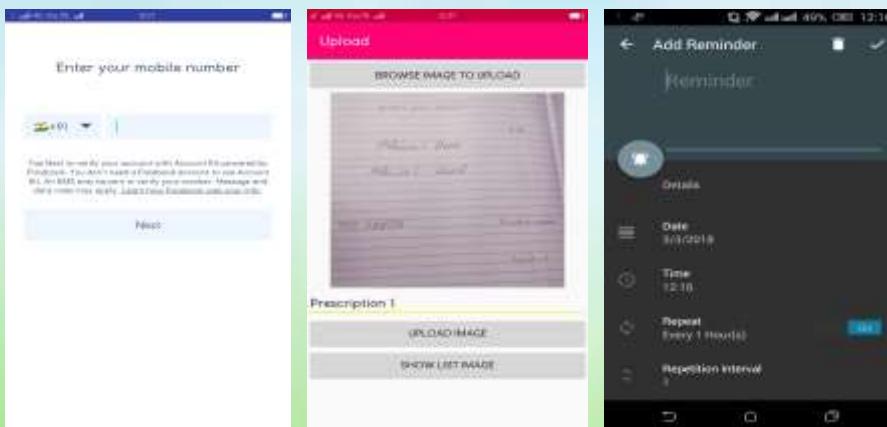
Pharmatic- Medicine Vending App(Mobile Application)

Brief idea of Project :

With Pharmatic app you can order healthcare products ,over the counter products and medicines (on valid prescriptions) and get them delivered to your doorstep. You can also book health tests and packages from the convenience of your home. It has various features like **Medicine Orders**, **Diagnostic Tests**, **Healthcare Products**, **Monthly Refills**, **Medicine Guide**, **Reminders**.



Screenshots of the Project / Photos of Working Model :



Taher Unwala (utaher3@gmail.com)
Saud Mukri (saudparvez13@gmail.com)

Project Guide : Mr. Rajendra Patole

Applications :

1. A online medicine vending app for costumer ease and easy availability.
2. Senior citizens can easy order medicine from there home.

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

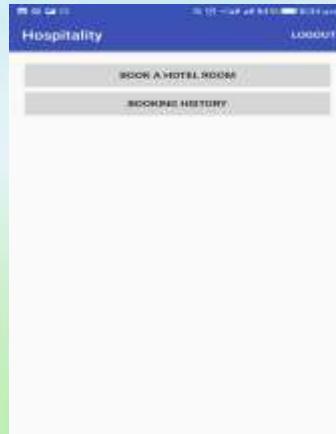
Guest Tracking and Hospitality Management System (Android App.)

Brief idea of Project :

With this application Hotel owner can easily track customer and ready with all requirements asked by the customer. Here online booking is possible according to customer needs.



Screenshots of the Project / Photos of Working Model :



Aniruddha
(aniruddhanarkar55@gmail.com)
Abhishek
(abhishektanavade33@gmail.com)

Project Guide : Mr. Rajendra Patole

Applications :

1. A online app for costumer ease and easy availability.
2. Customer can easily book services from any location.

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

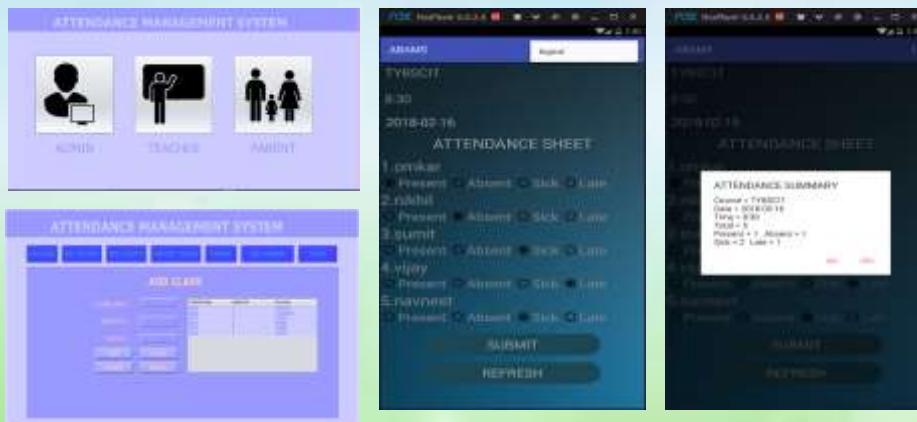
Android Based Attendance Management System (Mobile App)

Brief idea of Project :

We have seen over the years that the process of manual attendance has been carried out across almost all educational institutions. The process is not only time consuming but also sometimes inefficient resulting in the false marking of attendance. Today, we need not maintain pen and paper based attendance registers. Following this thought, we have proposed an attendance monitoring system based on the concept of web services which is implemented as an Android mobile application that communicates with the database residing on a remote server.



Screenshots of the Project / Photos of Working Model :



Vijay Rao (vijayaorock@gmail.com)
R.Navneeth(nrajkumar184@gmail.com)

Project Guide : Ms.Rohini Desai

Applications :

1. Everyday trainee attendance in colleges, workplaces and institutes.
2. Dynamic functionality.

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

Safe Driving Using Mobile Phones (Mobile App)

Brief idea of Project :

The main aim of the project is to design a mobile application with driving mode feature. Whenever the engine ignited and vehicle engine in running mode application will get activate .It'll track the location of car, then after this received mobile phone will set in the driving mode. And then the application automatically manages the incoming phone calls. When the call is coming to the person, this system disconnects the call and sends SMS message to the caller as the user is under driving mode or under busy mode. This feature helps in avoiding the unnecessary calls (like customer care etc.), also avoids accidents when the user diverts from driving the vehicle. If the same caller will call thrice then the mobile will get ring.

Screenshots of the Project / Photos of Working Model :



Trupti Zure (trupti.zure08@gmail.com)
Mansiha Selvaraj
(manishaselvaraj1@gmail.com)

Project Guide : Ms.Rohini Desai

Applications :

1. It can automatically send SMS messages based on the preset conditions.
2. It automatically manages the incoming phone calls. This feature helps in avoiding the unnecessary calls also avoids accidents when the user diverts from driving the vehicle.

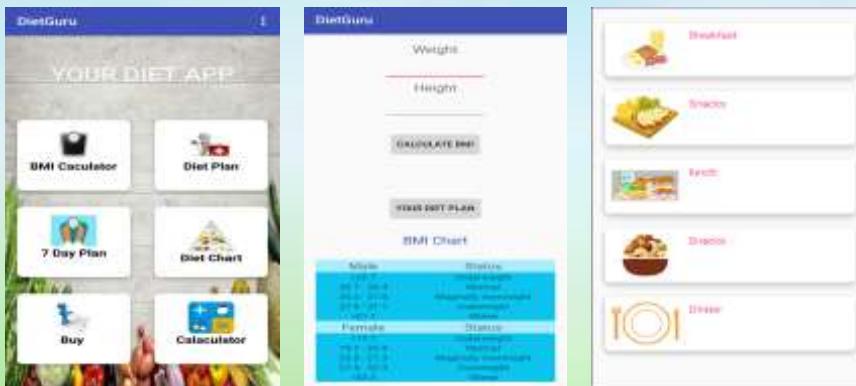
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Dietician App with e-commerce support(Mobile App)

Brief idea of Project :

The online dietician app with e-commerce support is about to provide proper human diet according user enter data as well as the user can buy a diet kit through application if they want. The system asks all this data from the user and processes it to provide the diet plan to the user. No need of consulting doctor for diet plans. One has to be sure about their details while entering fields like age height weight working hours and many more otherwise this system would give results that is not suitable for user if not sure about what they entered.

Screenshots of the Project / Photos of Working Model :



Paramjeet Rawat
(paramjeetarjunsinghrawat@gmail.com)
Pankaj Ahire(saurajahire@gmail.com)

Project Guide : Ms.Rohini Desai

Applications :

1. Doctors and medical students also can use this application.
2. This application can be used by any common people.

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

E Study Content(Mobile APP)

Brief idea of Project :

The app leads you the world of knowledge. After logging in the app scans the mobile for pdfs and displays a list of all the pdfs available on your phone. You can access your study material from anywhere. Pdfs are stored in Local device itself. Internet connection is needed to log into the application. Each user can register within the app with a unique id and password. There is also a limit to number of incorrect login after which the user cannot log in. We can also search for a specific word through each pdf.



Screenshots of the Project / Photos of Working Model :



Pranay C Pingale
(pranaypingale07@gmail.com)
Tanmay Rane(tanmayrane57@gmail.com)

Project Guide : Ms.Rohini Desai

Applications :

1. User can browse through pdfs
2. Can search within pdfs
3. Each new user can register within the app with unique id and password

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

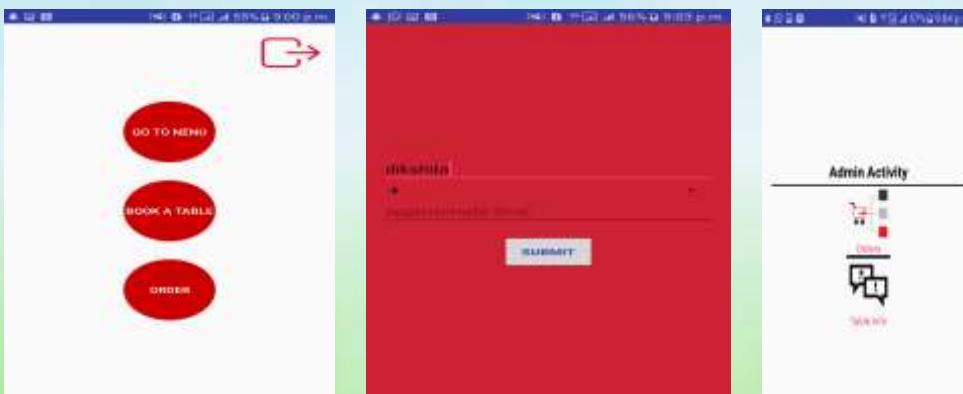
Table Reservation & Food Ordering (Mobile App)

Brief idea of Project :

This application will help users book a table at Dwarka Veg Delight Restaurant. One can also place food order before reaching the restaurant. This application will help save customers time. It will also save work of waiters as they would only have to serve the food after it is ready. The customer can also book a table only if he wishes to. They can add items to their order later on. They will have to pay 30% of the total amount while placing the order online. Payment has to be done through the restaurant wallet.



Screenshots of the Project / Photos of Working Model :



Dikshita Poojari
(dikshapoojari97@gmail.com)
Chinmay Jamsandekar
(chijammy32@gmail.com)

Project Guide : Dr. Sarika Chouhan

Applications :

1. This Mobile Application can be used for table reservation.
2. It can also be used for placing food order before reaching the venue.

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

Application for Student Teacher Interaction (Mobile App)

Brief idea of Project :

A user friendly android mobile app which keeps the students stay connected with the updates and notifications of the institution. App can be installed in any android version of an android device wherein every student will be given with the login credentials to access the application. Application supports the admin, faculty and students to post time table of exams, declare results, provide feedback to the faculty, updates on scheduled placements, post study materials to the students and so on with all rights given for admin and read only access to student.



Screenshots of the Project / Photos of Working Model :



Jayshree Maheshwaram
(jayshree2997@gmail.com)
Manali Ilag (manaliilag@gmail.com)

Project Guide :Ms.Seema Bhatkar

Applications :

1. An effective application which keeps the students and Faculty stay connected online with all the relevant updates and notifications.
2. Even parents can view the updates of their son/daughter.

