VP | Vidyalankar
Polytechnic

V-ideas

2015 – 2016

Introduction

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

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

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

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

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

Principal Speak

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

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

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

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

V-ideas culminates V-Technovation 2016

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

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

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

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

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

V-ideas culminates V-Technovation -2016

Department : Information Technology

Area ID	Project Area	Project ID	Project Title	Page No
IT1	Networking	IT1.1	Online project approval and student academic website	13
		IT1.2	E-mail Interpreter	14
		IT1.3	SMS based state transport bus tracking system	15
		IT1.4	Hotel management	16
		IT1.5	Student cash manager	17
		IT1.6	Library management system with SMS alerts	18
		IT1.7	Online Feedback System	19
		IT1.8	Remote desktop Application	20
IT2	Database	IT2.1	Defaulter list auto generation and emailing	21
		IT2.2	College portal	22
		IT2.3	Learning management system	23
IT3	Security	IT3.1	Data recovery model	24
		IT3.2	Advance security System	25
		IT3.3	Minor Spy	26
IT4	Web Technology	IT4.1	Web Developer	27
		IT4.2	Online Project Assessment	28
		IT4.3	"Can I Park Here"	29

Department : Information Technology

Area ID	Project Area	Project ID	Project Title	Page No
IT4	Web Technology	IT4.4	E-Result Analysis	30
		IT4.5	Corporate Recruitment system	31
		IT4.6	Auditorium management	32
IT5	Mobile Application	IT5.1	QR code based navigation app	33
		IT5.2	Android app for electric meter reading	34
		IT5.3	Android based remote contact access	35
IT5	Mobile Application	IT5.4	Android Bio-Band	36
		IT5.5	One click	37
		IT5.6	The wall	38
		IT5.7	I-TRACK	39
		IT5.8	E-committee System using android	40
		IT5.9	V-Assist	41
		IT5.10	V-Attendance System	42
		IT5.11	Fitness Mantra: Standalone app	43
IT7	Artificial Intelligence	IT6.1	Mobile OS	44
		IT6.2	Vehicle theft detection and remote engine locking	45
		IT6.3	JARVIS Based Computer System	46

Department : Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
CO1	Networking	CO1.1	Android Controlled smart Notice Board using Wi-Fi	47
		CO1.2	Control Device using Wireless Technology	48
		CO1.3	Wi-Fi access control	49
		CO1.4	Desktop Assistant	50
CO2	Database	CO2.1	Inventory based Database Management System	51
		CO2.2	E-Feedback System	52
		CO2.3	Optical Character Recognition	53
CO3	Security	CO3.1	Antivirus	54
		CO3.2	Net authenticator	55
		CO3.3	Vehicle Scanner for Security	56
		CO3.4	Android Password Based Door Opening System	57
		CO3.5	Doorbell security system with QR scanner	58
		CO3.6	I-gate Automation System	59
CO4	Web Technology	CO4.1	Advanced blog system (for Vidyalankar College)	60
		CO4.2	Real Estate Management System	61
		CO4.3	Customer Relationship management	62
		CO4.4	Video Dubbing system	63

Department : Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
CO4	Web Technology	CO4.5	Auto E-R diagram generator	64
		CO4.6	RFID based Library Management System	65
		CO4.7	Society management software	66
		CO4.8	College Notice Board	67
		CO4.9	Hotspot Monitoring System	68
		CO4.10	E-canteen	69
		CO4.11	E-Shopping	70
CO5	Mobile Application	CO5.1	Vidyalankar Application	71
		CO5.2	Android based E Menu	72
		CO5.3	Where is my lecture	73
		CO5.4	Android Location Alarm	74
		CO5.5	Holographic Video Player	75
		CO5.6	GPS based navigating system for visually impaired	76
		CO5.7	Complaint Box	77
CO6	Embedded System	CO6.1	Mobile Charging using coin and solar panel	78
		CO6.2	Home Appliances control using Android application	79
		CO6.3	Breath controlled wheel chair	80

Department : Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
CO6	Embedded System	CO6.4	Wireless gesture controlled Robot	81
		CO6.5	Fully Automated solar grass cutter	82
		CO6.6	Solar based street lamp control	83
		CO6.7	Spinning LED PC controller	84
		CO6.8	Flex Sensor based Gloves for Mute Persons	85
		CO6.9	Controlling LED bulbs on solar energy	86
		CO6.10	Propeller clock	87
		CO6.11	Home automation using GSM	88
		CO6.12	Wi-Fi Dustbin	89
		CO6.13	Electronic oxygen tree	90
		CO6.14	Automated irrigation	91
		CO6.15	IVRS	92
		CO6.16	Density Based Traffic Controlling System	93
		CO6.17	Smart Cab	94
		CO6.18	Speed detector and analyzer	95
		CO6.19	Vehicle Movement Based Street Light Project	96
CO7	Artificial Intelligence	CO7.1	Artificial Intelligence Based Sudoku Solver	97
CO8	Algorithm	CO8.1	Automated Time-Table generator	78

Department : Electronics & Telecommunication

Area ID	Project Area	Project ID	Project Title	Page No
EJ1	Communication	EJ1.1	Automatic Ticket Vending Machine	99
		EJ1.2	Water Logging control using GSM	100
		EJ1.3	Power management using Zigbee	101
		EJ1.4	Automatic vaccum Cleaner	102
		EJ1.5	Remote operated Spy vehicle System	103
		EJ1.6	Water Quality measurement using GSM	104
		EJ1.7	GSM based car parking system	105
EJ2	Control Systems	EJ2.1	Automatic Bolttle filling system using PLC	106
		EJ2.2	LED based street light system with auto intensity control from solar panel	107
		EJ2.3	Automatic Shifting of road divider using solar panel	108
		EJ2.4	Persistence of vision display	109
		EJ2.5	Process Tank Control	110
		EJ2.6	Automatic street light controller using Microcontroller 8051	111
EJ3	Embedded Systems	EJ3.1	Drowsiness Detector for real driving condition	112
		EJ3.2	GSM based notice Board	113
		EJ3.3	Indra Shower	114
		EJ3.4	Function Generator	115

Department : Electronics & Telecommunication

Area ID	Project Area	Project ID	Project Title	Page No
EJ3	Embedded Systems	EJ3.5	Corn Seed feeder	116
		EJ3.6	Andriod Controlled robotic arm	117
		EJ3.7	Password Based Circuit Breaker	118
		EJ3.8	Eye blink sensor and accident prevention	119
		EJ3.9	Gas level sensor and Gas leakage detector	120
		EJ3.10	Car over speeding detection	121
		EJ3.11	Microcontroller based programmable power supply	122
		EJ3.12	Dc motor control using android	123
EJ4	Power Electronics	EJ4.1	Electronics Board	124
		EJ4.2	Variable Frequency Drive	125
		EJ4.3	SCR based single phase cycloconverter	126
		EJ4.4	Hybrid power generator	127
		EJ4.5	T-box wind power generator	128
		EJ4.6	Solar based farm protection fences	129
EJ5	Electrical & Electronics	EJ5.1	Fully automatic solar grass cutter	130
		EJ5.2	Electricity Bill	131
		EJ5.3	Hybrid System	132

Department : Electronics & Telecommunication

Area ID	Project Area	Project ID	Project Title	Page No
EJ5	Electrical & Electronics	EJ5.4	I-Bell	133
		EJ5.5	Artificial O2	134
		EJ5.6	P to V converter	135
		EJ5.7	Motion Sensor	136
EJ5	Electrical & Electronics	EJ5.8	Induction Bus	137
		EJ5.9	Smart Medicine Box	138
EJ6	Biomedical	EJ6.1	Smart trash System	139
		EJ6.2	E-Plant	140
		EJ6.3	Shadow Bot	141
		EJ6.4	Bus Boarding system for blind	142
		EJ6.5	TNS	143
		EJ6.6	Voice controlled lift/Elevator	144
		EJ6.7	Voice based notice board using android	145
EJ7	Instrumentation	EJ7.1	Automatic Sorting system using MATLAB	146
		EJ7.2	Wifi Power Transfer	147
		EJ7.3	Wireless Mobile Charger	148
		EJ7.4	Automatic headlight rotation in car	149

Department : Information Technology

Project Title   : **Online Project Approval And Students Academics (O.P.A.S.A)**
Domain (Area of Project)   : **Networking**

Name of Project Guide : Prof. Archana Gopnarayan

Name of Students :
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Anish Shelte (anish.shelte@gmail.com)
Chinmay Karangutkar (chinuck952@gmail.com)
Mihir Bhanushali (mihir22.bhanushali@gmail.com)

Brief Ideas of Project :
Project management is a major issue faced by many educational institutes. College management gathers all the project reports and project sources from students and store them somewhere. To overcome this problem we have thinked of developing a web-based application which will provide the safety of their abstract .

Screenshots of Project / Photos of Working Module :
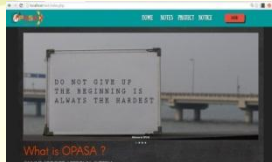
Applications :
OPASA can be used by students in schools, colleges for their project abstract purpose.
Since OPASA is accessed by the internet, it can be accessed globally

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   **: E-mail Based Interpreter**
Domain (Area of Project)   **: Networking**

Name of Project Guide : Prof. Samidha Chavan

Name of Students :
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Pallavi Patil (pallavip580@gmail.com)
Swati Balurgi (swatibalurgi059@gmail.com)
Deepesh Nagvekar (deepeshnagvekar@gmail.com)

Brief Ideas of Project :
Using Java we are going to create interface to receive Email. After receiving the Email, our system will read message from Email. Depending on the message our system will execute commands on our computer one by one. After completion of execution of commands our system will send confirmation email to the user

Screenshots of Project / Photos of Working Module :
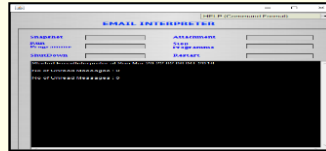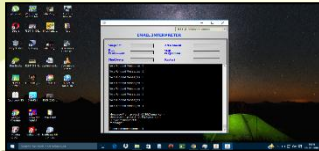
Applications :
It is used in home automation
It is used in commercial establishments

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   **: SMS Based State Transport Bus Tracking System**
Domain (Area of Project)   **: Networking**

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

Name of Students :
Dona Joy (donatresa@gmail.com)
Meghna Brid (meghnabrid5@gmail.com)
Adina Bijapuri (bijapuriadina@gmail.com)
Pushkaraj Arekar(puskar@gmail.com)

Brief Ideas of Project :
The System will track the routes between two depots. As soon as the bus enters the depot a SMS would be send to the system where the records are stored automatically. This record would be send to all corresponding depots which allows us to view location of the bus.

Screenshots of Project / Photos of Working Module :
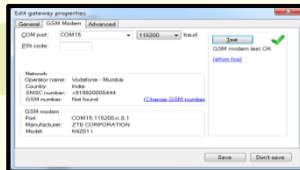
Applications :
Tracking and monitoring system.
 Multiple platform with independent support.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title : **Hotel Management**
Domain (Area of Project) : **Networking**

Name of Project Guide : **Sanjay Shimpi**

Name of Students :
Harsh Gavhane (harshgavhane1697@gmail.com)
Neha Shewale (shewaleneha4@gmail.com)
Saurabh Pawar (saurabhpawar148@gmail.com)
Vatsal Kotecha (vatsal.jkotecha@gmail.com)

Brief Ideas of Project :
Our project is based on hotel website that is to reduce the man power. Tabs will contain the website , the customer need to login and order . The chef will have another tab where he will be able to see the orders and the waiter will place the order to the respective table number . Our page will contain information about the restaurant as well as our contact number and even offers.