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

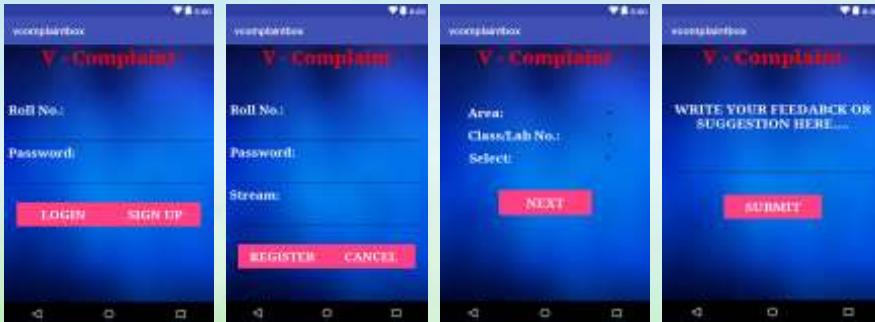
V-Complaints Box (Mobile App)

Brief idea of Project :

The "V-Complaint Box" android app is used by the students, faculties and any other staff member of the college. In this android application student or any other member of the college can access and register their complaint regarding any computer failure, AC failure, cleaning process, etc.

This service is conveniently grouped and developed specifically for use on Android device. All the operation may perform when the internet connection is available.

Screenshots of the Project / Photos of Working Model :



Sudhir Dige (sudhirdige9@gmail.com)
Twinkle Sabat
(twinkle.sabat97@gmail.com)

Project Guide :Ms.Seema Bhatkar

Applications :

1. This application provides a platform to students where students can register and view their complaints regarding college infrastructure.
2. The admin can view and change the status of the complaint.

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

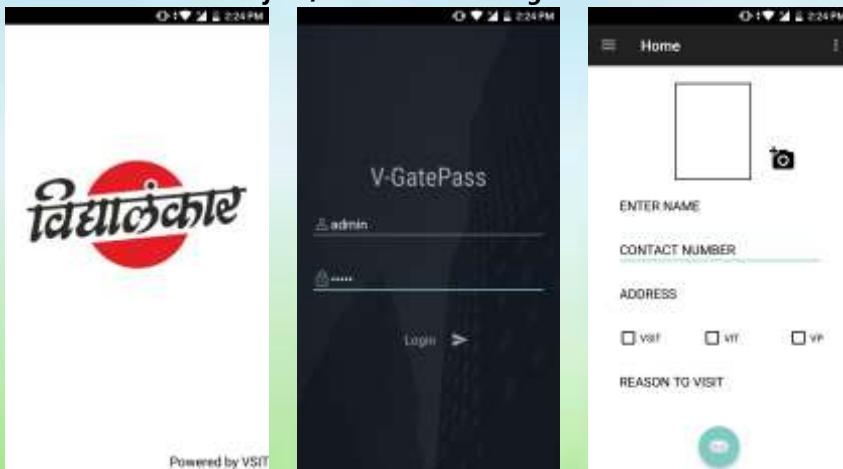
Gate Pass (Mobile App)

Brief idea of Project :

V-Gate pass is an android application for keeping track of visitors and their vehicles if any that enter the college premises. Instead of maintaining a written register, information is stored in a digital format. The application stores data in local servers of college. The application also takes photograph of the visitor and their vehicle if any. The application sends SMS to the visitor as a proof that the visitor is authorised to enter the premises. This makes the whole process of keeping record of visitors paperless.



Screenshots of the Project / Photos of Working Model :



Ronit Gaikwad
(ronitgaikwad.rg81@gmail.com)
Shubham Chavan
(shubhamchvn088@gmai.com)

Project Guide :Ms.Seema Bhatkar

Applications :

1. Replaces the traditional method of maintaining registers of visitors information.
2. Takes photographs of visitors.
3. Provides a SMS authorisation instead of any paper ID.

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

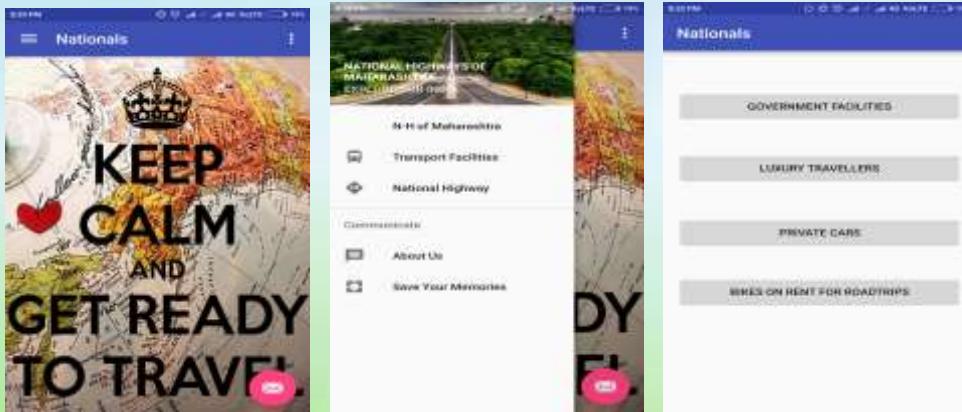
National Highway go pro (Mobile App)

Brief idea of Project :

National highway application is a map based application. Using this application you can find out the route of the National Highways. It also lets you to find distance between two places. It helps you to find the major cities along the national highway. The number of toll plazas in any NH in Maharashtra is mentioned in the app. The Added facility is the transport facility provided in the application which gives the chance to the user where the user can select any transport medium like Government buses, Private bus, any private cab or also can rent a bike to travel from point to point on National Highway with toll rates. The application is user friendly and will give the best satisfying output.



Screenshots of the Project / Photos of Working Model :



KrishnaDate(krishnade97@gmail.com)
FaijShaikh (shaikhfaij33@gmail.com)

Project Guide :Ms.SeemaVishwakarma

Applications :

1. You will find all highways information of Maharashtra at one place.
2. User will have all the data of the surrounding cities on highway and a list of major cities.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Project presented in Tantra -Vihar

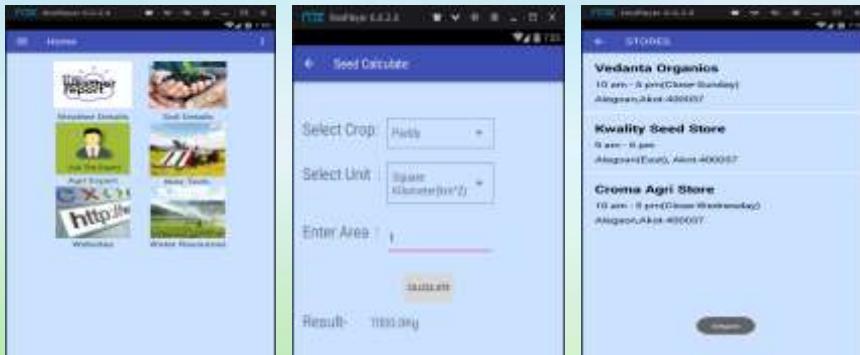
Agriculture Help (Mobile App)

Brief idea of Project :

The app provides the information related various crops, soils and weather , which will be easily available to the rural people who are illiterate about agricultural methods. The app consist of calculation part to calculate the seeds that are needed for particular area which is entered by user in Hector, Acre, Square meter, Square mile, Square feet or Square Kilometer. The user can also get details about fertilizers and pesticides with an expert module to get details with the expertise of that domain.



Screenshots of the Project / Photos of Working Model :



KrishnaDate(krishnade97@gmail.com)
FaijShaikh (shaikhfaij33@gmail.com)

Project Guide :Ms.SeemaVishwakarma

Applications :

1. A platform to provide information related to Agricultural needs.
2. Beneficial for farmers and other peoples.

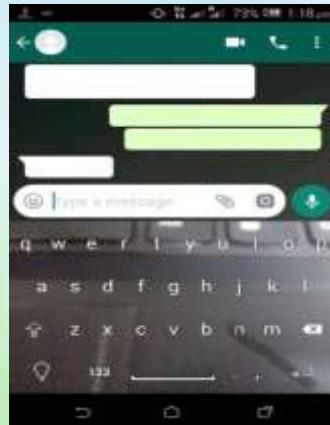
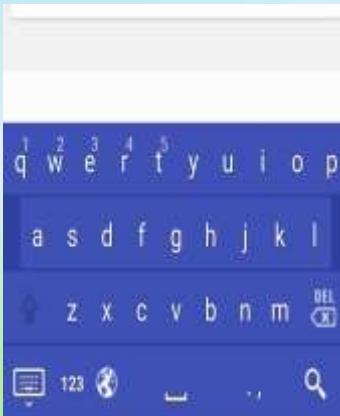
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --Project presented in Tantra -Vihar

Walker Board (Mobile App)

Brief idea of Project :

In today's world, texting has become a major medium of communication. From setting up formal meetings to deciding on a dinner place with friends, texting has got everything covered. People wouldn't stop texting even while walking which might result to life threatening accidents. This paper thus gives an idea about how the present resources could be efficiently be integrated in an application to minimize the risks of texting and typing simultaneously.

Screenshots of the Project / Photos of Working Model :



Shubham Gurav
shubhamgurav143@gmail.com)
Uday Jumare
(udayjumare01@gmail.com)

Project Guide :Ms. Snehal Tandale

Applications :

1. Android Application to Integrate Rear Camera Feed to any Application requiring Typing.
2. Helps User to Identify any Obstructions on his/her way to avoid any Accidents.

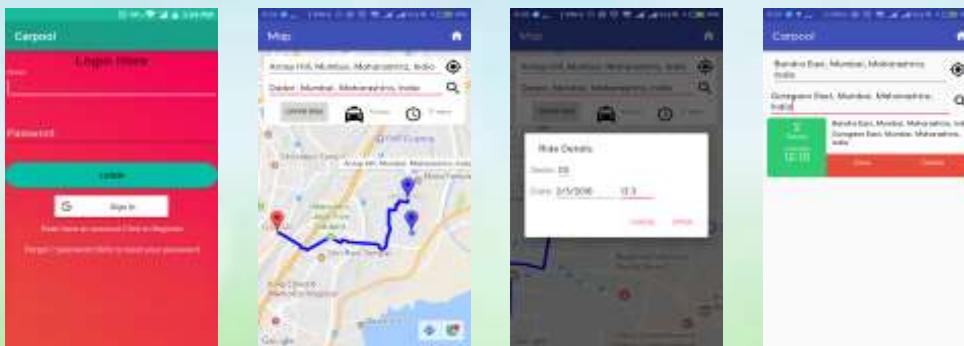
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Carpool App (Mobile App)

Brief idea of Project :

Carpooling is an eco-friendly medium for travelling. This is an Android app developed using Google Map APIs, Firebase as Database. This app will help the user to share his ride as well as pool the ride offered by others. This app has features like Offering rides, Requesting for the Ride, Editing user profile, Secured Authentication, Mobile Verification, Finding direction, calculating distance and duration for ride.

Screenshots of the Project / Photos of Working Model :



Satyam Jaiswal
satyamjaiswal97@gmail.com
Rahim Sheikh
(rahimsheikh7000@gmail.com)

Project Guide :Ms. Snehal Tandale

Applications :

- A platform where user can share his car ride with others.

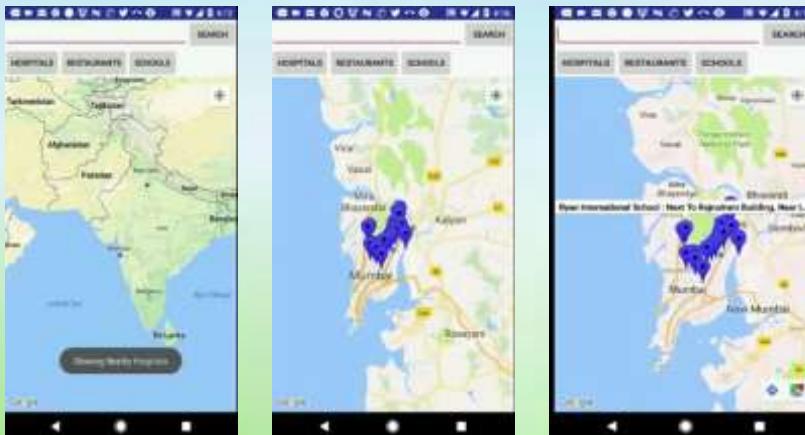
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

ROADSIDE ASSISTANCE (Mobile App)

Brief idea of Project :

As lot of people face problems like finding nearest Garage or petrol pumps, etc while driving at unknown places.. So we have developed an mobile application which will show the nearest Garage, Restaurants, Hospitals, Bank, Atm, etc. Its an online as well as offline application which will help people getting the nearest resources available.

Screenshots of the Project / Photos of Working Model :



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



Hrutiya Shinde
(hrutujashinde12@gmail.com)
Shruti Patil (shrutipatil1221@gmail.com)

Project Guide :Ms. Snehal Tandale

Applications :

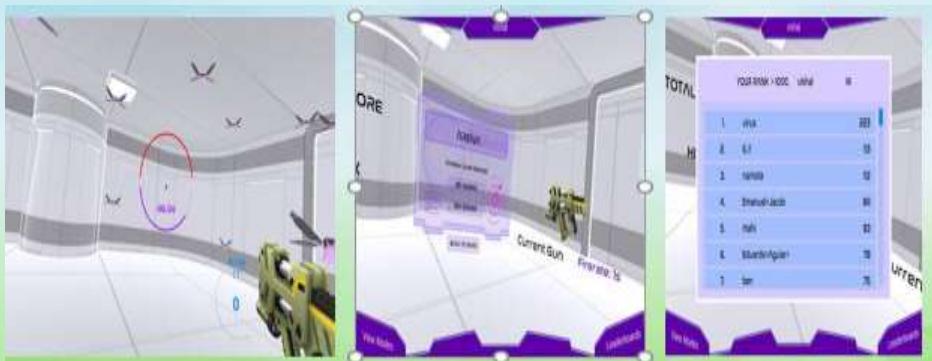
- A platform for finding nearest resources online as well as offline.

Heligons VR (Mobile Application)

Brief idea of Project :

It is a basic virtual reality game based on unity software with C# language .This is a basic VR and also Gyro mode game which allows the player to score good high score and also check yourself on the leader board. They can also change the mode to Gyro and VR as well.

Screenshots of the Project / Photos of Working Model :



Onkar Patil (onkar.patil22@gmail.com)

Project Guide :Ms. Spruha More

Applications :

1. It allows player to select the mode i.e Gyro or VR.
2. It is based on C# language and on unity software.

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

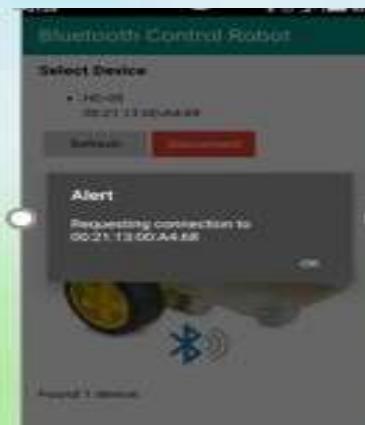
Robot Controlled By Android Application(Mobile App)

Brief idea of Project :

Project proposes a robotic vehicle that can be handled remotely through an android based device. The control device is integrated with a Bluetooth device that allows capturing reading commands. The robotic vehicle may then operated as desired as commanded through android application. The controlling device may be any android based Smartphone /tab etc having an android OS . The transmitter uses android application required for transmitting data. The receiver end reads these commands and interprets them into controlling vehicle. The android device sends commands to move vehicle in forward, backward, right and left directions. After receiving commands ,microcontroller then operates the motor order to move vehicle.



Screenshots of the Project / Photos of Working Model :



Pankaj (pankajkhapar90@gmail.com)
Akash (akashlembarkar@gmail.com)

Project Guide :Ms. Spruha More

Applications :

1. Robot controlling board with Atmega328p microcontroller and l293d motor driver
2. The android controlling system provides a good interactive GUI .

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

Embedded/ IoT

The Internet of things (IoT) is the internetworking of physical devices, vehicles (also referred to as "connected devices" and "smart devices"), buildings, and other items—embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data.

IoT allows objects to be sensed and/or controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit in addition to reduced human intervention.

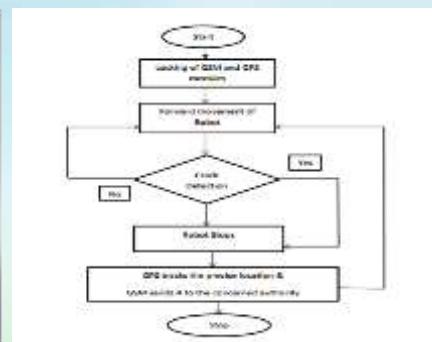
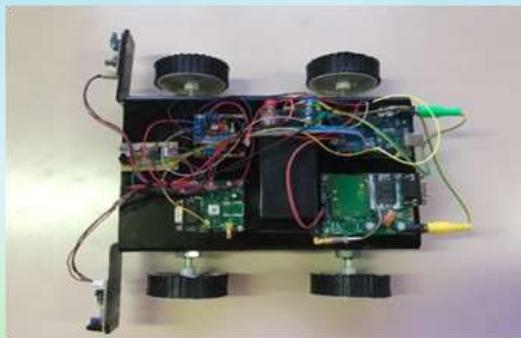
When IoT is augmented with sensors and actuators, the technology becomes an instance of the more general class of cyber-physical systems, which also encompasses technologies such as smart grids, smart homes, intelligent transportation and smart cities. Each thing is uniquely identifiable through its embedded computing system but is able to interoperate within the existing Internet infrastructure.

Crack and Obstacle detection robot (Embedded/ IoT)

Brief idea of Project :

Crack detection robot is a hardware based model used to detect cracks and obstacles in a railway track. The robot finds its applications in operations where the possibility for service men to enter the areas is very less to perform crack and obstacle detection functions. For now the field of crack and obstacle detection is in its infancy age. There has not been subsequent research about this emerging technology and only few projects have been implemented.

Screenshots of the Project / Photos of Working Model :



Ramnath (ramnath1996@gmail.com)
Kaustubh (kaustubhmohite96@gmail.com)

Project Guide: Ms. Akshatha Jain

Applications :

1. Can be used to have a complete survey of railway tracks for periodic maintenance.
2. Useful for working environment requiring operator's attention permanently

Home Automation (Embedded /IoT)

Brief idea of Project :

Home Automation is soon going to be the next big thing. In some parts of the world, it already is. Automation is not just switching lifeless things on/off but its about keeping connected to home all the time. Considering the aspect of comfort zone, security, and the prevention of wastage of resources, we design a Home Automation system on the perspective of keeping a track on your home and surrounding area of home. We have built a connected home. That notifies trespassing when one is not at home. Other useful information like current water level in storage tank would be made available to the home owner. We have an auto-garden lights system based on daylight lux level. Home owners can not only be informed about their home, but at the same time save useful resources like water and electricity which helps to build greener environment.

Screenshots of the Project / Photos of Working Model :



Swapnil Yesade
(swapnilyesade26@gmail.com)

Mohit Mandavkar
(mandavkarmohit@gmail.com)

Project Guide :Ms. Amraja Shivkar

Applications :

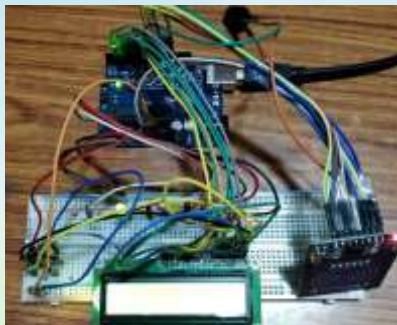
1. Shows current water level in storage tank.
2. Intruder Alert for door by notifying on user's mobile.
3. Lights switching on/off based on occupancy in the area.
4. Garden Lights switching on/off based on Daylight.

Traffic Signal Violation Controller (Embedded /IoT)

Brief idea of Project :

Traffic violations now-a-days are a major problem. Monitoring these traffic violations by human intervention over a wider area is too complicated due to the increasing population. The main motive behind this is to reduce the violations of traffic signals by the vehicles. A E-Challan will be automatically generated when any vehicle crosses the red signal. This E-Challan can be seen on our website by the vehicle owners by just inserting the vehicle number. This will reduce the Man power which will be required for capturing images of the vehicles who violated the traffic signal.

Screenshots of the Project / Photos of Working Model :



Saurabh Patil (patilsaurabh2497@gmail.com)

Tilakraj Manmode
(tilak.manmode@gmail.com)

Project Guide : Ms. Amraja Shivkar

Applications :

1. Automatically detects the vehicle which crosses the red signal.
2. Generates the E-Challan on the Website.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project presented in Tantra –Vihar 2018

Surveillance Drone

Brief idea of Project :

An unmanned aerial vehicle commonly known as Drone, is an aircraft without pilot. Compared to manned aircraft, Drone are originally used for missions too "dull, dirty or dangerous" human. While they originated mostly in military application, their use is rapidly expanding to commercial, scientific, agricultural and other application

Screenshots of the Project / Photos of Working Model :



Manpreet Singh Basur
(msbasur13@gmail.com)

Kunal Patil (patilkunal47@gmail.com)

Project Guide : Ms. Amraja Shivkar

Applications :

1. Drones to capture stunning aerial views.
2. Drones can deliver vaccines & other medical supply to remote location.
3. Drones also can be used for surveillance propose in some areas.

Gas Leakage Detector

Brief idea of Project :

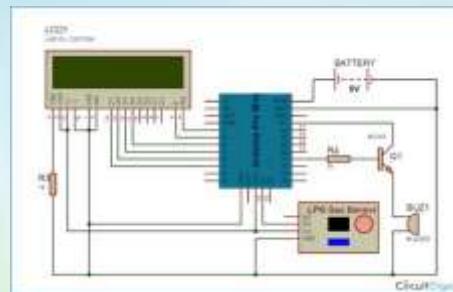
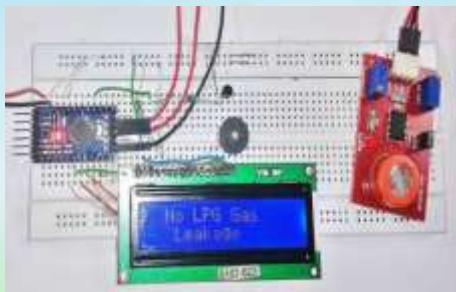
Gas leakage leads to various accidents resulting into both financial loss as well as human injuries.

In human's daily life, environment gives the most significant impact to their health issues. The risk of firing, explosion, suffocation all are based on their physical properties such flammability, toxicity etc.

The number of deaths due to the explosion of gas cylinders has been increasing in recent years.