Screenshots of Project / Photos of Working Module :
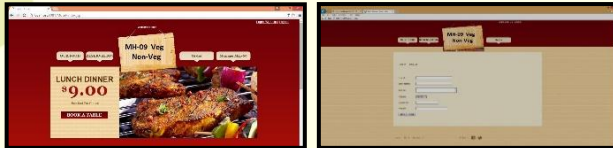
Applications :
1. Can be used in any small or big restaurant.
2. Can be used in any school or college canteens.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **Student Cash Manager**
Domain (Area of Project)   : **Networking**

Name of Project Guide : **Sushma Pawar**

Name of Students :
Rishi C Gupta(Rishi.official18@gmail.com)
Adesh S Borchate (borchate17@gmail.com)
Shivraj M Patil(Shivraj.patil26@yahoo.com)
Abhishek More(abhihekmore74@gmail.com)

Brief Ideas of Project :

Web applications are popular due to the ubiquity of web browsers, and the convenience of using a web browser as a client to update and maintain web applications without distributing and installing software on potentially thousands of client computers is a key reason for their popularity, as is the inherent support for cross-platform compatibility.

Screenshots of Project / Photos of Working Module :

Applications :

Our web application can be applied to any organizations, as each organization has services applied by our Web Application this application can be used for similar schools, colleges and various business organization.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

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Department : Information Technology

Project Title : **Library Management System with SMS Alerts**
Domain (Area of Project) : **Networking**

Name of Project Guide : Prof. Madhura Mokal

Name of Students :
Kiran Bhilare(sunil.nai1994@gmail.com)
Pranit Prabhkaran(pranitprabhakaran@gmail.com)
Rayvonne Gonsalves (rayvonnee@gmail.com)
Sunil Nai (sunil.nai1994@gmail.com)

Brief Ideas of Project :
Library Management System will deal in all the requirements needed for managing libraries. It will deal with the process of maintaining data about the books and many other things as well as transactions, which are taking place in the library with respect to the issue, return and renewal of the books.

Screenshots of Project / Photos of Working Module :

Applications :
School Libraries
Government Libraries

Awards if Any for TPP / Paper Publication / Any Other Please specify :

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Department : Information Technology

Project Title   **: Online Feedback System**
Domain (Area of Project)   **: Networking**

Name of Project Guide : Prof. Sanjay Shimpi

Name of Students :
Ravina Ghadshi (raveena@gmail.com)
Gaurang Prabhu (gaurangprabhu@live.com)
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Shraddha Hatti (shraddha.hatti@gmail.com)

Brief Ideas of Project :
The system will be using a Static IP address which will be active for certain period of time. After filling up of the form by the student, our system will save the data of all the faculty members in the database and evaluation for final percentage will be done. On completion of calculations the percentage feedback of all faculty members will be displayed by the system.

Screenshots of Project / Photos of Working Module :

Applications :
It is use in college to give feedback to faculty.
It is use in many industries where employees can give feedback to their team leader.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **Remote Desktop Application**
Domain (Area of Project)   : **Networking**

Name of Project Guide: Prof. Sridevi Taradi

Name of Students :
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Muzammil Shaikh (muzammilshaikh866@yahoo.in)
Tejas Mane (rajeshwarimane7@gmail.com)

Brief Ideas of Project :
The project works by using the third party interference in order to establish a remote connection between 2 devices of different backgrounds. The operation we used was between windows and android, where the windows can be manipulated remotely using android. The third party was a database server through which windows will fetch the commands and android would transmit the commands in order to fulfill them. Hence the sever acts as third party.

Screenshots of Project / Photos of Working Module:
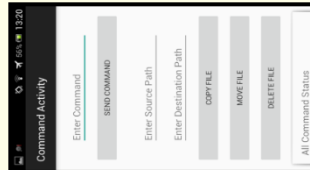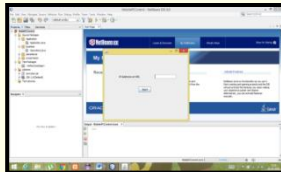
Applications :
Remote access of tasks of windows using android wireless.
File Manipulation.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title : **Defaulters List Auto Generation And Emailing.**
Domain (Area of Project) : **Database**

Name of Project Guide : Prof . Shonal Vaz

Name of Students :
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Ruchita Rane (Ruchitarane15@gmail.com
Manisha Parmar (manishaprmr95@gmail.com)

Brief Ideas of Project :
This is an application for maintaining attendance of a student on daily basis. It provides login for faculty , student admin and students. It gives accurate percentage of attendance of a particular student , roll-id or enrollment-no wise.
It also provides report of attendance of their wards to the parents through emailing.

Screenshots of Project / Photos of Working Module :

Applications :
Automatically generates defaulters list.
Notices and events are provided online.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

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Department : Information Technology

Project Title   : **College Portal**
Domain (Area of Project)   : **Database**

Name of Project Guide : Prof. Moheel Pandey

Name of Students :
Pragya Pandey (rinipandey.13@gmail.com)
Mrunal Sable (mrunalsable@gmail.com)
Prashant Bhosale (akashsirat12@gmail.com)

Brief Ideas of Project :
The college Management provides the student & staff with fast & convenient way to acquire the information. Staff can send motive to all students which is helpful to notify student with important agenda. Students can also get information about the various events. Students can view the syllabus & can also view the question papers, which can help the student academically.

Screenshots of Project / Photos of Working Module :
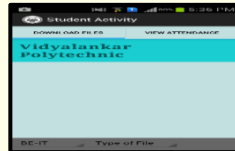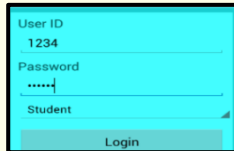
Applications :
Student attendance details
Notice details
Event details
Print week wise Attendance
Awards if Any for TPP / Paper Publication / Any Other Please specify :

22

Department : Information Technology

Project Title   : **Learning Management System**
Domain (Area of Project)   : **Database**

Name of Project Guide : Prof. Samidha Chavan

Name of Students :
Srushti Tamhanekar (srushtitamhanekar13@gmail.com)
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Mihir Tirawdekar (mihirktslu@gmail.com)
Indrajit Bandisode (indrajitbandisode14@gmail.com)

Brief Ideas of Project :
The project is all about a learning management system which helps a company to elect their employees at the time of their interview. This system provides a training to an employee and the orientation session through videos and different sessions. And later they elect by taking an online test of the employee through this system. By referring the score the company decides whether the employee is eligible.

Screenshots of Project / Photos of Working Module :

Applications :
It is used to give training and orientation session to an employee .
It is used to judge an employee with the help of test and its result.
Awards if Any for TPP / Paper Publication / Any Other Please specify :
Prepared this project as per requirement of Fermenta Biotech Limited company which is in Thane as an internship.

Department : Information Technology

Project Title	**: Data Recovery Model**
Domain (Area of Project)	**: Security**

Name of Project Guide : Prof. Bhagyashri Kulkarni

Name of Student :
Tejas Kesre (tejaskesre007@gmail.com)
Ashwini Dange (ashwinidange6@gmail.com)
Shweta Temkar (shwetatemkar2@gmail.com)
Mitali Chitre (mitalichitre1@gmail.com)

Brief Ideas of Project :

Our project is basically based on sql server backups which recovers the damaged database n takes backup of it in the LAN CONNECTION or on the system itself which is useful in industries where there are lot many serving databases.

Screenshots of Project / Photos of Working Module :
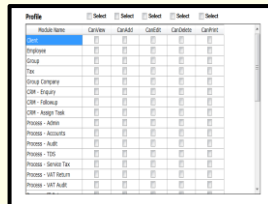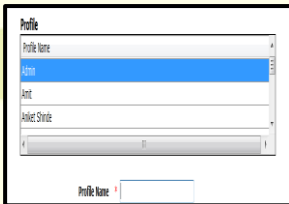
Applications :

It is used in industries where there is heavy amount of database.
It is used in schools, colleges and companies.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **Advanced Security System**
Domain (Area of Project) : **Security**

Name of Project Guide : Prof. Sridevi Taradi

Name of Students   :
Aditya Jathar (adijathar2015@gmail.com)
Omkar Kshirsagar (omicarsobike@gmail.com)
Rohan Bagade (rohan.bagade03@gmail.com)
Swapnali Dukhande
(swapnalidukhande98@gmail.com)

Brief Ideas of Project :
The system is about maintaining the security through sensors which will sense a particular smoke, radiation, gas and switch which was added for medical help ,when the sensors get activated a buglar alarm starts ringing ,a message and a call is given to the owner through by GSM through AT commands.

Screenshots of Project / Photos of Working Module :
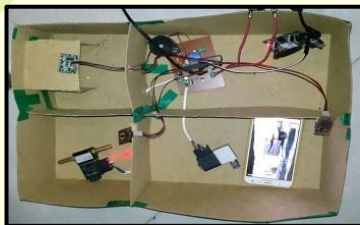
Applications :
It can be used in houses like home monitoring and appliances protection and safety .
It can be used in industries for safety and monitoring.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title	**: Minor sPY**
Domain (Area of Project)	**: Security**

Name of Project Guide : Prerana Jalgaonkar

Name of Students :
Bhavesh Chalke (bhavesh.chalke@gmail.com)
Mayur Shirke (mayur.shirke@gmail.com)
Shravan Chikhale (shravan.chikhale@gmail.com)
Abhijit Sawant(abhijit.sawant@gmail.com)

Brief Ideas of Project :
The objective of the project is to check location of the phone on Google Map. This application opens a chart on a controller side which will be synchronized with the tracking device with the help of GPS and Internet

Screenshots of Project / Photos of Working Module :
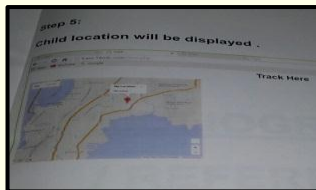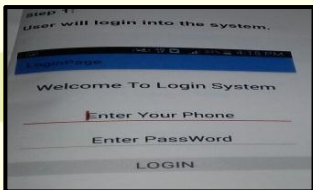
Applications :
Used to track children
Women Safety
Line 2

Awards if Any for TPP / Paper Publication / Any Other Please specify : NA

Department : Information Technology

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

Name of Project Guide : Prof. Archana Gopnarayan

Name of Students :
Netra Phatak(manimeow01@gmail.com)
Pratik Barmukh(pratik12mukh@gmail.com)
Dipesh Hedamba(dipesh.h3damba@gmail.com)
Prathamesh Sutar(pratzstar@gmail.com)

Brief Ideas of Project :
Wed Developer is Technology ,using that any nontechnical person can create their websites .Here we include multiple languages like English ,Marathi ,Hindi , and many more.

Screenshots of Project / Photos of Working Module :
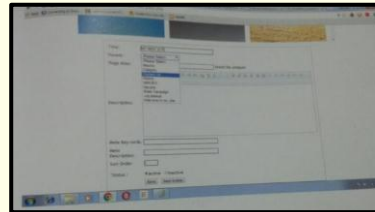
Applications :
It can be used by any non technical person to create a website.
Awards if Any for TPP / Paper Publication / Any Other Please specify : Got first prize in Vidyalankar Polytechnic Project Exhibition and Compétition ,L&T sponsor Project

Department : Information Technology

Project Title : **Online Project Assessment**
Domain (Area of Project) : **Web Application**

Name of Project Guide : Prof. Prasad Koyande

Name of Students :
Sayyed Ismail (issue.kissue@gmail.com)
Tejas Ambulkar (Ambulkartejas@gmail.com)
Nilesh Dubey (Nileshdubey0103@gmail.com)
Rushikesh More (rushikeshmore07.rm@gmail.com)

Brief Ideas of Project :
This project is aimed at developing a web based system, which manage the activity of student project and according to that the guidance will take the particular action to the task performed by the student.

Screenshots of Project / Photos of Working Module :
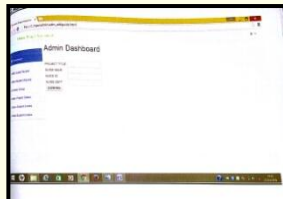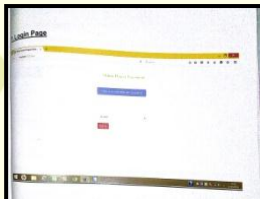
Applications :
Guide and Faculty can keep track on project progress.
Portable which can be used anywhere anytime
Awards if Any for TPP / Paper Publication / Any Other Please specify :
Runner-up in VP Technovation 2016

Department : Information Technology

Project Title	:	**Can I park here**
Domain (Area of Project)	:	**Web Based Project**

Name of Project Guide : Shradhha Nimankar

Name of Students :
Kunal Tambe
Akshay Tawade
Khan Zeba
Fauzan Padavekar
Sagir Khan

Brief Ideas of Project : Can I Park here System Primary Focus on helping user find available parking and as a secondary Focus providing users with data that will help them find the best parking space based on their parking needs.

Screenshots of Project / Photos of Working Module :
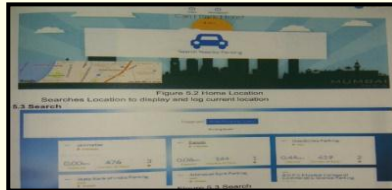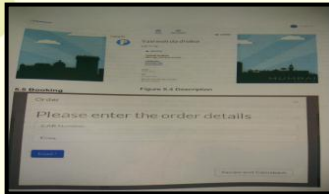
Applications :
Super Market, Shopping Mall
Departmental store
Awards if Any for TPP / Paper Publication / Any Other Please specify :
no

Department : Information Technology

Project Title : **E-Result Analysis**
Domain (Area of Project) : **Web Technology**

Name of Project Guide : Prof. Sneha Patange.

Name of Students :
Anjal Afghan
Suraj Jadhav
Shardul Kadam
Yugant Suryawanshi

Brief Ideas of Project :
Given the continuous rise in student population , tertiary institution calculate examination result of students with the of computer programs. However, the use of programs that extends the capabilities beyond exam result computation is not widespread. We present a software that provides this solution in E- Result.

Screenshots of Project / Photos of Working Module :
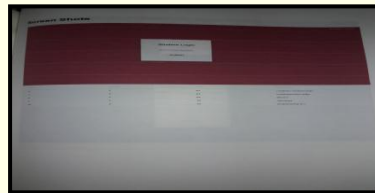
Applications :
Academic Record Management.
Efficient Result Analysis Tool.
Awards if Any for TPP / Paper Publication / Any Other Please specify :
No.

Department : Information Technology

Project Title : **Corporate Recruitment system**
Domain (Area of Project) : **Web based projects**

Name of Project Guide : Mrs. Vibhuti Bendale

Name of Students :
Snehal Pawar   15202C2007
Ashwini Misal   15202C2003
Juiely Rane   15202C2008
Manisha Ingale   15202C2006

Brief Ideas of Project :
Corporate Recruitment System (CRS) is web-based tool to reduce communication gap between Job providers and Job seekers. The Main objective of this solution is to make easy the recruitment process of any organization.

Screenshots of Project / Photos of Working Module :
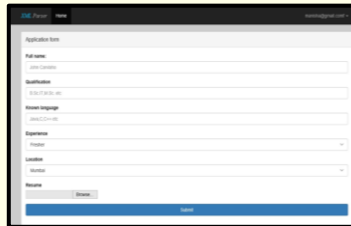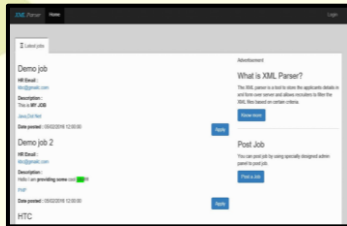
Applications :
Web Application for Resume Upload and Edit. Applicants can submit their resumes online and then view and edit the parsed results in a fielded form with the fields pre-populated from the results of the Parser.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   **: Auditorium Management**
Domain (Area of Project)   **: Web based application**.

Name of Project Guide : Prof. Vaishali Malkar

Name of Students:
Rushikesh Misale
Chetan Pokale

Brief Ideas of Project : This website is a web application where the management of multiple auditorium is computerized. The reservation process of reserving specific auditorium for the customers, students are computerized.

Screenshots of Project / Photos of Working Module :

Applications :
School/Colleges
Industries
Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Information Technology

Project Title : **QR Code Based Navigation App**
Domain (Area of Project) : **Mobile Application**

Name of Project Guide : Prof. Bhagashri Kulkarni

Name of Students :
Aniket Kale (aniketkale0848@gmail.com)
Rasik Thalkar (thalkarrasik@gmail.com)
Mritunjay Musale (mritunjaymusale@gmail.com)
Sharique Khan (khansharique.69@gmail.com)

Brief Ideas of Project :
Navigation/Map applications for Smart phones are quite useful in the day-to-day life. Several solutions are available in the market for indoor navigation using Bluetooth, Wi-Fi and AGPS. But their reliability of navigation in all given scenarios is still a challenge. QR codes will be used all across the building to carry the information required for the navigation system. The mobile application will use the QR codes to provide accurate indoor navigation for the user.

Screenshots of Project / Photos of Working Module :
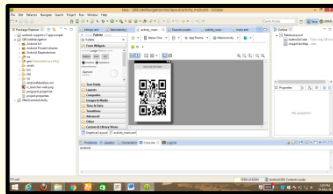
Applications :
 All colleges can implement this system for campus navigation for visitor.
 We can show location to user just by mapping it in QR code.
Awards if Any for TPP / Paper Publication / Any Other Please specify :
Runner –up in Final Year Project Exhibition

Department : Information Technology

Project Title : **Android app for electric bill meter reading**
Domain (Area of Project) : **Mobile Application**

Name of Project Guide : Prof. Ritu Talreja

Name of Students :
Manasi Berde (mansi.berde24@gmail.com)
Akshay Sadalgekar (akshaysadalgekar95@gmail.com)
faisal Jogilkar (jogilkarfaisal67@gmail.com)
Ibrahim Khan

Brief Ideas of Project :
Meter reading and billing are complex tasks of elecricity supplier companies . The current technology of billing process uses manual process of meter reading .updating the server with reading and billing customer. We are suggesting the technology that includes android application and web application to get reading. Updating server and informing consumer about bill unit and amount.

Screenshots of Project / Photos of Working Module :
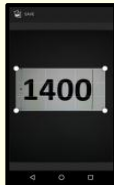
Applications :
It is a mobile android application
Customer get instant update so he gets extra time to pay bill
Awards if Any for TPP / Paper Publication / Any Other Please specify :

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Department : Information Technology

Project Title	**: Android Based Remote Contact Access**
Domain (Area of Project)	**: Mobile Application**

Name of Project Guide : Prof. Sunil Dodake

Name of Students :
Sameer Rajbhar (rajbharsameer54@gmail.com)
Atharva Thanekar (atharvathanekar@gmail.com)
Akshay Rane (akkyrane@gmail.com)
Vighnesh Shetty (vighneshshetty26@gmail.com)

Brief Ideas of Project :
If you have forgotten your Cell Phone at home and you need to call a person urgently whose contact number is not available at that instant. In that case you have to call home and ask someone to search for that contact and then resend it back to you. It takes your lot of time. Instead of doing this tedious process one can send an SMS from someone's cell to his/her own mobile in a predefined syntax.

Screenshots of Project / Photos of Working Module :
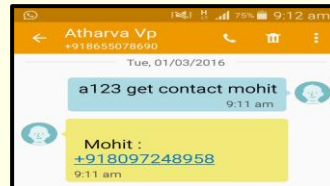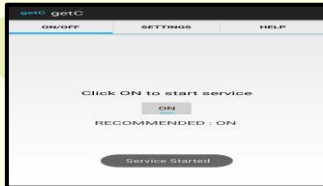
Applications :
You can use this system to access contact in your phone remotely.
You can also use this system to access unread SMS in your phone.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title : **Android bio-band**
Domain (Area of Project) : **Mobile application**

Name of Project Guide : Sunil Dodake

Name of Students :
Himali Patkar (heemalipatkar@gmail.com)
Akshata Nakashe (akshata.nakashe13@gmail.com)
Tanmay Naik (tannmay30naik5554@gmail.com)
Payal Borchate(payal borchate5@gmail.com)

Brief Ideas of project:
This project present alarm and healthcare management system which is mainly deployed in an android based phone that is conveniently used and carried. So our system is suitable for most of the people.With the help of the GPS and GSM network the system can make sure the location of the user when they are in trouble and trigger the alarm.

Screenshots of Project / Photos of Working Module :

Applications :
This system can use any type of house,office and shops.
The system can use for emergency purpose.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   **: One Click**

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

Name of Project Guide : Prof. Ritu Talreja

Name of Students :
Divyaansh Mishra (divyaanshmishra@gmail.com)
Pranav Shedge (Pranavshedge99@gmail.com)
Sagar Sonawane (sagar.sonawane0507@gmail.com)
Dhanraj Mudadi (dhanrajmudadi@gmail.com)

Brief Ideas of Project :

ONE CLICK's Mission To provide fast, free, reliable and comprehensive information to our users at a particular area or say the region that the user wants the information about. This will make the day to day life easy & advanced. People visiting a new city are provided with city map pamphlets that need to be viewed by the people to find the fine printed locations that they wish to see. Well it doesn't consist of entire details of those locations but only a brief idea of it.

Screenshots of Project / Photos of Working Module :
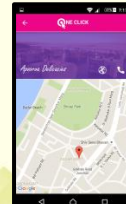
Applications :

It allows you to interact directly with your required destination by a calling feature which allows you to call.
This application can be used by job consultants for consulting the jobs to local people.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title : **The Wall**
Domain (Area of Project) : **Mobile Application**

Name of Project Guide : **Prof. Sanjay Shimpi**

Name of Students :
Tanmay Kulkarni (iamtanmaykulkarni@gmail.com)
Krunal Panchal (krunalpanchal012@gmail.com)
Kaustubh Pawar (pawarkaustubh2736@gmail.com)
Hitesh Solanki (hiteshsolanki477@gmail.com)
Mubasharin Khan (mubis.khan.16718@gmail.com)

Brief Ideas of Project :
The Wall is an android noticeboard application which is aimed to deliver a digital noticeboard on smartphone running Android OS. The basic idea of The Wall is to replace the noticeboard in the physical world with a digital noticeboard packaged into an android application.

Screenshots of Project / Photos of Working Module :
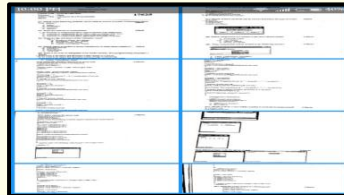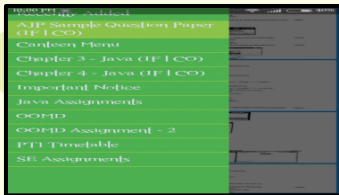
Applications :
To view canteen menu
To view subject notes
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **I-TRACK**
Domain (Area of Project)   : **Mobile Application**

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

Name of Students :
G. Sarathraj (gk.sarathraj@gmail.com)
Aslaf Shaikh (aslaf.shaikh@gmail.com)
Akshay Chavan (akshaychavan881@gmail.com)
Atul Vhatkar (atulvhatkar9@gmail.com)

Brief Ideas of Project :
I-TRACK which is embedded with a lot of features such as location tracking, SIM card detection, sending the location values to the predefined email address and to the predefined number via SMS, sending the images to the predefined email address. These features are quite different from the existing tracker applications which would be helpful in tracking the lost mobile.

Screenshots of Project / Photos of Working Module :

Applications :
1) Used in mobile for tracing when they are lost by sending pictures and GPS location.
2) The app can be used for tablets also.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **E-Committee System**
Domain (Area of Project)   : **Web-Based Application**

Name of Project Guide : Ketan Bagade

Name of Students :
Onkar Lad (onkar.lad12@gmail.com)
Dhanashree Gharge (dhanashree@gmail.com)
Siddhi Surve (siddhis@gmail.com)
Suraj Udamale

Brief Ideas of Project :
Project is made for College Committee. It can be used in college, university for maintaining overall annual Committee details and their reports. The different modules are to add commmittee, add Convenor, add Member, add activities etc. The Technologies used are Android, Java and database.

Screenshots of Project / Photos of Working Module :

Applications :
College
Offices
Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Information Technology

Project Title   : **V-ASSIST**
Domain (Area of Project)   : **Mobile Application**

Name of Project Guide : Kalpana Kinage

Name of Students :
Jaykumar Parmar   (jayparmar575@gmail.com)
Rutuja Dalvi(rutujadalvi06@gmail.com)
Akhilesh Singh(singhakhilesh786.as@gmail.com)
Thabreez I.(thabreezizzudeen@gmail.com)

Brief Ideas of Project :
Ip address needs to be entered. Student login and staff login present. notification on the receiver phone on delivery of message. Tabular map specifying location of labs & classes. Notes upload module present. General,individual and class-wise notice messaging options.