Screenshots of the Project / Photos of Working Model :



Saivenkat Dommetti(saidommeti@gmail.com)
Sneha Kadam (mail2sneha94@gmail.com)

Project Guide : Ms. Amraja Shivkar

Applications :

1. Detect Gas Leakage (like LPG) using Sensor and Arduino.
2. Sound Alarm – produce sound alert on gas leak.

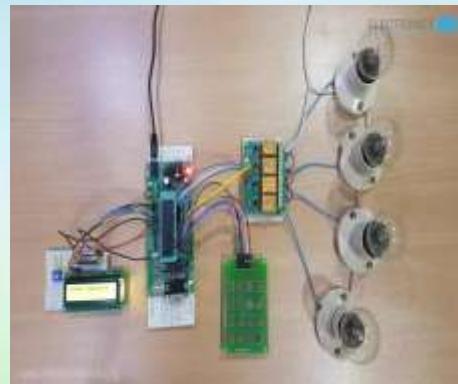
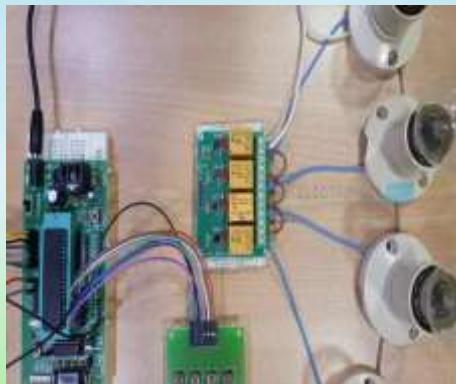
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Password Based circuit breaker with GSM module (Embedded /IoT)

Brief idea of Project :

Nowadays, electrical accidents to the line man are increasing , while repairing the electrical line. This happens due to lack of communication between the maintenance person and the head of the line or line controller. This system will help the maintenance person to himself start or break the flow of electricity on the maintenance. It will work from the linesman mobile phone. So the linesman has all the control of that electrical line.

Screenshots of the Project / Photos of Working Model :



Sumit wagh (waghsumit97.sw@gmail.com)
Omkar mali (omkarmali192@gmail.com)

Project Guide : Ms. Ashwini Koyande

Applications :

1. A system to shutdown the circuit just by entering a password.
2. A system that also will help to decrease the risk of working on high-voltage electrical lines.
3. GSM module is used to control the circuit.

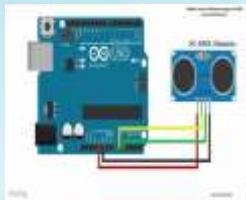
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

IOT Based Garbage Monitoring (Embedded/ IoT)

Brief idea of Project :

This project aims at design, fabricating and implementing an IOT based garbage monitoring system that notifies the concerned authorities about the extent of garbage in the bin and also detect the presence of flammable gases as a result of decomposition of organic waste. A cloud based webpage is used to monitor multiple dustbins at multiple locations. The ultrasonic sensor keeps a continuous track of the level of garbage inside the dustbin. The gas detection module keeps a continuous check on the extent of flammable gases being produced as a result of organic decomposition. The arduino board works as the brain and processes all the sensor data as well as communicate with the serial Bluetooth module.

Screenshots of the Project / Photos of Working Model :



Durgesh Yadav
(yadavdurgesh013@gmail.com)
Ketan Vandre(ketanvandre1997@gmail.com)

Project Guide : Ms.Geeta Sahu

Applications :

1. Remote monitoring of garbage level.
2. Prevent fire due to decomposed organic matter in bins.
3. Efficient monitoring, routing and disposal of garbage by dispatching garbage trucks to the concerned places.

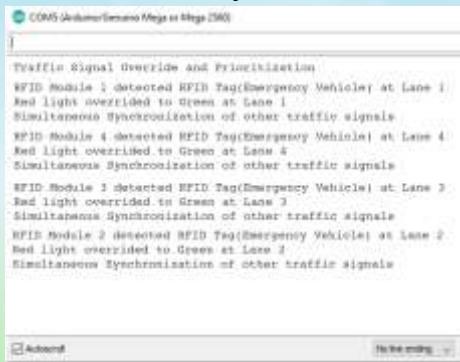
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Traffic Signal Override & Prioritization (Embedded)

Brief idea of Project :

The **Purpose of our Project** is basically to recover traffic congestion on road and to provide a traffic free lane to Emergency vehicles without bringing an Emergency Vehicle to a halt on a Traffic Signal to reach its destination location on appropriate time, and therefore we have developed a SMART TRAFFIC MANAGEMENT CONTROL SYSTEM ie. – Traffic Signal Override and Prioritization ”

Screenshots of the Project / Photos of Working Model :



Rasika Kadam
rasikapratapk097@gmail.com)
Shubham Dalvi
(shubhamdalvi2987@gmail.com)

Project Guide : Mr.Kiran Datar

Applications :

1. To provide - Emergency Vehicle a Traffic Free Lane to reach its destination Location without any delay in time.
2. Going to propose this topic/idea to (Government organization) MUNICIPAL COOPERATION OF GREATER MUMBAI (TRAFFIC DEPARTMENT).

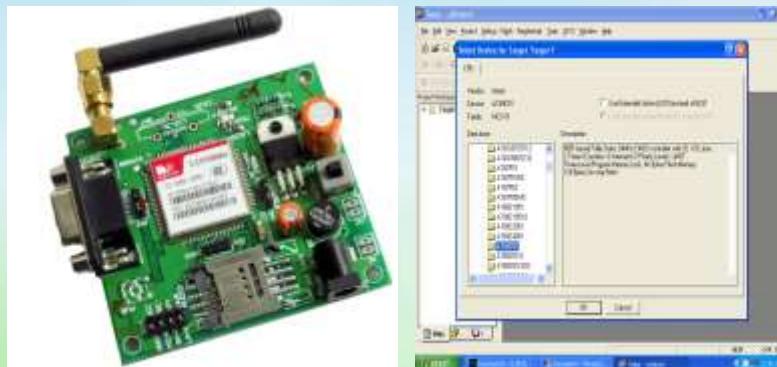
Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018

Vehicle Theft Detection and Remote Engine Locking (Embedded/ IoT)

Brief idea of Project :

The main purpose of this project is to prevent vehicle theft. This functionality is achieved by detecting vehicle status in theft mode and by sending an SMS which is generated automatically. This SMS is then sent to the owner of the vehicle. The owner can then send back the SMS in order to vehicle. How the system works is when a person tries to steal the vehicle, the microcontroller is interrupted and the command is sent to the GSM modem to send SMS. On the receipt of the message, the owner sends back the SMS to the GSM modem. This is done in order to stop the engine. This GSM modem is interfaced to the microcontroller. This microcontroller on the receipt of the message uses a mechanism that helps to stop the engine. Motor is being used in this project in order to indicate vehicle ON/OFF state.

Screenshots of the Project / Photos of Working Model :



Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018



Mahesh Apine (apinemahesh@gmail.com)
Mitali Chitre (mitalichitre1@gmail.com)

Project Guide : Mr.Kiran Datar

Applications :

1. This project can be used in cars, public and private buses, even in bikes and motorcycle.
2. Security is maintained and easy to use.

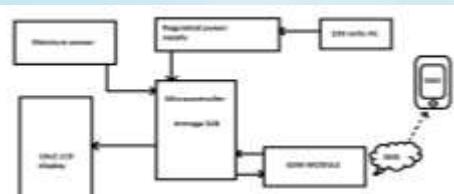
Smart Irrigation (Embedded/ IoT)

Brief idea of Project :

In this 21st century we have seen rapid growth in technology and development. At the same time, we have seen rapid increase in Global Warming. The atmospheric conditions are becoming hard for living things to live peacefully. We have seen floods, and natural calamities which are occurring due to Global Warming.

There is need to use technology to improve the situation. In this century rapid growth in development have destroyed most of forests, and now there is continuous decrease in green lands. Everywhere we are now seeing cement jungle.

Screenshots of the Project / Photos of Working Model :



Siddhi Panchal
(siddhipanchal09@gmail.com)
Deepti Tatewar (diptitatemar@gmail.com)

Project Guide : Mr.Kiran Datar

Applications :

1. It can be used in small scale purposes such as house, nursery.

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

Fencing Scoring System (Embedded /IoT)

Brief idea of Project :

In the sport of fencing, where an electronic scoring machine is used, two players engage in combat with one of three sword weapons include the foil, sabre, or epee. The fencers wear uniform covering the body and masks. The fencer can hit on-target or off-target. Fencing Scoring System ,accurately scoring a fencing match is problematic because the fencers hits are made in milliseconds. Hence, an electronic scoring apparatus is necessary to indicate the hits .

Screenshots of the Project / Photos of Working Model :



Umesh Kelu(sanket26007@gmail.com)
Venkatesh(ankit.jethi47@gmail.com)

Project Guide : Mr. Laxmikant Manchekar

Applications :

1. A platform to connect NGOs, NPOs, donors and locals online as well as offline.
2. People can volunteer for social causes.

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

Project presented in Tantra –Vihar 2018

Density Based Traffic Control System (Embedded /IoT)

Brief idea of Project :

This project is mainly based on density of the traffic on the road .Where IR sensor detects the traffic on the road and according to that the time limit of the green signal on that road is been extended .This will help to clear the traffic on the road as fast as possible. This will lead to control the traffic on the road based on the density of the vehicle



Screenshots of the Project / Photos of Working Model :



Ashwin (ashwinsumithran1997@gmail.com)
Arman Patel (ap219638@gmail.com)

Project Guide : Mr. Laxmikant Manchekar

Applications :

1. Helps to Control the Traffic on the road

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

Project presented in Tantra –Vihar 2018

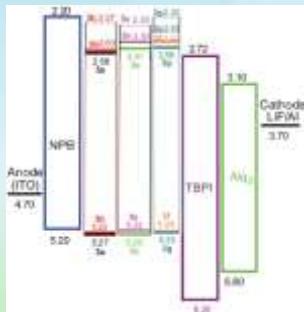
OLED – Live Display for Drivers (Embedded Systems)

Brief idea of Project :

OLED based advanced display glasses for the drivers which will help them to concentrate on driving. It will bring all the required important information right in front of their eyes, so that they will not get distracted while driving.

Organic Light Emitting Diode operate on the principle of converting electrical energy into light, a phenomenon known as electroluminescence.

Screenshots of the Project / Photos of Working Model :



Shivani Sawant (shivanisawant@gmail.com)
Ankita Dhuri (ankitadhuri@gmail.com)

Project Guide : Mr. Laxmikant Manchekar

Applications :

- Helps to reduce car accidents.

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

Visitor Sensor Light with 7-segment Display (Embedded Systems)

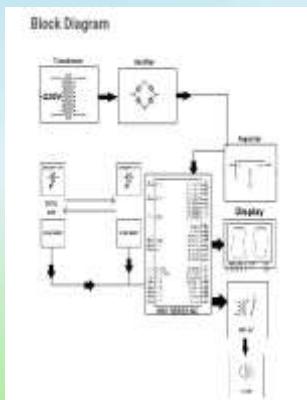
Brief idea of Project :

The system is designed for optimum energy usage by monitoring the number of people present in the room. The electric loads are switched on as soon as someone is present in the room and switches off on detecting no presence.

The system uses Infrared Sensor pairs in order to fulfil this purpose and thus saves a large amount of energy. As soon as a person enters into the room, it is detected by the IR sensor module and this info is fed to the microcontroller. The microcontroller process this input received and switches the load. A small lamp is used to demonstrate as a load.