Screenshots of Project :

Applications :
Can be used in Institutions with a large campus.
Can be used in Organisations.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title : **V – Attendance System**
Domain (Area of Project) : **Mobile application**

Name of Project Guide : Prof . Sudhir Lawand

Name of Students :
Regis charles (regischarles7@gmail.com)
Meghasahu(megha.Suresh.Sahu@gmail.Com)
Kamal jamesraj(kamaljames10@gmail.Com)
Akash jaiswal (akashvijendrajaiswal@gmail.Com)

Brief Ideas of Project :
Since ages, marking attendance has been one of the most important ways to record and track the presence of students in schools, colleges. Attendance marking in different forms has been in use in various organizations to record the presence of their human resource.

Screenshots of Project / Photos of Working Module :
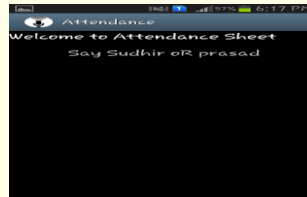
Applications :
It is used in various university and various company for taking attandance .
Data can be tranfers to the database easily.
Awards if Any for TPP / Paper Publication / Any Other Please specify :
First prize in V- technovation exhibition.

Department : Information Technology

Project Title   : **Fitness mantra**
Domain (Area of Project)   : **Mobile Application**

Name of Project Guide : Rupali Desai

Name of Students:
Vijay kumar gupta (vijaysahu7775@gmail.Com)
Uday Mistry (coolboy1332@gmail.Com)
Sanket More (sanketcfc@gmail.Com)
Viraj Parab (virajparab95@gmail.Com)

Brief Ideas of Project :
FITNESS MANTRA it is a standalone android application. It is very useful application for people who they don't have time at home. they are very busy in his life and they want to maintained his fitness they can maintain by using this application Our project front end is java and back end is xml

Screenshots of Project / Photos of Working Module :

Applications :
1.This system can be used by all kind of cab drivers in inter-city and out of stations.
Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Information Technology

Project Title   : **Mobile Operating System (ROM)**
Domain (Area of Project)   : **Artificial Intelligence**

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

Name of Students :
Vishal Desai (vishald7@gmail.com)
Rahul Vishwakarma (rahulv0@gmail.com)
Sai Naik (naiksai07@gmail.com)
Gazafee Khan (khangazafee88@gmail.com)
Prashant Jadhav (prashantj5@gmail.com)

Brief Ideas of Project :
The introduction of Android Mobile phones has bought a new revolution in the mobile phone market and almost everyone might have experienced when a certain application is running in background and call comes than the running application while stop and a call background comes.

Screenshots of Project / Photos of Working Module :
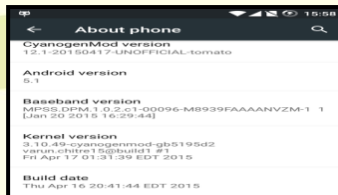
Applications :
It is easy to access.
Multitask can be perform on the device
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **Vehicle theft detection / notification and remote engine locking**
Domain (Area of Project)   : **Embedded system**

Name of Project Guide : Prof. Chetashri Bhusari

Name of Students :
Kajal Hajare (kajal.sweetdevil@gmail.com)
Shrutika Ahire (shrutikaahire1996@gmail.com)
Soumitra Parab (soumitraparab@gmail.com)
Swapnil Angane (swappyangane@gmail.com)

Brief Ideas of Project :
The aim of this project is to intimate the owner of the vehicle about any unauthorized entry by using wireless technology. This is done by sending an auto-generated SMS to the owner.

Screenshots of Project / Photos of Working Module :
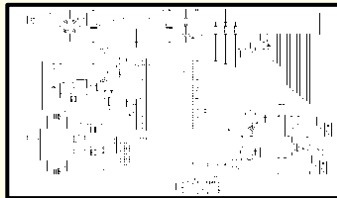
Applications :
 This project can be used in Cars, public and private buses, even in bikes and motorcycles.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Information Technology

Project Title   : **JARVIS Based Computer System**

Domain (Area of Project)   : **Artificial Intelligence**

Name of Project Guide : Prof. Sushma Pawar

Name of Students :
Saurabh Sahu (sahusaurabh65@gmail.com)
Renuka Naikwadi (sweet.renuka97@gmail.com)
Pournima Kardak (pournima16kardak@gmail.com)
Prajakta Koyande (koyandeprajakta10@gmail.com)

Brief Ideas of Project :

Jarvis is the Technology which is used for Environment Management & Technology Creation. Project Jarvis is designed with A.I in both software and hardware which allows. This system makes the basic functioning of the PCs easy n quick as soon as it receives the voice as an input. Jarvis is based of A.I and is capable of answering complex questions, maths, reading social network messages, conversing, being a top class assistant and much more. Jarvis speaks back through speakers.

Screenshots of Project / Photos of Working Module :

Applications :

It Deals with System Software and work on Operating system commands.
With the help of Jarvis we can Open the file, close the file.
Copy, Cut, paste, File Editing can be done by Jarvis.
Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Computer Engineering

Project Title : **Android Controlled Smart Notice Board Using Wi-Fi and Raspberry Pi**
Domain (Area of Project) : **Networking**

Name of Project Guide : Ms. Swati Ranade

Name of Students :
Sairaj Pai (Pai_Sai@gmail.com)
Akash Kadam (Aksh_K@gmail.com)
Shantanu Kelaskar (Shan_K@gmail.com)
Swapnil Patil (Patil_Swapnil@gmail.com)

Brief Ideas of Project : This project makes use of wireless technology to communicate from Android phone to LCD monitor. It also makes use of an onboard computer, which is commonly termed as Raspberry Pi Processor. The onboard computer(Raspberry Pi) can efficiently communicate with the output and input modules which are being used.

Screenshots of Project / Photos of Working Module :

Applications :
- Advertisement in Shopping Malls, Railway Stations etc.
- It can be used in Organizations, where graphical images to be displayed.

Awards if Any for TPP / Paper Publication / Any Other Please specify : Second Prize for Internal College level Project exhibition

Department : Computer Engineering

Project Title : **Control Devices Using Wireless Technology**
Domain (Area of Project) : **Wireless Network**

Name of Project Guide : Mr. Siddhesh Vaidya

Name of Students :
Parth Mange (parth.mange@rediffmail.com)
Hitarth Tank (hitarth.tank@gmail.com)

Brief Ideas of Project :
The term wireless has been used twice in communications history, with slightly different meaning. It was initially used from about 1890 for the first radio transmitting and receiving technology, as in wireless telegraphy, until the new word radio replaced it around 1920. The term was revived in the 1980s and 1990s mainly to distinguish digital devices that communicate without wires.

Screenshots of Project / Photos of Working Module :

Applications :
This is basically used for controlling the applications using wireless technology.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Wi-Fi Access Control**
Domain (Area of Project)   :   **Networking**

Name of Project Guide : Siddhesh Vaidya

Name of Students:
Rajkumar Yadav(rajkumar09@gmail.com)
Chetan Narawade(chetan.n@gmail.com)

Brief Ideas of Project :
The objective of this work is to design a WI-FI Access Control so that the users can access the facility by using their own credentials.

Screenshots of Project / Photos of Working Module :
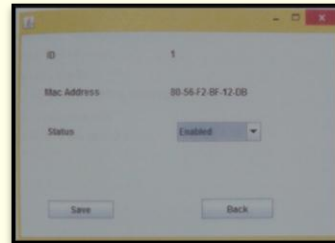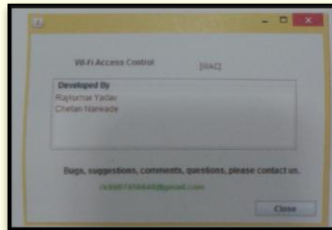
Applications :
•   Intended users can get connected to the WI-FI by entering credentials.

Department : Computer Engineering

Project Title : **Desktop Assistant**
Domain (Area of Project) : **Networking**

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

Name of Students :
Abhiruchi Bagal (bagal_abhiruchi@gmail.com)
Rutuja Ghatwal (Ghatwal_rutu@gmail.com)

Brief Ideas of Project : This software system is to develop methods which helps to manage different information such as video files, music files and private documents. This software aims at managing the User's information in an efficient manner as to make it easier for user to retrieve and use this information.

Screenshots of Project / Photos of Working Module :
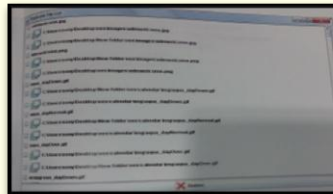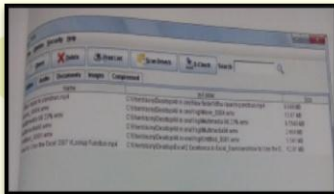
Applications :
- This project can be used in system security
- This project can be used in windows based applications.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No.

Department : Computer Engineering

Project Title : **Inventory Database Management System**
Domain (Area of Project) : **Database**

Name of Project Guide : Sangeeta Wankhade

Name of Students :
Saurabh Kolambkar(Saurabh.Kolambkar@vpt.edu.in)
Saurabh Patil (saurabh.patil@vpt.edu.in)
Mangesh Awate(mangesh.awate@vpt.edu.in)
Suprit Vaidya(suprit.vaidya@gmail.com)

Brief Ideas of Project :
Inventory Management System is to provide an easier and quick manner to manage the inventory of plastic products developing industry.

Screenshots of Project / Photos of Working Module :

Applications :
- Inventory management software is a computer-based system for tracking inventory levels, orders, sales and deliveries.
- It can also be used in the manufacturing industry to create a work order, bill of materials and other production-related documents

Department : Computer Engineering

Project Title   **: E-Feedback System**
Domain (Area of Project)   **: Database**

Name of Project Guide : Sonal Gupta

Name of Students :
Namrata Panchal (namrata.1@gmail.com)
Shubhangi Maharana (shubangi@gmail.com)
Mueez Antule (mueezantule@yahoo.com)
Hitesh Sankhat (hsnakhat099@gmail.com)

Brief Ideas of Project :
The main objective of this project is to develop an application which will help institute to collect the feedback from student on lecturers. Since manual system is time consuming and more effort are required this application becomes more useful.

Screenshots of Project / Photos of Working Module :
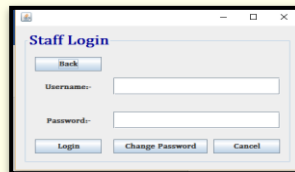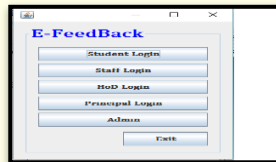
Applications :
- Enhance the staff – find the details about the lecturer's interest in teaching to the students.
- Students should be told how the data will be used, when and how results will be published, and that their contribution is important and taken seriously.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Participated and won consolation prize at state level Project Competition (2016)

Department : Computer Engineering

Project Title : **Optical character recognition**
Domain (Area of Project) : **Database**

Name of Project Guide : Vibhuti Bendale

Name of Students :
Akshata Hirve (akshatahirve2@gmail.com)
Nikita Mankar
Sakshi Akre
Sugasini Ramakrishnan

Brief Ideas of Project :

Optical character recognition is the mechanical or electronic conversion of scanned images of handwritten, typewritten or printed text into machine-encoded text. Optical character recognition, usually abbreviated to OCR, is the process of converting scanned images of machine printed or handwritten text (numerals, letters, and symbols), into a computer format text.