Screenshots of the Project / Photos of Working Model :



Shivani Sawant (shivanisawant@gmail.com)
Ankita Dhuri (ankitadhuri@gmail.com)

Project Guide : Mr. Laxmikant Manchekar

Applications :

- Counts total number of visitors of event.

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

WITRICITY – Wireless Electric Car Charging (Embedded Systems)

Brief idea of Project :

Wireless electricity or wireless power transmission is one of the emerging technologies today

The idea of this technology is transmitting power from source to any receiver using the free space same as TV and radio transmission or wireless LAN or WiFi. We need to transfer electric power from one end to another end that is from charger to car that also wirelessly.

Screenshots of the Project / Photos of Working Model :



Swapnil (swapnilparab468@gmail.com)
Adhish (adhishp1957@gmail.com)

Project Guide : Mr. Laxmikant Manchekar

Applications :

1. Replace adapter charger by wireless charger.
2. Saves time and increase efficiency

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

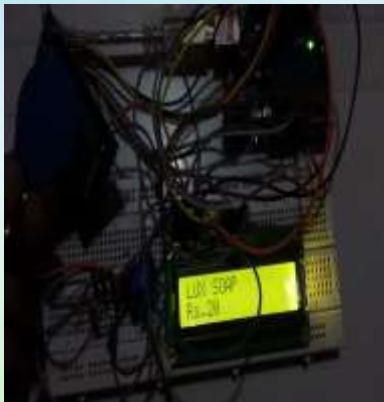
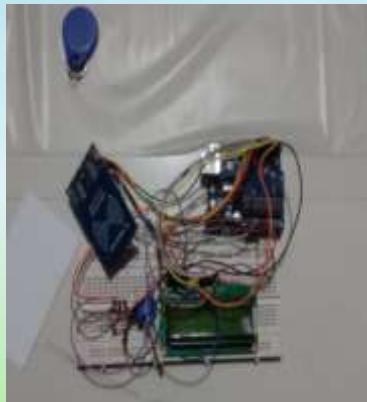
RFID based Smart Shopping Trolley (Embedded /IoT)

Brief idea of Project :

A shopping mall or complex is a place where people buy product/s for their regular use. The customers have to wait in long queues to get their products scanned using barcode scanner and get it billed. To get rid of this, we have proposed a new 'Smart Shopping Trolley using RFID (Radio Frequency Identification)'. This implementation is used to assist a person while shopping and also to avoid standing in long queues and thus saving time. The smart shopping trolley would consist of a Arduino, RFID Reader, RFID Tags and an electronic display.



Screenshots of the Project / Photos of Working Model :



Suraj Thorat(surajthorat772@gmail.com)
Prathamesh Kadam
prathamesh0411@gmail.com)

Project Guide: Mrs. Leena Jadhav

Applications :

1. It saves time
2. Customers get a overview of total bill of what they have purchased

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project presented in Tantra –Vihar 2018

Gas Leakage Detector (Embedded/ IoT)

Brief idea of Project :

There have been many accidents caused because of the gas leakage. People are unaware of the leakage when they are not at home or during night. To overcome this problem we have made a device that will detect gas if its leaking and will send you an alert message on phone about the leakage the device will check for the leakage if the concentration of gas exceeds with the threshold value in the program it will send an alert message on your phone stating that theres been gas leakage at your home the device can also detect smoke in case of fire. When the device detects gas leakage it will switch on the exhaust fan until the gas level comes to the normal level.

Screenshots of the Project / Photos of Working Model :



Adwait Dalvi (adwaitdalvi@gmail.com)
Bhushan Dalvi (bhushandalvi14@gmail.com)

Project Guide : Ms. Madhavi Amondkar

Applications :

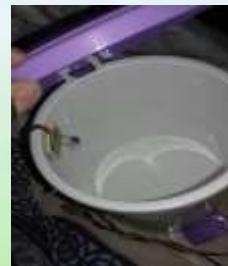
1. It is a Device that is used to Detect the Gas Leakage and Smoke and it will Alert the person using it by an Alert Message on his Phone.

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

Smart Dustbin (Embedded/IOT)

Brief idea of Project : In our daily life, we see the pictures of garbage bins being overfull and all the garbage spills out resulting in pollution. This also increases number of diseases as large number of insects and mosquitoes breed on it. Hence our problem statement is to design a System Based on monitoring the garbage of a particular area –the area whose public Garbage Bins are overflowing with prior concern. • Thus, a big Challenge in the urban cities is Solid waste management- not only in India but for most of the countries in the world. The project gives us one of the most efficient ways to keep our environment clean and green. A combination of two technologies is used in the project. To give a brief description of the project, the sensors are placed in the common garbage bins placed at the public places. When the garbage reaches the level of the sensor, then that indication will be given to Arduino. Arduino will give an indication by updating the GSM Module (Sim-300). This project aims to optimize waste collection and ultimately reduce fuel consumption.. This reduces the cost of overall system. When the dustbin is full of garbage, the gsm module will send a message to cellphone. Here we are using two IR sensor ,where one is placed inside the dustbin while other is placed on the dustbin.The range of first IR sensor is 11cm whereas the range of second IR sensor is 2cm.

Screenshots of the Project / Photos of Working Model :



Shivram Kerkar (kmeghesh@gmail.com)
Vikash Jain(97vikashjain@gmail.com)

Project Guide : Ms. Pallavi Tawde

Applications :

1. In future we can use Bluetooth module through Bluetooth app. This is reducing the cost of dustbin. Because of this it's easy to operate .

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

Bus Detection Device for Blind using RFID (Embedded/ IoT)

Brief idea of Project :

Our research has been drawn as to help common-man and especially the blind people after seeing their daily struggle and come up with a solution which will help this problem to be vanished for the greater good. This paper outlines a bus detection mechanism for blind people to make their travelling less hectic and easier. With the help of an RFID tag and reader blind people will get to know the details of the arrived bus in the form of an announcement through the speaker will be present on the bus-stop. We will also be placing a LCD screen which will display the bus number its source and destination.

Screenshots of the Project / Photos of Working Model :



Tejasree Karnik
(karniktejasree97@gmail.com)
Ruchika Polasa
(ruchikapolasa1031.rp@gmail.com)

Project Guide : Ms. Payal Shah

Applications :

1. Making travelling easy for blind people as well as common-people.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: -- Project presented in Tantra –Vihar 2018

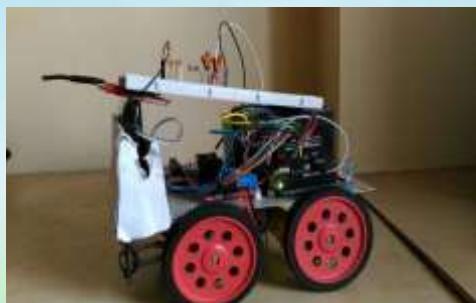
Self Rechargeable long Range Spy Robot (Embedded/IOT)

Brief idea of Project :

The spy robot as its name suggests is the one used for the purpose of spying on enemy territories. The proposed project Self Rechargeable Long Range Spy Robot allows operating a robot irrespective of the distance of the person operating it. In order to make the robot move, the system has two mobile phones, one to control the robot that sends DTMF commands to another mobile phone mounted on the robot vehicle.

Now as we are using this robot for longer distance and a mobile phone is associated with the robot, there are chances that the battery of the mobile may die. To overcome this problem a Rectenna Device is used.

Screenshots of the Project / Photos of Working Model :



Saurabhi Sawant
(saurabhi1997sps@gmail.com)

Dikshita Poojari
(poojaridikshita57@gmail.com)

Project Guide: Mr.Sabir Moin Shaikh

Applications :

1. Implementation of bomb detecting sensor to detect bomb in war prone region.
2. Implementation of gas sensor to find poisonous gases in the environment.

1st Prize in V-Search 2018 / Won Avishkar District Level / Project presented in Tantra – Vihar 2018

Auto Food Serving System (Embedded/IOT)

Brief idea of Project :

Main idea of this project is to have automation in serving of food in Restaurants. The objective behind this project is to decrease man power and manage time related works efficiently. The project aim on working of conveyor belt serving food automatically on the table of the customer and ordering food manually from table to kitchen using LCD display monitor.

Screenshots of the Project / Photos of Working Model :



Amey Rane (ameyrane08@gmail.com)

Nikhil Vetal (nikhil78vetal@gmail.com)

Project Guide: Mr.Sabir Moin Shaikh

Applications :

1. This platform based on automation of food serving.
2. Use less manpower and increase in management of time.

Energy Consumption Monitoring System (Embedded/IOT)

Brief idea of Project :

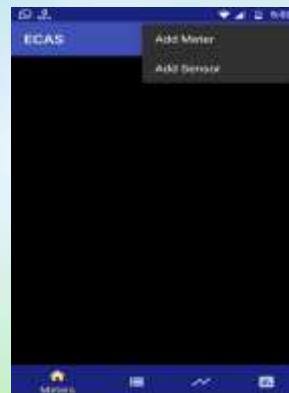
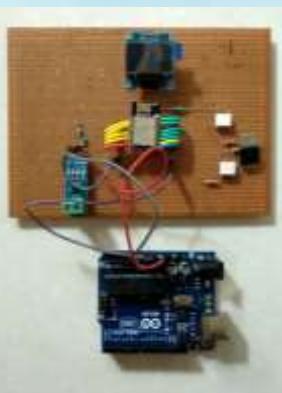
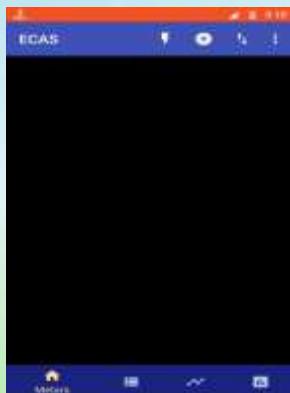
Domestic electricity consumption in India is continuously increasing due to high population and now accounts for two third of the total electrical energy produced in India.

The following system will track the usage of electricity at any point of time in the month to bring the user in the loop and provide household specific feedback.

Allowing the user to see the monetary units on the basis of daily power consumption

This application will provide the user to set a usage threshold, and will notify the user if they are exceeding the limit.

Screenshots of the Project / Photos of Working Model :



Hemant Joshi
(hemantjoshisept1996@gmail.com)
Himalay Patel
(himalaypatel1997@gmail.com)

Project Guide : Mr.Sabir Moin Shaikh

Applications :

1. Providing daily update on household power consumption
2. This system will help in saving and consuming electricity efficiently.

Android Password Based Door Lock(Embedded/IOT)

Brief idea of Project :

The basic idea behind our project is that one can access the door lock smartly through the Bluetooth connectivity to the device. It can also be accessed through wearable smart devices , with a connection key for wireless communication between smart device and the circuit. One can do this simply by entering the password through the bluetooth app .

Screenshots of the Project / Photos of Working Model :



Girish Sawant(rishkddude37@gmail.com)

Om Shelukar(omshelukar103@gmail.com)

Project Guide : Mr.Sabir Moin Shaikh

Applications :

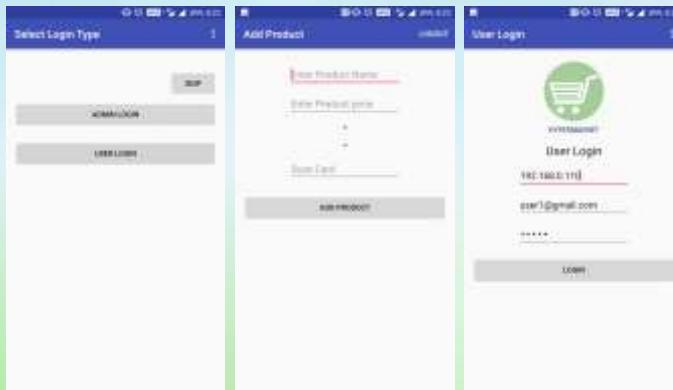
1. This Mechanism can be used for opening garage door, bank door, etc.