Screenshots of Project / Photos of Working Module :
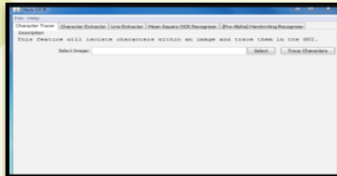
Applications :

Data entry for business documents.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

No

Department : Computer Engineering

Project Title   : **Antivirus Software**
Domain (Area of Project)   : **Security**

Name of Project Guide   : **Chetana J. Kolte**

Name of Students :
Sunita luhar (snluhar@gmail.com)
Fakeha kondkari (Fakheha.K@gmail.com)
Pournima fulwade (poo123@rediffmail.com)

Brief Ideas of Project : Approach-
Detection: Once the infection has occurred, determine that it has occurred and locate the virus.
Identification: Once detection has been achieved, identify the specific virus has infected a program.
Removal: Once the specific virus has been identified, remove all traces of the virus from the infected program and restore it to its original state.

Screenshots of Project / Photos of Working Module :
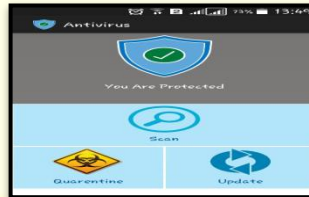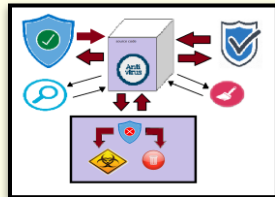
Applications :
1. Mobile phone
2. Cyber cell
3. As antivirus

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Net Authenticator**
Domain (Area of Project) : **Security**

Name of Project Guide : Ms. Swati Ranade

**Name of Students :**
Rushikesh Dhanawde (rushi.D@gmail.com)
Deepak Vishwakarma (Deep_V@gmail.com)
Omkar Patil (Patil_Om@gmail.com)
Vaibhav Dhanavane (Dvaibhav@gmail.com)

Brief Ideas of Project : This software allows you to control unauthorized users, some sites restrictions, manage authentication list and to allocate time limit to specific users. So this software gives more security and browsing internet in a large networking environment.

Screenshots of Project / Photos of Working Module :
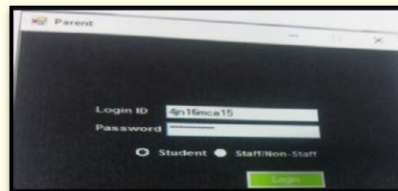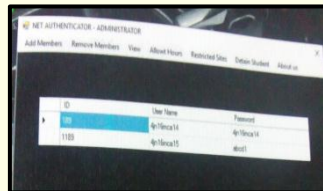
Applications :
* It can be used in colleges to manage a staff and students accounts as per their privileges.
* It can be used in cyber cafes.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Vehicle Scanner for Security Reason**
Domain (Area of Project)   : **Security**

Name of Project Guide : Ms. Swati Ranade

Name of Students :
Sufiyan Khan (khan_sufi@gmail.com)
Varad Chawan (Varad_Chawan@gmail.com)
Shekhar Jogawade (J_shekhar@gmail.com)
Jawad Kalburgi (Kalburgi_Jawad@gmail.com)

Brief Ideas of Project : This project is designed to monitor the counting operations in industries. It consists of one pair of sensors. When an object passes through the sensors then microcontroller gets interrupt signal and increments the count to display it on 7 segment display. Count down is also achieved if the object moves in reverse direction.

Screenshots of Project / Photos of Working Module :

Applications :
- This project can be used in Toll Booth.
- This project can be used in Parliament and Government offices.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No.

Department : Computer Engineering

Project Title   : **Android Password Based Door Opener System**
Domain (Area of Project)   : **Security**

Name of Project Guide : Sangeeta Wankhade

Name of Students :
Mitali Salvi(salvimitali4@gmail.com)
hefali Patil(shefali.patil@vpt.edu.in)

Brief Ideas of Project :
The main objective of this project is to unlock a door by an android application using a unique password entered through the android application device. This method is very convenient as one doesn't have to open the door physically. Further this project can be incorporated with an EEPROM i.e a non –volatile memory so that the password can be changed by the owner.

Screenshots of Project / Photos of Working Module :

Applications :
1. For security purpose at Banks, Offices etc.
2. Telephone answering machine.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No.

Department : Computer Engineering

Project Title   : **Doorbell Security System with QR Scanner**
Domain (Area of Project)   : **Security**

Name of Project Guide   : Prerana Jalgaonkar

Name of Students :
Niranjan Patil (niranjanp@yahoo.com)
Prasad Asrondkar (prasadasro@gmail.com)
Rahul Chavan (rahulchavan@gmail.com)
Rishil Ramesh (rishilramesh1@yahoo.com)
Gautam Ved (gautamved@gmail.com)

Brief Ideas of Project :

Android device is placed outside the home. The person who wants to enter into the room should scan QR code. The android app will decrypt the QR code and will send to the administrator

Screenshots of Project / Photos of Working Module :
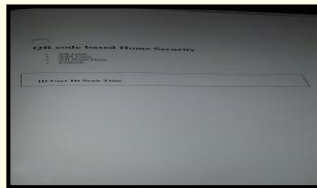
Applications :

The application can be used at home for the security of old people.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
NA

Department : Computer Engineering

Project Title   : **I-Gate for Automated Systems**
Domain (Area of Project)   : **Security**

Name of Project Guide   : Sayali D. Kadam

Name of Students :
Varun.P.Kakkar(varun.kakkar@@vpt.edu.in)
Bhavik Kumar Shivhare (bhavik.shivhare@vpt.edu.in)
Shabhaz Alam (shanhaz.alam@vpt.edu.in)
Ruban Dharmaraj Nadar (ruban.nadar@vpt.edu.in)

Brief Ideas of Project :
As our social and economic activities progress, the administration and management of parking facilities are increasingly challenging. For example, university campuses and medical facilities assign various levels of parking privileges to students, faculty, patients, and doctors. Patrons of transit stations and airports demand fast and convenient access to and egress from parking facilities in downtown and other activity center situations.

Screenshots of Project / Photos of Working Module :
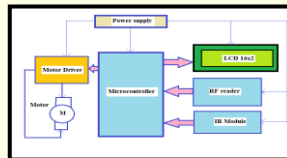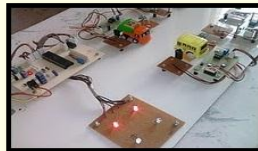
Applications :
1.This project is useful for automatic and fast processing of parking fees.
2.Parking lot increases customer safety and security.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title : **Advanced blog system**
Domain (Area of Project) : **Web Technology**

Name of Project Guide : **Mrs. Supriya Angne**

Name of Students :
Apurva Ashtekar(ap.as@gmail.com)
Harshal Mundgekar(harshal50@gmail.com)
Simran kondkari (simran1341998@gmail.com)
Renukadevi Kanan (Renukak@gmail.com)

Brief Ideas of Project :
Our software is specially designed for Vidyalankar college .Our blog connects teachers and students. It is used for communicating and sending messages, information, important notices, pictures ,etc. It consists of admin panel which is the backend of the software designed using JQUERRY, CSS , PHP, MYSQL and HTML languages.

Screenshots of Project / Photos of Working Module :
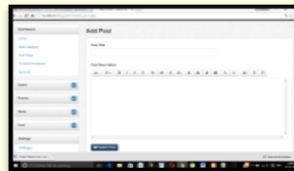
Applications :
• It can be used in education purpose

Industrial Project :
No

60

Department : Computer Engineering

Project Title   : **Real Estate Management System**
Domain (Area of Project)   : **Web Technology**


Name of Project Guide : Vibhuti Bendale

Name of Students :
Atik Sahibole
Owais Ansari

Brief Ideas of Project :
This website is an online real estate management system through which individual agents or buyer can maintain their property document keeping and managing property registration and also access its information and manage all the adding, updating, deleting as some of its tasks.

Screenshots of Project / Photos of Working Module :
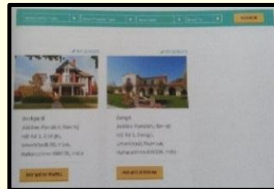
Applications :
Real Estate Industry

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   : **Customer Relationship Management System**
Domain (Area of Project)   : **Web Technology**

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

Name of Students :
Sneha Bhalekar(sneha.bhalekar@vpt.edu.in)
Karan Jolly (karan.jolly@vpt.edu.in)
Jagruti Kharat (jagruti.kharat@vpt.edu.in)
Siddhant Khosla (siddhant.khosla@vpt.edu.in)

Brief Ideas of Project :
CRM is concerned with the development and maintenance of mutually beneficial relationships with strategically significant partners. It's focus is to create long term value and not just short term profits, for the company and all it works with.

Screenshots of Project / Photos of Working Module :
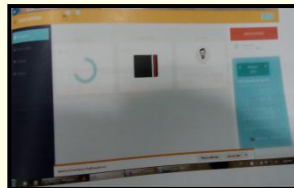
Applications :
1.Recording various sales processes, transferring leads directly from a website to CRM system.
2.In marketing and analytics applications.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   **: Video Dubbing System**
Domain (Area of Project)   **: Web Technology**

Name of Project Guide : Prasad Koyande

Name of Students:
Monil Shah(smonil619@gmail.com)
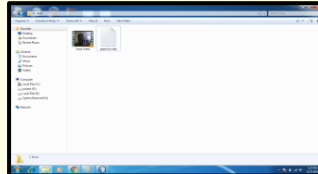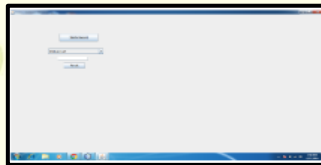Akshay Pujare (akshaypujare7@gmail.com)
Apoorv Bhiwandkar (zeapoorv@gmail.com)
Manisha Kalkuri (manishakalkuri@gmail.com)

Brief Ideas of Project :
Our project "Video Dubbing System" is to eliminate the language barrier by converting the data that is in video format from one language to another intended language.

Screenshots of Project / Photos of Working Module :

Applications :
1. Used to dub the conference, meetings and speech videos in different language.
2. Used for domestic purposes like dubbing movies, advertisement etc.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
VERVE 2016(1st)

Department : Computer Engineering

Project Title   : **Auto ER-Diagram Generator**
Domain (Area of Project)   : **Web Technology**

Name of Project Guide   : Shardul Dabholkar

Name of Students :
Ashiq Ekbal (theask360@gmail.com)
Amogh Kawle(rohitkawle810@gmail.com)
Amit Chaurasiya(kumbalaritesh@gmail.com)
Ritesh Kumbala

Brief Ideas of Project :
Start with the exact software design or ERD template you need—not just a blank screen. Put information related to ER-diagram and table. Like Entity, Attribute, relationship and the software will put them into the right place with the right symbols. All Entity, Attribute and relationship together it will create an ER Diagram and table.

Screenshots of Project / Photos of Working Module :
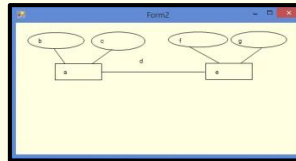
Applications :
School/Colleges
Industries

Awards if Any for TPP / Paper Publication / Any Other Please specify :
no

Department : Computer Engineering

Project Title : **RFID Based Library Management**
Domain (Area of Project) : **Web Technology**

Name of Project Guide : Sneha Patange

Name of Students :
Kalyani Donuthula(kalyani.donuthula@vpt.edu.in)
Tejaswini Pednekar (tejaswini.pednekar@vpt.edu.in)
S. Chitra (s.chitra@vpt.edu.in)
Amit Vhatkar (amit.vhatkar@vpt.edu.in)

Brief Ideas of Project :
Barcode has less read range and it can't read barcode if there is any obstacle between the reader and barcode. The current system has less storage of data & for storing more data we require a new system that should have more storage. Any person can handle this system.

Screenshots of Project / Photos of Working Module :
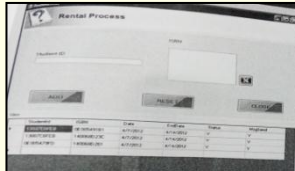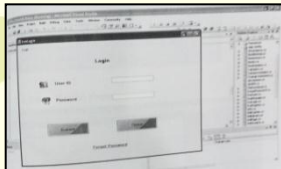
Applications :
1.This is used in college and school libraries.
2. It can also be used in other libraries.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   : **Society Management Software**
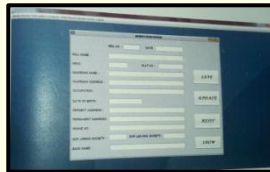**Domain (Area of Project)**   : **Web Technology**

Name of Project Guide : **Sharaddha Nimankar**

Name of Students :
Kamar Rizvi
Abhijit Bharankar
Akshay Pol
Akhilesh Prajapati

Brief Ideas of Project : The Project Society Management Software is for Computerizing the work in large Society, Small Society, Bussiness hub and etc. The Software decrease the manual work rapidly and helps to maintain society records and also maintain members information and everything is handled by an admin.Everything is stored in a particulat database and back up are taken revery day by an admin because of chances of losing data is very less.