Smart Shopping System based on NFC Technology (Embedded)

Brief idea of Project :

The fusion of online and offline trading has become a significant pivot point of the Internet Era. Under the existing operation structure of supermarkets, this project aims to propose a Smart Shopping System based on NFC Technology. This system includes technical support of mobile applications, and users will be able to conduct a series of actions like product searching, pre-ordering and online payment on the mobile app. With NFC users can even pay the bills without credit card which would simplify the purchasing process. This article also proposed a corresponding management platform aiming to optimize the service and administration of the supermarket, which fits the emerging trend of O2O business mode.

Screenshots of the Project / Photos of Working Model :



Sudnya Mali(sudnyamali49@gmail.com)
Adeeb M(adeebmehmood00@gmail.com)

Project Guide : Ms.Seema Vishwakarma

Applications :

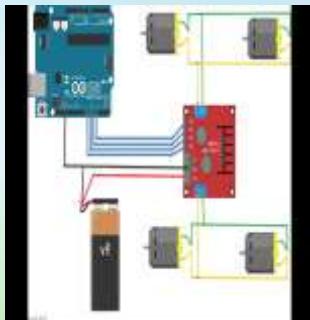
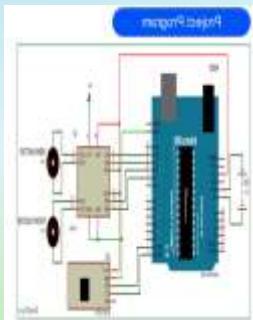
1. A smart supermarket shopping system based on NFC should have advantages including high reliability, real-time interactions, convenience of installation and maintenance as well as high efficiency.

Bluetooth controlled Arduino robot car (Embedded/ IoT)

Brief idea of Project :

Bluetooth controlled car is controlled by using Android mobile phone instead of any other method like buttons, gesture etc. Here only needs to touch button in android phone to control the car in forward, backward, left and right directions. So here android phone is used as transmitting device and Bluetooth module placed in car is used as receiver. Android phone will transmit command using its in-built Bluetooth to car so that it can move in the required direction like moving forward, reverse, turning left, turning right and stop.

Screenshots of the Project / Photos of Working Model :



Dipesh Donur(dipeshdonur@gmail.com)
Arul Raj(arulraj975@gmail.com)

Project Guide : Mr. Shajil Kumar P.A

Applications :

1. The robot is small in size so can be used for spying.
2. With few additions and modifications, this robot can be used in the borders for detecting and disposing hidden land mines.
3. The robot can be used for reconnaissance or surveillance

Smart Product Delivery System (Embedded)

Brief idea of Project :

As name suggests smart delivery system, It is used in order to reduce the human Efforts and deliver more products in a short period of time by a use of a delivering robot which has a QR scanner which will play a effective role in maintaining the security of the product and robot. The robot will use a gps to detect the shortest past and deliver the product to the customer. It will also consist of a IR in order to avoid the obstacles in the path. This project can be used efficiently in reducing the Human efforts.



Screenshots of the Project / Photos of Working Model :



Nikhil Tiwari
(ntiwari616@gmail.com)
Surendra Chouhan
(chouhansurendra88@gmail.com)

Project Guide : Umesh Koyande

Applications :

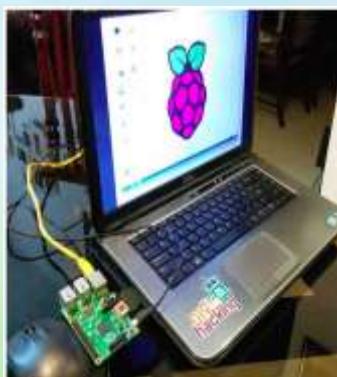
1. Food/Gadget delivery system

PIR SENSORS for Detecting Motion in Closed Environment (Embedded)

Brief idea of Project :

Our Project idea briefly describes about Pyroelectric Infrared sensors used for detecting human motion in a closed environment using Raspberry pi 3. This PIR sensors also helps in detecting the temperature of a particular room using temperature sensor in the circuit. One more advantage of using PIR sensor is that it has inbuilt microprocessor and can save electrical energy upto certain extent. PIR sensors are low cost sensor and are widely used in the embedded projects. Our contribution to the project is PIR sensors using Raspberry Pi as we generally use Arduino for the same.

Screenshots of the Project / Photos of Working Model :



Aishwarya Ambedkar
(aishwaryaaishu3038@gmail.com)
Narendra Venkatesan
(narendrav64@gmail.com)

Project Guide : Umesh Koyande

Applications :

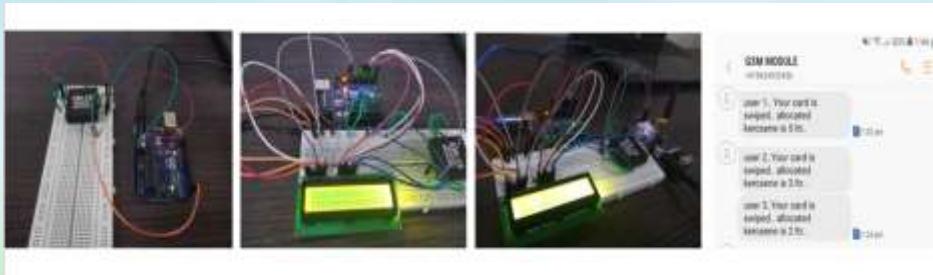
1. Used in Classrooms, closed areas for detecting human motion save electrical energy.
2. This can also be used for security purpose.

RFID Based Kerosene Dispenser System Using GSM (Embedded)

Brief idea of Project :

The Project is about RFID based kerosene dispenser system that allows automatic dispensing of kerosene by using RFID Cards. Every customer is provided with a unique authorized card that is used to record the purchase of kerosene. When Customer scans the RFID Card, the unique RFID number is displayed on LCD and customer receives a message . After successful authorization, customer needs to enter the quantity of kerosene which they requires. The container is placed below the nozzle and the entered quantity of kerosene is dispensed, if in between the container is removed system stops the kerosene supply until container is encountered.

Screenshots of the Project / Photos of Working Model :



Devang Chandivade
(devchandivade@gmail.com)
Neha Kolwankar
(nehakolwankar27@gmail.com)

Project Guide : Umesh Koyande

Applications :

1. Automatic Kerosene Dispenser System

Automated Parking System Using Pallet (Embedded)

Brief idea of Project :

An automated parking system is designed to park the car automatically without any human intervention. Due to urbanization and increasing amount of cars this helps in reducing the space for parking vehicles.

It is completely automatic system which requires no human assistance other than entering car data at parking room. The details about the car gets entered into the database before the car is sent inside for parking.

It is a pallet based system where car is stored on the strong metal pallet and parked inside the storage. The parking system is normally done inside the building. The car that is parked can be retrieved from the same slot whenever the user requires it.

Screenshots of the Project / Photos of Working Model :



Sruthi.Bopparthi
(sruthibopparthi12@gmail.com)
Megha.Rajan
(meghanambiar65@gmail.com)

Project Guide : Umesh Koyande

Applications :

1. Residential or commercialised building's parking

Upcoming Technology

Cloud computing is a type of Internet-based computing that provides shared computer processing resources and data to computers and other devices on demand. It is a model for enabling ubiquitous, on-demand access to a shared pool of configurable computing resources (e.g., computer networks, servers, storage, applications and services), which can be rapidly provisioned and released with minimal management effort.

Artificial intelligence (AI) is an area of computer science that emphasizes the creation of intelligent machines that work and react like humans. Some of the activities computers with artificial intelligence are designed for include:

- Speech recognition
- Learning
- Planning
- Problem solving

Animal Finder (Upcoming Technology)

Brief idea of Project :

Most of the times a Wildlife Photographer has to visit some places to take a picture of a certain animal. They cannot find animal within a minute or seconds they waste there hours for finding one specific animal. This application will help the wildlife photographers/Customers to get the approximate location of the animal. This application will help to save the location of the animal they encountered as well as they can find the approximate location of the animal by searching the animals by their name. This application also contains a Compass for directions. This application will save the time and efforts of the Customer to find the animal

Screenshots of the Project / Photos of Working Model :



Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Project presented in Tantra –Vihar 2018



Shubham Tandalekar
(shubhamtandalekar@gmail.com) Rohan Tandalekar (rohan.tandalekar@gmail.com)

Project Guide : Ms. Kimaya Shelar

Applications :

1. This can be used by wildlife photographer to get the approximate location of animal
2. A user can be aware of an area that can be harmful because of some carnivores animals
3. It contains compass that can help user to get the direction

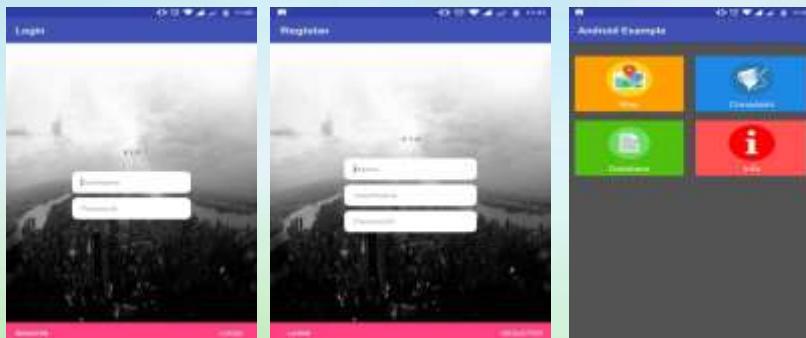
Noise Complaint and Control (Upcoming Technology)

Brief idea of Project :

This project is been undertaken for the ease of Noise complaints and reduction. This project would be beneficial for the police when the amount of noise would exceed the limit. The police doesn't need to roam around with the sound meters with them, in our case the the system installed will detect the increased sound level and send the complaint directly to the nearest police station which will help in proper action to be taken at the right time. This will also help the neighbouring citizens that if have to complain, they will do so directly by using the app which is associated with our project



Screenshots of the Project / Photos of Working Model :



Gaurav Puroao (puraogaurav@gmail.com)
Arjun Bhanushali
(abhanushali29@gmail.com)

Project Guide : Ms. Kimaya Shelar

Applications :

1. Easy way to complaint.
2. Better solution for Noise Reduction and Control.

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

Project presented in Tantra –Vihar 2018

Emergency Backup of Data on Cloud (Upcoming Technology)

Brief idea of Project :

This system works like client server architecture ,where the server is the place we dump the data in case of emergency like fire, earthquake. We are going to build a fire and an earthquake alarm using ATMega328 microcontroller which is interfaced with a temperature sensor, a smoke sensor, an accelerometer sensor and a buzzer. The temperature sensor senses the heat, smoke sensor senses any smoke generated due to burning or fire and the accelerometer sensor senses any change in movements or vibrations of objects arising due to earthquakes. And when fire or earthquake is detected , system will trigger one of the computer system over the WiFi and that computer will take backup of data and upload it to some secure server which is not on premises. And that can be recovered to resume daily operations.

Screenshots of the Project / Photos of Working Model :



Sheeja Sherry(sheeba.sherry45@gmail.com)
Rohit anojia (rohitkanojia077@gmail.com)

Project Guide : Ms. Kimaya Shelar

Applications :

1. Data backups are made in case of emergency cases along with it this can be used to alert people.
2. Data centre are the places where most critical data is stored for organizations and they can be secured with this system.

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

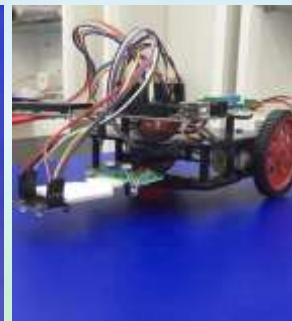
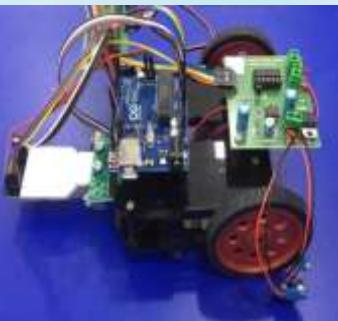
Project presented in Tantra –Vihar 2018

Remote Commanded-Self Operating Robot (Upcoming Technology)

Brief idea of Project :

A step towards the future to replace manual labour effectively. This robot is designed to self travel using a designated path which goes across a set of stops specified in its pathway. Wherein each stop represents a delivery point. After the stop is complete, the robot can be sent an order to return back to its base and await for further instructions. The instructions are sent to the robot using a mobile application which is provided to the client.

Screenshots of the Project / Photos of Working Model :



Shivabalan Nadar
(shivabalan.balakrishnan175@gmail.com)
Shubham Yadav
(shubhamy@gmail.com)

Project Guide : Ms. Madhavi Amondkar

Applications :

1. To automate tasks carried out by a transport executive.

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

Project presented in Tantra –Vihar 2018

Geo Based Call Rejection (Upcoming Technology)

Brief idea of Project :

To Reject the unwanted call according to different location, this application will overcome the drawback of simple rejection list. This application does not take maximum memory to execute. This application will show the current location. The method and apparatus permit a user of a mobile communications device to automatically reject calls according to the user's current location intended to be received by the device. When call is reject opponent has receive a message user is busy .Accordingly user can changed the current location the opponent has notify the user is free or call him.

Screenshots of the Project / Photos of Working Model :



Abhishek More
(abhishekmore74@gmail.com)
Sachin Aatkar (sachinaatkar78@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

1. Reject call according to the location.
2. Profile changes according to the location.
3. When call is reject opponent has receive a message user is busy or something.

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

Project presented in Tantra –Vihar 2018

Vidyalankar Placement Cell App (Upcoming Technology)

Brief idea of Project :

V-place app designed for Vidyalankar School of Information Technology placement cell, Which aims to reduce the amount of manual work needed for maintaining the records of each and every student in Vidyalankar School Of Information Technology. This app is a cross platform app built around Ionic framework. This app allows students to keep a record of all the upcoming events related to placement and to keep a track record of their performance as well.

The app also allows students to maintain a digital resume and can be updated as and when its needed. The app also displays the personal as well as the academic data of a particular student to the admin as well as a guest user. This allows the guest user to shortlist those selected as soon as interviews are over.

Screenshots of the Project / Photos of Working Model :



Ninad Parab (ninad2000@gmail.com)
Gursimran Singh
(gursimransingh.kochhar@gmail.com)

Project Guide : Ms. Mithila Satam

Applications :

1. A platform to connect NGOs, NPOs, donors and locals online as well as offline.
2. People can volunteer for social causes.

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

Project presented in Tantra –Vihar 2018

Wireless Video And Picture Transmitting (Upcoming Technology)

Brief idea of Project :

Our project is about making an embedded devices using raspberry pi zero and raspberry pi zero camera.

The devices is capable of transmitting video picture wireless to a mobile device .

The sport person can use the this device to record the visual data of an project and store it wirelessly to mobile device.



Screenshots of the Project / Photos of Working Model :



Akash Rapolu (akashrapol1234@gmail.com)
Alok Navprabhat (alknavp@gmail.com)

Project Guide:- Ms. Payal Shah

Applications :

1. Portable wireless data transmitting and storing device.

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

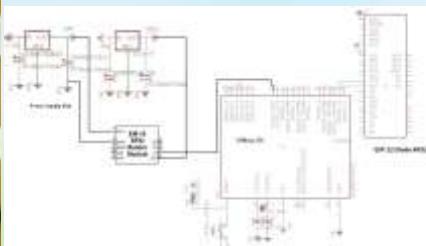
Project presented in Tantra –Vihar 2018

RFID Based Vehicle Speed Control (Upcoming Technology)

Brief idea of Project :

Achieving efficient Cruise Control is not easy on roads or urban streets where sudden changes of the speed limit can happen, due to the presence of unexpected obstacles or maintenance work, causing, in inattentive drivers, traffic accidents. In this project we present a new Infrastructure to Vehicles (I2V) communication and control system for intelligent speed control, which is based upon Radio Frequency Identification (RFID) technology for identification of traffic signals on the road, and high accuracy vehicle speed measurement with a Hall effect-based sensor. A fuzzy logic controller, based on sensor fusion of the information , allows the efficient adaptation of the speed of the vehicle to the circumstances of the road.

Screenshots of the Project / Photos of Working Model :



Poonam Dhondkar
(poonamdhondkar16@gmail.com)
Jancy Rani (jancy9949@gmail.com)

Project Guide : Ms. Prachi Mahajan

Applications :

1. The RFID tag which indicates the vehicle when it enters a speed limit zone
 2. If this can be implemented effectively rash driving and over speeding in the speed limit zones can be reduced to a large extent, thus decreasing the total number of road accidents in our country.

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

Project presented in Tantra –Vihar 2018

Honeypot Intrusion Detection System (Upcoming Technology)

Brief idea of Project :

Global communication is getting more significant every day. At the same time, computer crimes are growing rapidly. A honeypot is basically an instrument for information gathering and learning. A honeypot is a trap set to divert or discover attempts at unauthorized use of information systems. Honeypots do not have any unprotected, unused workstation on a network being closely watched by administrators. Generally it consists of a computer, data or a network site that appears to be part of a network but which is actually isolated and protected, and which seems to contain information that would be of value to attackers.

Screenshots of the Project / Photos of Working Model :



Rohan Shah (shahrohan19@gmail.com)
Pranali Naval (pranalinalavalu@gmail.com)

Project Guide: Ms. Pushpa Mahapatro

Applications :

1. Honeypot can gather detailed information, unlike other security incident analysis tools.

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

Project presented in Tantra –Vihar 2018

Anonymous Voting System (Upcoming Technology)

Brief idea of Project :

Anonymous voting system is a web based application provides a unknown portal to conduct an election on small scale where one can conduct election like electing CR of class or can be used for electing members to run the society . it is been developed on android platform . where front end uses basic HTML tags and back end uses Java .

Screenshots of the Project / Photos of Working Model :



Anushka Mestry
(anushkamestry3155@gmail.com)
Jayesh Patil (jspatil97@gmail.com)

Project Guide: Ms. Pushpa Mahapatro

Applications :

1. A platform to vote anonymously for election in small scale basis.
2. Can be used in society, schools, colleges.

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

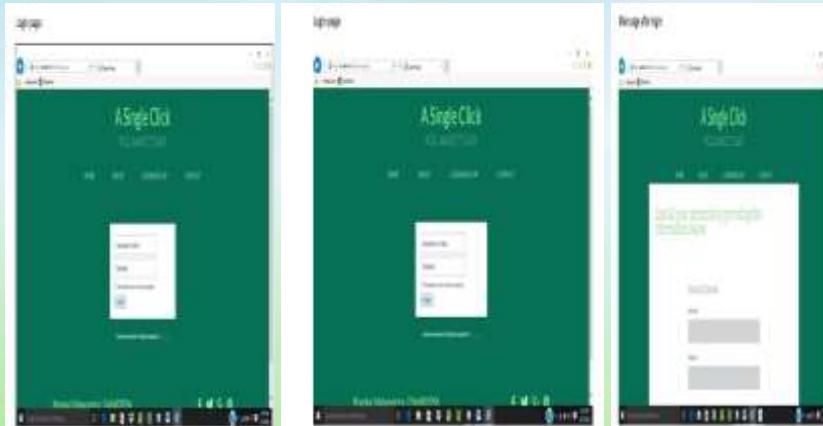
Project presented in Tantra –Vihar 2018

Single Sign On (Upcoming Technology)

Brief idea of Project :

Retyping the username and passwords for different accounts/systems makes it difficult for the user to remember and it also consumes more of our time. Hence to solve these kinds of problems we have Single sign-on (SSO) which is a property of access control of multiple related, yet independent, software systems. With this property, a user logs in with a single ID and password to gain access to a connected system or systems without using different usernames or passwords. It also reduces IT costs due to lower number of IT help desk calls about passwords. SSO shares centralized authentication servers that all other applications and systems use for authentication purposes.

Screenshots of the Project / Photos of Working Model :



Prachi Gupta (prachi03.pg@gmail.com)
Rosemin Tamboli (rosemintl98@gmail.com)

Project Guide : Ms. Pushpa Mahapatro

Applications :

- Permits a user to use one set of login credentials (e.g., name and password) to access multiple applications. helpful for logging user activities as well as monitoring user accounts.

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

Project presented in Tantra –Vihar 2018

Solving Medical Human Error Using Artificial Intelligence (Upcoming Technology)

Brief idea of Project :

The main objective of this project is used to save patient details and to use this information to overcome human error death. The user will type his medical details in the website and the data will run in the model and the final test cases are prepared. Artificial Intelligence is used to understand the data using neural networks and get the desire output with accuracy.



Screenshots of the Project / Photos of Working Model :

The first screenshot shows a dashboard with a sidebar for 'User Following Feed' and a main area for 'My Medicure App'. The second screenshot is a detailed view of a medical record with fields like 'Date', 'Time', 'Type', and 'Details'. The third screenshot shows a list of medical records with columns for 'Name', 'Date', 'Time', and 'Type'.

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

Research paper based on project was presented in International Conference in Maharashtra College in September 2017. The conference was based on Embedded/ IoT, Project Presented in Tantra Vihar 2018.

Rajkumar Tamilselvan
(rajkumar.tamilselvan5@gmail.com)
Akash Purswani (ap140995@gmail.com)

Project Guide : Ms. Pushpa Mahapatro

Applications :

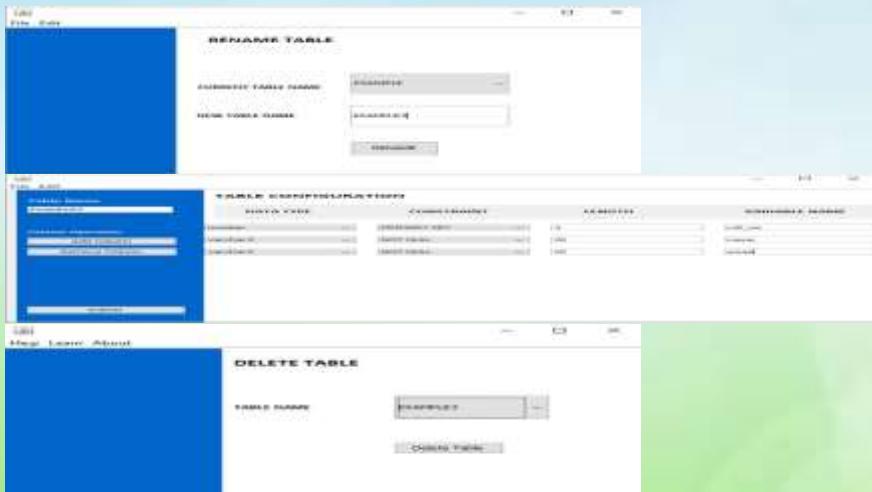
1. User will get to know the current status of his health using patient medical data. And using AI, output will be more accurate.