Screenshots of Project / Photos of Working Module :

Applications :
Building, Societies, Bussiness hub

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title : **College Notice Board**
Domain (Area of Project) : **Web Technology**

Name of Project Guide : Kalpana Kinage

Name of Students:
Shubham Surve (ssurve0603@outlook.com)
Utsav Redekar (utsavredekar28@gmail.com)
Durgesh Pandey (pandeydurgesh@gmail.com)
Vishwesh Mandekar (mandekarvishwesh@gmail.com)

Brief Ideas of Project :
A college notice board is project made for the students so that they can get the notes & time table online on the site. The project gives us notes, time table & user can create their own id under the guidance of admin This project will be desktop Application to be developed in Visual Basic 2010 and database of sql server 2008.

Screenshots of Project / Photos of Working Module :
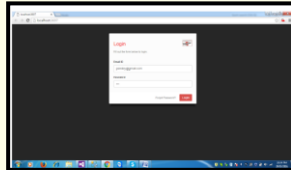
Applications :
School
college,university

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Computer Engineering

Project Title : **Hotspot Monitoring System.**
Domain (Area of Project) : **Web Technology**

Name of Project Guide : Prof. Vaishali Malkar

Name of Students :
Sarang Surve(sarangsurve126@gmail.com)
Rhishikesh Pingle(r016096@gmail.com)
Aditya Chipkar(achipkar5@gmail.com)
Sarvesh Sawardekar(sskenrock@gmail.com)

Brief Ideas of Project :
In Mobile Hotspot, if anyone hacks the network, then Host (Hotspot Creator) doesn't get any information about it.
To stop such activities and to allow host to monitor its hotspot network easily, the system is satisfying all the needs.
Due to this system, Every Host will provide their Hotspot very faithfully and confidently.

Screenshots of Project / Photos of Working Module :

Applications :
* Can be used in any mobile of android platform.
* Can be used monitor any hotspot or discover the MAC Address

Awards if Any for TPP / Paper Publication / Any Other Please specify : No
No

Department : Computer Engineering

Project Title   **: E-Canteen**
Domain (Area of Project)   **: Web Technology**

Name of Project Guide : Ketan Bagede

Name of Students :
Anup Singh (anup.singh@gmail.com)
Jignesh Chauhan (jignesh12@gmail.com)
Shree Madhav(shree.mAgmail.com)
Akhil Singh (akhil.singh@gmail.com)

Brief Ideas of Project :
E-Canteen is an android based application where the server is being used in particular office, collage etc, can use this application to order food from anywhere in campus. The application saves time and is used for fast process without waiting for the order in queue. In this Project Java, XML, Android SDK,MYSQL is used.

Screenshots of Project / Photos of Working Module :
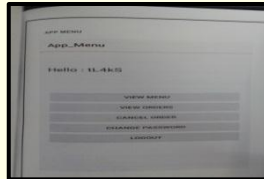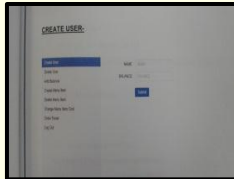
Applications :
- Offices
- Canteen

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   **: E-Shopping**
Domain (Area of Project)   **: Web Technology**

Name of Project Guide : Prof. Sudhir Lawand

Name of Students :
Amey Worlikar
Omkar Mestry
Aadesh Dukhande

Brief Ideas of Project : Shopping cart is an online application that enables to owners to sell their products online . It is a web shopping cart that connects seller with the buyer. This application is useful to anyone who wants to purchase any product online.

Screenshots of Project / Photos of Working Module :

Applications :
- Online shopping fro m anywhere.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   : **Vidyalankar Polytechnic Andriod Application**
Domain (Area of Project)   : **Mobile Application**

Name of Project Guide : Prof. Sonal Gupta

Name of Students :
Rutali Naik (rutali.naik@vpt.edu.in)
Vaishnavi Shinde (vaishnavi.shi@vpt.edu.in)
Parag Chirmule (parag.chirmule@vpt.edu.in)
Waseem Ali (waseem.ali@vpt.edu.in)

Brief Ideas of Project :
In this project, we have designed software named "Vidyalankar Application" that allows easy and user friendly interface between the teachers and students. This software is implemented on a mobile phone and the student can perform different operations and get the information. The Admin will add all the recent information and update them. This software is easily feasible for every user.

Screenshots of Project / Photos of Working Module :
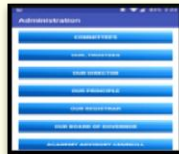
Applications :
* Accessible anywhere, anytime.
* Conveniently controlling and monitoring.
* Instant notification

Awards if Any for TPP / Paper Publication / Any Other Please specify : NO

Department : Computer Engineering

Project Title   **:** **Android based E menu**
Domain (Area of Project)   **:** **Mobile Application**

Name of Project Guide : Mrs. Supriya Angne

Name of Students :
Darshana Rane (darshana.rane@gmail.com)
Varsha Jain(varsha.jain@gmail.com)
Manjiri Dolas(manjiri.dolas@gmail.com)
Manasi Rahate(manasi.rahate@gmail.com)

Brief Ideas of Project : This project deals with digital ordering system for restaurant this system assist restaurant management groups by enabling customers to immediately makes orders on their own selves. This minimizes the number of minute to wait for the meal serving

Screenshots of Project / Photos of Working Module :

Applications :
- It can be used in restaurant to order menu.
- It can be used in any shop to order item which is sold in that shop

Industrial Project : No

Department : Computer Engineering

Project Title   : **Where is my Lecture? (Campus Mapping and Navigation)**
Domain (Area of Project)   : **Mobile Application**


Name of Project Guide : Meenakshi Khamkar

Name of Students :
Akhil Pisharody (Akhil.Pisharody @vpt.edu.in)
Rohan Pawar (Rohan.Pawar @vpt.edu.in)
Mark Duarte (Mark.Duarte @vpt.edu.in)
Raj Bhilare (Raj.Bhilare@vpt.edu.in)

Brief Ideas of Project :

'Where is my Lecture ?' Is a campus mapping and navigational android application. We have developed this navigational application which will be helpful to the students and the guests arriving at our campus to find classrooms and laboratories.

Screenshots of Project / Photos of Working Module :
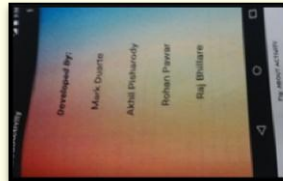
Applications :

• Easy for new students and guests to reach their classrooms or laboratories.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No.

Department : Computer Engineering

Project Title : **Android Location Alarm**
Domain (Area of Project) : **Mobile Application**

Name of Project Guide : Mrs. Supriya Angne

Name of Students :
Kartik Singrakhia (kartik.singrakhia@gmail.com)
Shivam Sutar (shivam sutar@gmail.com)
ShubhamMaurya(shubham.maurya@gmail.com)
Arman Merchant (arman.merchant@gmail.com)

Brief Ideas of Project : This application allows the user to manually place an alarm and then the alarm will trigger when the location is arrived, it includes automatic activation of the alarm and deactivation based on the location of the user.

Screenshots of Project / Photos of Working Module :

Applications :
* It can be used for load balancing
* It can be used in any location positioning system.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No.

Department : Computer Engineering

Project Title : **Holographic Video Player**
Domain (Area of Project) : **Mobile Application**

Name of Project Guide : **Mrs. Supriya Angne**

Name of Students :
Saideep Dicholkar (saideepdicholkar@gmail.com)
Darshan Tandel (darshantandel50@gmail.com)
Omkar Baswat (okbaswat1341998@gmail.com)
Jigar Panchal (panchaljigar82@gmail.com)

Brief Ideas of Project :
The software will take input of a video file and play it in 4 different angles so the resulting projection of image will appear to be realistic and 3D. The videos that the software will play will be projected on the Holographic Pyramid and the user can watch the Holographic view on this Pyramid.

Screenshots of Project / Photos of Working Module :

Applications :
- It can be used in Medical field to easily understand about the Human Anatomy and Biology
- Marketing with 3D Holographic display
- Holographic Demo of Product at its Launch Event

Industrial Project :
Successfully completed Industrial Project assigned by L&T Institute of Technology.

Department : Computer Engineering

Project Title   :   **GPS Based Navigation For Visually Impaired**
Domain (Area of Project)   :   **Mobile Application**

Name of Project Guide : Prof. Sudhir Lawand

Name of Students :
Shweta Kori
Nikita Sawant
Aarti Ingale
Ruchika Mhatre

Brief Ideas of Project : To guide blind people with voice navigated GPS using an Android phone. The main aim of the project is to provide the navigation information via audible messages to visually impaired person as well as for the one who does not know the directions or route of a particular place,

Screenshots of Project / Photos of Working Module :

Applications :
To help visually Impaired individual.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   : **Complaint Box**
Domain (Area of Project)   : **Mobile Application**

Name of Project Guide : **Prerana Jalgaonkar**

Name of Students:
Apoorva Patil (apporvapatil@gmail.com)
Deborah Kammu(debokammu@yahoo.com)
Navneet Pandey (navneetpandey@yahoo.com)
Shaikh Anees (shaikhanees@gmail.com)

Brief Ideas of Project :
It is android application that can be used to eliminate drawback of traditional complain launching system. Through this application people can launch complaint against phone theft, disputes etc. over the phone. The OTP will be sent for the authentication .

Screenshots of Project / Photos of Working Module :
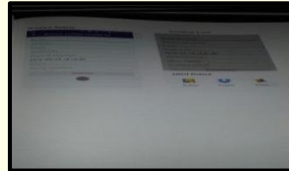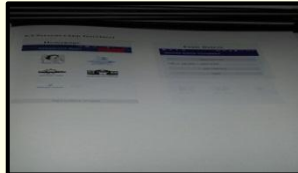
Applications :
Individual can use it for launching complaints.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Second Prize in project exhibition held in the institute

Department : Computer Engineering

Project Title : **Mobile charging using coin and solar panel**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Chetana J. Kolte

Name of Students :
Ashish Gupta (ashishguptangupta@gmail.com)
Yash Shetye (yashshetye69@gmail.com)
Sarvesh Saple (sarvesh.saple@gmail.com)
Rohan Vartak (rohanvartak7@gmail.com)

Brief Ideas of Project :
This project describes the mobile charger using solar tracking system based on the coin. The mobile phone business is currently worth billions of dollars and supports of most number of features in every mobile phone with different operating systems.

Screenshots of Project / Photos of Working Module :
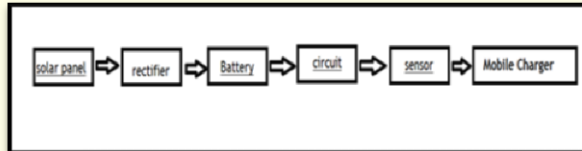
Applications :
1. The coin based mobile phone charger is very useful to public for using coin to charge for the mobile phone in any place
2. Can be used to charge different type of mobile

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title : **Home Appliance Control Using Android Application.**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Chetana J. Kolte

Name of Students :
Varad Sarpole (varadsarpole@gmail.com)
Siddesh Kotian (kotiansiddesh07@gmail.com)
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Aditya Kamble (royalakenfield@gmail.com)

Brief Ideas of Project :
This project helps to control the electrical loads with the help of android application.
This system solves the issue by interfacing a unit with home appliances that switches these loads based on the input received from android device.

Screenshots of Project / Photos of Working Module :

Applications :
1. Auditoriums and theatres
2. For Handicapped people
3. Hospitals

Awards if Any for TPP / Paper Publication / Any Other Please specify :No

Department : Computer Engineering

Project Title   : **Breath Controlled Wheel chair**
Domain (Area of Project)   : **Embedded System**

Name of Project Guide   : Vijay.T.Patil

Name of Students :
Hasnain Shaikh (hasnains312@gmail.com)
Izhar Ansari (izhar93200@gmail.com)
Roshan Ray(roshanrayy123@gmail.com)
Prem Gane (premgane 97@gmail.com)

Brief Ideas of Project :
The objective of this work is to model the system made up for a person with disability called electric wheelchair. The project "Breath Control Wheelchair" is basically a wheelchair wherein it is control with the inhalation and exhalation of breath using mic and signal conditioning circuit. Depending upon the breath taken in and out, the wheelchair will move into Forward, Backward, Left and Right directions.

Screenshots of Project / Photos of Working Module :
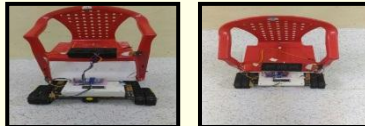
Applications :
- Paralysed person can handle his wheelchair without depending on any other person.
- A person who is disabled with legs, arm, or any other body part except eye or who cant speech even such a person also can handle his wheelchair independently.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
NATIONAL LEVEL PROJECT COMPETITION 2nd , STATE LEVEL PAPER 1ST

Department : Computer Engineering

Project Title : **Gesture Control Robot**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Prof. Sonal Gupta

Name of Students :
Kajal Jadhav (kajal.jadhav@vpt.edu.in)
Sagarika Chanekar (sagarika@vpt.edu.in)
Bhagyashree Kadam(bhagyashree@vpt.edu.in)

Brief Ideas of Project :
In this project various methodologies have been analyzed and reviewed with their merits and demerits under various operational and functional strategies. Thus , it can be concluded that features like user friendly interface, light weight and probability of android OS based smart phone has been overtaken the sophistication of technologies like static movement, etc., making them obsolete.

Screenshots of Project / Photos of Working Module :
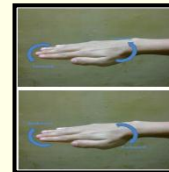
Applications :
1. Remote control with the wave of a hand of various devices is possible.
2. Helpful for handicapped and physically disabled people to achieve certain tasks, such as driving a vehicle.
3. Can be used to control interactions for entertainment purpose such as gaming to make the game players experience more interactive or immersive

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title : **Fully Automated Solar Grass Cutter**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Sangeeta Wankhade

Name of Students :
Pranav Nikam (nikampranav70@gmail.com)
Shubham Jagushte(shubhamjagushte24@gmail.com)
Rohit Sunar (rohitsunar31@gmail.com)
Shubham Sorap (shubham.sorap@gmail.com)

Brief Ideas of Project :
The fully automated solar grass cutter is a fully automated grass cutting robotic vehicle powered by solar energy that also avoids obstacles and is capable of fully automated grass cutting without the need of any human interaction.
Initially Grass Cutting was dependent totally on Human Efforts or grazing of animals. After few years grass cutting machines were introduced.

Screenshots of Project / Photos of Working Module :

Applications :
*   All playgrounds.
*   Lawns and gardens.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title : **Solar based street lamp control**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Vijay Patil

Name of Students :
Pranav Chandran (pranavc@gmail.com)
Tanmay Salekar (tanmay.21@gmail.com)
Kunal Patil (KP23@rediffmail.com)
Adil Khan (adilk@gmail.com)

Brief Ideas of Project :
The main aim of this project is to control the street light using android and the use of solar panel gives us the knowledge or an idea of how a use natural resources and use for different purposes.

Screenshots of Project / Photos of Working Module :

Applications :
- Solar street lights are independent of the utility grid and hence the operation costs are minimized.
- Maintenance is less as compared to conventional street light
- Solar based street light is useful in remote area where electricity is not possible.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Spinning LED PC Controller**
Domain (Area of Project)   : **Embedded System**

Name of Project Guide : Chetana J. Kolte

Name of Students :
Ankita Vinod Babshetye (babshetyeankita@gmail.com)
Ruchira Ashok Ambule (ambuleruchira16@gmail.com)
Vaibhavi Deepak Dalvi (dalvi959vaibhavi@gmail.com)
Vaishnavi Pednekar (pednekarvaishnavi97@gmail.com)

Brief Ideas of Project :
The project consists of Spinning LED display using PC control which displays the messages send by the user at the handheld device i.e via GSM mobile. if there are no inputs from the user for the system, the message that is programmed in the microcontroller will be displayed continuously

Screenshots of Project / Photos of Working Module :
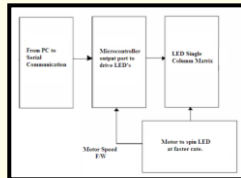
Applications :
1.   College campus   2. Government units   3. Offices   4. Schools   5.Stock Market

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Flex sensor based gloves for mute people**
Domain (Area of Project) :   **Embedded System**

Name of Project Guide : Manisha Pokharkar

Name of Students:
Prajakta Sawant (sawnat.prajakta@gmail.com)
Kashika Wanchoo(kashika.wanchoo@gmail.com)
Shruti Adhivarekar (adhivarekar.shruti@gmail.com)
Ankita Khandagale(ankita.khandagale@gmail.com)

Brief Ideas of Project :

The objective of this work is to design a glove with flex sensors. Depending upon the gestures of the figure the required sign is deducted and display on the LCD. This method ensures effective communication.

Screenshots of Project / Photos of Working Module :
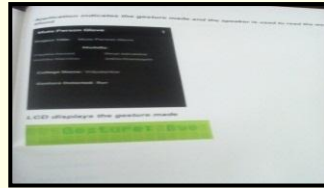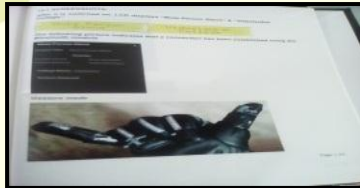
Applications :
- It can be used by dumb and deaf students who find it difficult communicating to people unaware of sign language.
- It can be used by mute employees who work in software companies.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title : **Controlling LED Bulbs on solar energy**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Meenakshi Khamkar

Name of Students :
Pranil.Bhilare (Pranil.Bhilare@vpt.edu.in)
Viraj Kadam (Viraj.Kadam@vpt.edu.in)
Akash Bamne (Akash.Bamne@vpt.edu.in)
Omkar Angane (Omkar.Angane@vpt.edu.in

Brief Ideas of Project :
This project develops a smart LED lighting system, which is controlled by Android apps via handheld devices, for eg. smartphones, tablets and so forth. The status of energy use is reflected by readings displayed on a handheld device and it is treated as a criteria in the lighting mode design of a system.

Screenshots of Project / Photos of Working Module :
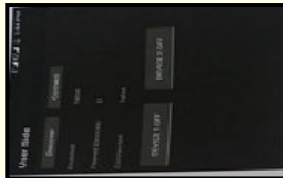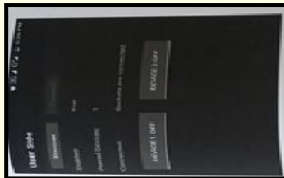
Applications :
* Hospitals, Banks and other Big Organization can control their systems
* Street light automation using LDR sensor

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title : **Propeller Clock**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Prof. Poonam Pandhire

Name of Students :
Prajay Mankar (mankarprajay@gmail.com)
Aniket Patil (herr.aniket@gmail.com)
Siddhesh Hemade (siddhesh12hemade@gmail.com)
Yash Samel (yashsamel028@gmail.com)

Brief Ideas of Project :
The Propeller Clock is an electronic device which has a series of LEDs on board that rotate with the help of a motor to give an illusion of a watching a clock (Digital or Analogue). This requires a DC motor which rotates the PCB connected to it with sufficient speed so as to create the illusion.

Screenshots of Project / Photos of Working Module :
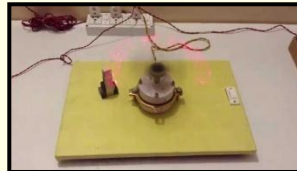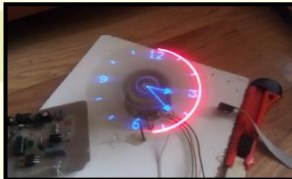
Applications :
•   It can be used as low cost LED display.
•   It can also be used as a futuristic clock display.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title : **Home Automation System Using GSM**
Domain (Area of Project) : **Embedded System**

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

Name of Students :
Sushan Sahu (sshau@gmail.com)
Soman Sunar (soma@gmail.com)
Jerry D'Souza(jds20@gmail.com)

Brief Ideas of Project :

Home automation is the residential extension of building automation and involves the control and automation of lighting, heating, ventilation, air conditioning (HVAC), appliances, and security. Modern systems generally consist of switches and sensors connected to a central hub sometimes called a "gateway" from which the system is controlled with a user interface that is interacted either with a wall-mounted terminal, mobile phone software, tablet computer or a web interface.

Screenshots of Project / Photos of Working Module :

Applications : Adds Safety Through Appliance and Lighting Control, Secures Home Through Automated Door Locks

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Wi-Fi Dustbin**
Domain (Area of Project)   : **Embedded System**



Name of Project Guide : Manisha Pokharkar

Name of Students:
Nitesh Bhanji (nitesh_bhanji@gmail.com)
Manas Talekar (talekar.manas@gmail.com)
Sarthak Parab (sarthak.parab@gmail.com)
Mahesh Bakve (mahesh.bakve@gmail.com)

Brief Ideas of Project :
The objective of this work is to design a WI-FI dustbin where users get awarded for keeping their surrounding clean.

Screenshots of Project / Photos of Working Module :
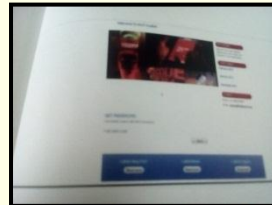
Applications :
- Cleanliness of our environment
- Awarding users with free WI-FI for keeping the surrounding clean.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Electronic Oxygen Tree**
Domain (Area of Project)   : **Embedded System**

Name of Project Guide : Poonam Pandire

Name of Students :
Shriya Namgure (sh.nm@ gmail.com)
Nitisha Dalvi (nitisha@gmail.com)
Mrunali Shirodkar (mr.sh @gmail.com)
Supriya Nalawade (priya @ gmail.com)

Brief Ideas of Project : This project will produce oxygen and hydrogen from waste water. Oxygen tree is revolutionary lightening concept that represents symbiosis between pioneering design and eco compatible technology

Screenshots of Project / Photos of Working Module :

Applications :
* It is used for advertisement display.
* It is useful in in producing oxygen for human being.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   **: Automated Irrigation**
Domain (Area of Project)   **: Embedded System**

Name of Project Guide   : Manisha Pokharkar

Name of Students:
shruti Adhav (shruti.adhav@gmail.com)
Pranali Mandve (mandve_pranali@gmail.com)
Kiran Varpe (varpe_Kiran@gmail.com)
Soanli Sarap (sonali.sarap@gmail.com)

Brief Ideas of Project :
The objective of this work is to design a small-scale automated irrigation system that would use water in a more efficient way, in order to prevent water loss and minimize the cost of labour.

Screenshots of Project / Photos of Working Module :

Applications :
*   If we unable to drag houses and sprinklers or we are just tired of manually irrigating and automated system could be the ticket.

Department : Computer Engineering

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

Name of Project Guide : Prof. Sonal Gupta

Name of Students :
Anubhav Raman (anubhav@gmail.com)
Romaan Shaikh (shaikh@gmail.com)
Sarthak Ambardekar (sarthi.ambardekar@gmail.com)
Saumitra Purandare (saumitrapurandare@gmail.com)

Brief Ideas of Project :
Our project allows the user to know the student's attendance and marks quickly through the mobile without the intention of the college authority. Presentation in the class and outcome of the university are made reachable to the parents by our project. The Interactive Voice Response (IVR) System serves as a bridge between people and computer databases by connecting the telephone network with the database.