UI Based Oracle (Upcoming Technology)

Brief idea of Project :

UI based oracle is basically a windows application used to execute the database queries without writing it. Database connection, Table creation, deletion, rename, records insert & delete,..etc. This application will help the students to understand the queries and how it works. The Idea behind the project is that to make easy UI based Oracle that helps the people to understand and reduce the time to writing that queries. Here, simply text box, command button , drop-down button are used to develop the pages of the project.

Screenshots of the Project / Photos of Working Model :



Vaibhav Ghadge
(ghadgevaibhav1664@gmail.com)
Akshay Satre (akshaysatre97@gmail.com)

Project Guide : Ms. Sanjeela Sagar

Applications :

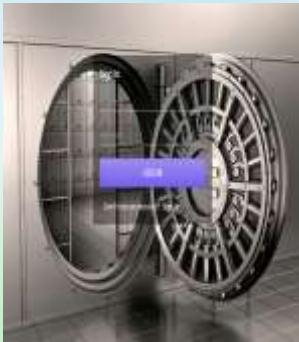
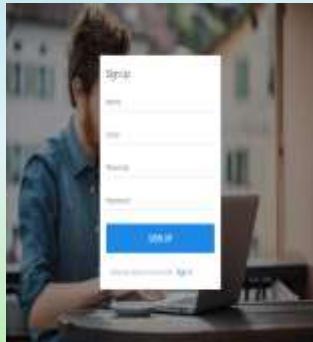
1. An application to connect oracle database & fire queries without writing.
2. Student can easily understand it & use it.

Network Monitoring System (Upcoming Technology)

Brief idea of Project :

Network monitoring System (banking domain) is based on dot NET. It is used to Keep the records of clients, employee etc. The Network monitoring system(banking domain) is an application for total money going IN and OUT from the system. The system provides the access to the customer to create an account, provides permission and roles ,hierarchical structure (superadmin, admin, staff) , deposit/withdraw the cash from account, also to view reports of all accounts present.

Screenshots of the Project / Photos of Working Model :



Aamir Ansari (aamiransari247@gmail.com)
Hrushikesh Karawde (hkarawde@gmail.com)

Project Guide : Ms. Seema Vishwakarma

Applications :

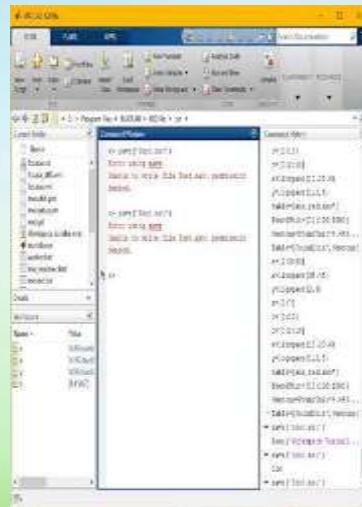
1. Monitoring accounts.
2. Facility to link with current account.

User identification using IRIS Scanner (Upcoming Technology)

Brief idea of Project :

We all have unique personal attributes that can be used for distinctive identification purposes, including a fingerprint, the pattern of a retina, and voice characteristics. Although the field of biometrics is still in its infancy, it's inevitable that biometric systems will play a critical role in the future of security. Biometrics refers to the automatic identification of a person based on his or her physiological or behavioural characteristics. An important issue in designing a practical system is to determine how an individual is identified.

Screenshots of the Project / Photos of Working Model :



Shubham Rane
(shubhamrane1897@gmail.com)
Jaynish Yadav (jaynishiyan.jy@gmail.com)

Project Guide : Ms. Snehal Tandale

Applications :

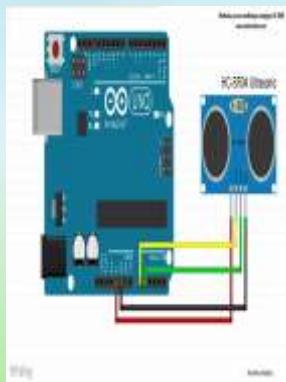
1. A platform to create a secure login for confidential information.
 2. Can be used by Commercial Companies or Banks.

Smart Stick for Blind Person (Upcoming Technology)

Brief idea of Project :

Blind stick is an innovative stick designed for visually disabled people for improved navigation. Blind stick allows visually challenged people to navigate with ease using advanced technology. The blind stick is integrated with ultrasonic sensor along with water sensor. Ultrasonic Sensor helps the person to avoid the obstacles in front of person. Water Sensor detects the water and warns the person. The system has one more advanced feature integrated to help the blind find their stick if they forgot where they kept it. A button press will start buzzer, so the person can locate the stick easily. Thus this system allows for obstacle detection as well as finding stick if misplaced by visually disabled people.

Screenshots of the Project / Photos of Working Model :



Siddharth P
(siddharthpednekar9@gmail.com)
Siddhesh C
(siddheshchavan999@gmail.com)

Project Guide : Ms. Sunita Koli

Applications :

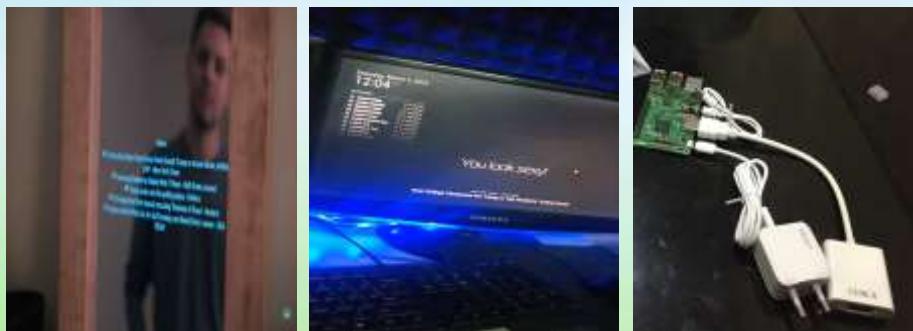
1. To help the visually impaired person.
2. Making there life a bit easier.

Smart Mirror Using Raspberry PI (Upcoming Technology)

Brief idea of Project :

We plan to deliver a working prototype i.e. design and development of a futuristic Smart Mirror on Raspberry Pi 3 for the ambient home environment as well as for commercial uses in various industries. Most people have mirrors at home, so the concept of a smart mirror that you can interact with is attractive and can be fantasized by anyone. At times no one has time to read the newspaper or switch on the TV right in the morning to check the news headlines or the weather forecast.. The device was to look like a regular mirror but would have a screen inside. The project which would collect real world machine data such as location based latest news and headlines, weather reports, and as well as show us the local time. The data would be transmitted from the machine and would be managed in a central database. We have also worked on including Artificial Intelligence in the Smart Mirror wherein a Voice enabled assistant will cater to the needs of the user.

Screenshots of the Project / Photos of Working Model :



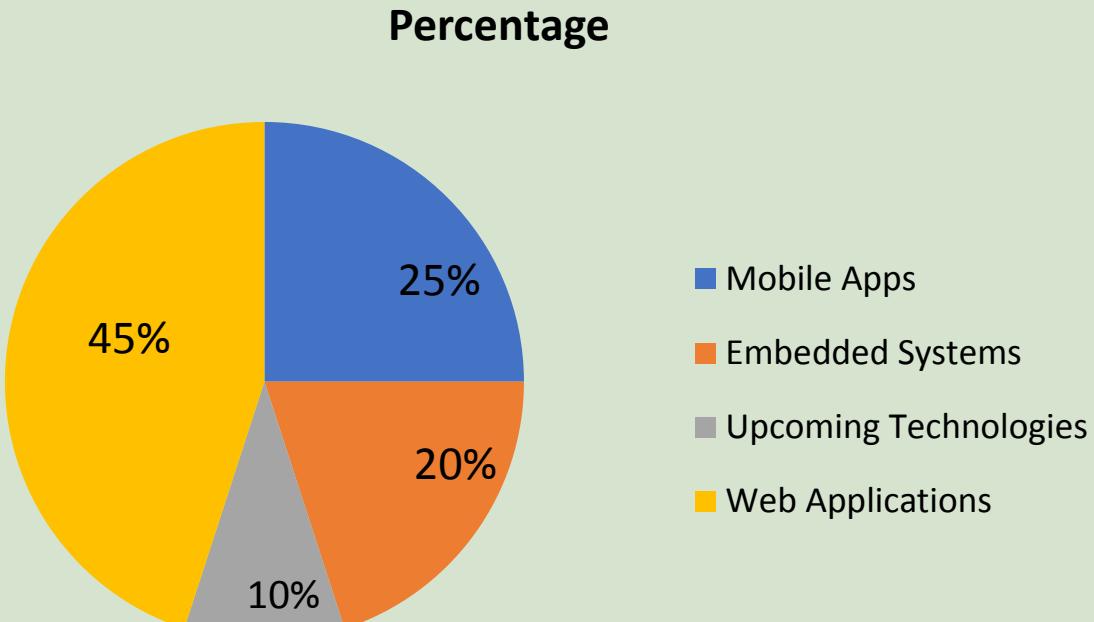
Santanu Wavekar (shanjoe460@gmail.com)
Rahul Ravva (rahulravva34@gmail.com)

Project Guide : Ms. UJWALA SAV

Applications :

1. A smart mirror that provides natural interaction between users and the ambient home services.
2. The mirror also provides a picture-in-picture sub-display to facilitate the display

Theme-wise Distribution of Projects



Winners of Tantra Vihar 2017

First Prize winner project is "AI ChatBot from Vidyalankar School of Information Technology" developed by Ibrahim Matwawala and Rohit Arun. This project is an Artificial intelligence Bot that can answer questions that students ask or need information about in their day to day life. It can also provide students information about the upcoming events, notices, their assignment or other submissions. The Bot is connected to various chat messengers like Facebook messenger, Telegram, Skype etc. via the Bot Connector. The bot can also save state i.e. it can remember the students details for example from which class the student is.



Second Prize winner project is "Student Management Portal from Dr. Ambedkar College of Commerce and Economics" developed by Suyash Kachi and Shubham Singh. Student Management Portal is a Web application made for managing all the data of Student. There are four modules like Student Module, Notice Module, Fees Module and Result Module. Android Application is made for parents. To see the result and Grade of Student, parents need to enter the PNR number and select semester of student.



Winners of Tantra Vihar 2017

Third Prize winner is "Digital Repository from Vidyalankar School of Information Technology" developed by Kunal Baghel and Rohit Tamhankar. The project concentrates on the local repositories developed for an institute which will address problems and limitations faced by the users at different hierarchy. The project proposes architecture for developing an entire repository service for an organization which will form a strong information managing infrastructure in long run. This project has been presented in Avishkar,-an Inter-collegiate competition conducted by University of Mumbai where projects on various topics are submitted by various departments. A research paper was also presented in one-day international Conference conducted by Pragati College.

Judge's Award winner project is "Student Performance Enhancement Management" Vidyalankar School of Information Technology" developed by Kunal Patil and Ganesh Barud. This system will take care of all the dropout students of VSIT. It will have a database of all year dropout students with the number of KTs. It will provise the information about timetable (remedial lecture, examination), notes, Previous years question papers, results, etc. Remedial lecture schedule and beyond syllabus activity will be conveyed to them through SMS or mail.