Screenshots of Project / Photos of Working Module :

Applications :
- Business are currently using speech enabled IVRS in the following ways: -
- Package tracking, Stock quotes and trading, Insurance clamming, Travel booking

Awards if Any for TPP / Paper Publication / Any Other Please specify : NO

Department : Computer Engineering

Project Title : **Density Based Traffic Controlling System with Android Overriding Technology**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Rupali Desai

Name of Students :
Asim Farooque Sayyed
Tanveer Sham Shinde
Krupa Dilip Narvekar
Pratik Lalji Mishra

Brief Ideas of Project :
The project aims to provide an effective solution for the traffic signal system to override the normal signal timings during emergency automatically. It happens when there is an emergency situation like ambulance, fire brigade stuck in traffic; they require priority to go first.

Screenshots of Project / Photos of Working Module :

Applications :
1.This can be used for any traffic signal.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title   : **Smart Cab**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Rupali Desai

Name of Students :
Safwan Khan (safwan.khan@vpt.edu.in)
Chinmay Shetye (chinmay.shetye@vpt.edu.in)
Shubham Kale (shubham.kale@vpt.edu.in)

Brief Ideas of Project :

Smart cab barcode is specially designed for cab operators who operate a fleet of vehicles for hire. Smart Cab enables you to book the cab in the easiest way irrespective location of vehicles. It automates your entire front-office operations like accepting customer bookings, allocation of vehicles & customer invoices.

Screenshots of Project / Photos of Working Module :
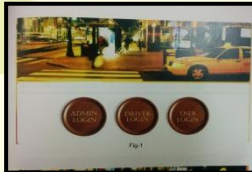
Applications :

1.This system can be used by all kind of cab drivers in inter-city and out of stations.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title : **Speed Detector and Analyser**
Domain (Area of Project) : **Embedded System**

Name of Project Guide : Prasad Jairam Koyande

Name of Students :
Sagar Desai (sagar.desai@gmail.com)
Omkar Hegishte (omkar.h@gmail.com)
Shubham Bhojane (shubham.b@gmail.com)
Sugam Thale (sugam.thale@gmail.com)

Brief Ideas of Project :
The traffic population has increased considerably in India as there is no means of control or monitor the speed of vehicles running on roads. This system proves highly effective in detection of over speed driving. It is not at all necessary that such accidents are result of driving under the influence of alcohol as even a person who hasn't consumed alcohol can drive in a reckless manner.

Screenshots of Project / Photos of Working Module :
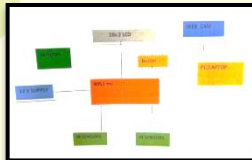
Applications :
Can used at Highways to maintain safety of Human Life
Maintain Record of vehicle running on road

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Computer Engineering

Project Title : **Vehicle Movement Based Street Lights**
Domain (Area of Project) : **Embedded System**

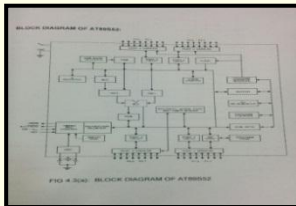**Name of Project Guide : Shraddha Nimankar**

Name of Students :
Vikas Jaiswar
Anmol nahariya
Niraj Dangi
Suraj Vishwakarma

Brief Ideas of Project :
This is an embedded system with software driven used to control street light functioning on road with the help of various vehicle movement.

Screenshots of Project / Photos of Working Module :

Applications :
1. Highways, Industries, Museums

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Computer Engineering

Project Title : **Artificial intelligence based Sudoku solver**
Domain (Area of Project) : **Artificial intelligence**

**Name of Project Guide : Poonam Pandire**

Name of Students :
Trishala Patilsh (trishala @ gmail.com)
Tejswi Pawar (tj.pawat@gmail.com)
Anirudhha Redkar (ani12@gmail.com)

Brief Ideas of Project : This project detects and recognize the element of a Sudoku-Puzzle and providing a digital copy of the solution for it. This application involves a vision based Sudoku solver.

Screenshots of Project / Photos of Working Module :
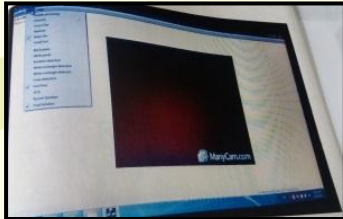
Applications :
- It can be used for PCB routing software application
- It can be used for Block diagram to circuit diagram convertors.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Computer Engineering

Project Title   : **Automated TimeTable Generator**
Domain (Area of Project)   : **Algorithm**

Name of Project Guide : Mrs.Manisha Pokharkar

Name of Students :
Prasad Pol (prasad1@gmail.com)
Prathamesh Mayekar (pm@ymail.com
Ben Zachariah(benzach1697@gmail.com)
Madhav Sharma (madhav s@gmail.com)

Brief Ideas of Project :
The project proposed by us tries to solve the tedious job of assessing, sorting, planning and drafting a time table for an institute. This problem is solved by automating the process by implementing various scheduling and sorting algorithms so as to produce the time table without any glitches or redundancies.

Screenshots of Project / Photos of Working Module :

Applications :
*   Colleges : To draft and design a time table to suit the lectures conducted in accordance to the curriculum prescribed by the college or university.
*   Schools : To draft the time table for the school in accordance to the school subjects, etc.

Awards if Any for TPP / Paper Publication / Any Other Please specify : No

Department : Electronics And Telecommunication

Project Title   : **Automatic Ticket Vending Machine**
Domain (Area of Project)   : **Wireless Communication**

Name of Project Guide : Miss . Ankita Khanna

Name of Students :
Prasad Wagh (prasad wagh95@gmail.com)
 Makarand Ghatka(makarand160@gmail.com)
Yash Parkar (yash1112parkar@gmail.com)
Samir Raut (sameer19021997@gmail.com)

Brief Ideas of Project :
The developed dispensing machine consists of a wireless sensor which initially sends a pulse to the programmer which guides the motor to rotate accordingly.
The motor will rotate accordingly and the notes will come out from a window.
The notes that are selected drops from the slot after each motor rotates.

Screenshots of Project / Photos of Working Module :

Applications :
In schools , colleges and any offices .
After certain advancements the machine can be used for various other purposes.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Participation Certificate in TechnoMantra Paper presnetation.
Certificate for participation in Technical Zodiac 2016 paper presentation.

Department : Electronics And Telecommunication

Project Title   : **Water Logging Control using GSM**
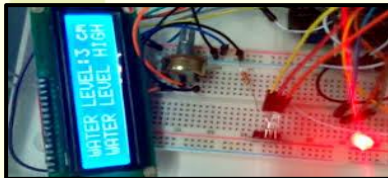**Domain (Area of Project)** : **Communication**

Name of Project Guide : Mr. Servesh Gupta

Name of Students :
Rakesh Sharma
Kutubuddin Shaikh
Sujeet Vishvakarma

Brief Ideas of Project :

This simple water level indicator circuit monitors the presence of water level in certain location or subway. The circuit sends an acoustic alarm when it senses water crossing a particular level. The water level indicator circuit makes this system automatic, i.e. it switches on the pump when the water level crosses particular level and switches it off as soon as the water level reaches a pre-determined level.

Screenshots of Project / Photos of Working Module :

Applications :

To inform about water logging in various area.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Power management using Zigbee**
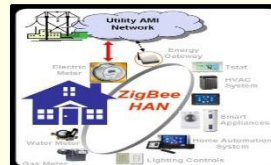**Domain (Area of Project)** : **Communication**

Name of Project Guide : Prof. Pranjali Patil

Name of Students :
Siddhi Khanvilkar
Sanhita Vichare
Vaishnavi Bhavar

Brief Ideas of Project :
The world is facing the biggest problem of power. In many countries the increase in demand is growing at a faster rate than transmission capacity and also the cost of providing power is also increasing due to the higher coal prices and deficiency of fuel. To overcome the problem of power distribution this project provides wireless sensor network by managing the equal power distribution by using zigbee network sensor.

Screenshots of Project / Photos of Working Module :

Applications :
This project can be used in remote villages facing load shading.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Automatic vaccum cleaner**
Domain (Area of Project) : **Wireless Communication**

**Name of Project Guide : Ms.Ankita Khanna**

Name of Students :
Sanket mhatre
Vishal Maurya
Wajid Ali Shah

Brief Ideas of Project :

This project mainly use in our daily house hold purpose the advantage of the project is it require very small space it can be easily taken from one place to another .mainly the project base on a obstacle detector sensor when there is an obstacle the object turn automatically this project cost is very less and there is an fan which suck the dirt from the surface and keep it in the collector bag.

Screenshots of Project / Photos of Working Module :
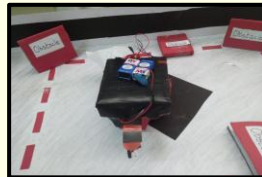
Applications :
Daily house hold work
Work in a narrow area

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Remote Operated Spy Vehicle System**
**Domain (Area of Project)** : **Communications**

Name of Project Guide : Miss. Minal Tandale

Name of Students :
Sushil Chavan
Ameya Desai
Amey Ghugare
Omkar Naringrekar

Brief Ideas of Project :
The development of technologies the wireless SPY VEHICLE is guided by computer or laptop, programming, and is thus able to do tasks on its own. Wireless controlled vehicle use RF circuits which have drawbacks of limited working range, frequency range and limited control. Spy Vehicle can capture audio and video information from the surroundings and can be sending through RF signal.

Screenshots of Project / Photos of Working Module :
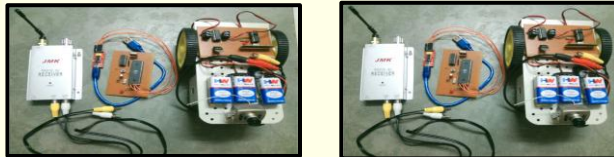
Applications :
* Temporary security surveillance
* Airports: airplane parking, perimeter

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Water quality measurement using GSM**
Domain (Area of Project) : **Wireless Communication**


Name of Project Guide : Ms.Ankita khanna

Name of Students :
Pawan Gupta
Abhishek Jaiswar
Amit Singh
Ashwin Kadam

Brief Ideas of Project :
Overall style of the system As shown within the diagram the system consists of assorted water quality measuring sensors like PH, turbidity, conductivity and temperature, ADC, microcontroller 8051, GSM module and LCD. The water quality measuring system uses pH, turbidity, conductivity and temperature device to measure the standard of water.

Screenshots of Project / Photos of Working Module :
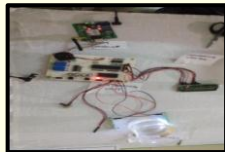
Applications :
This system is used in commercial and domestic use.
Water supply agencies.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No award

Department : Electronics And Telecommunication

Project Title   : **GSM Based Car Parking System.**
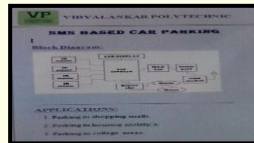**Domain**   : **Communication**

Name of Project Guide: Prof. Pranesh Naik

Name of Students :
Komal Bangar.
Khan Zobia Samin.
Priyanka Waje.

Brief Ideas of Project:
1.The project involves a system including infrared transmitter and receiver in very lane and a LED & LCD display outside the car parking gate.
2. So the person entering parking area can view the LED display and can decide which lane to enter so as to park the car.

Screenshots of Project / Photos of Working Module :

Applications :
1. Parking in shopping malls**.**
2.Parking in college areas.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
1. V-Technovation (Consolation prize).

Department : Electronics And Telecommunication

Project Title   : **Automatic Bottle Filling System Using PLC**
Domain (Area of Project) : **Control Systems**

Name of Project Guide : Prof. Imran Sayyed

Name of Student :
Amit Shanbhag
Pratik Talekar
Pritesh Jaiswar
Arundhati Khot

Brief Ideas of Project :
When we switch on the power supply whole process starts. First the motor starts rotating so when the bottle comes in front of inductive sensor motor stops because sensor detects the foil mounted around the bottom part of bottle, so the solenoid will turn on and water starts filling into the bottle,

Screenshots of Project / Photos of Working Module :

Applications :
• Water Management system
• Process industries

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Runner Up's in VP TECHNOMANTRA Project competition

Department : Electronics And Telecommunication

Project Title   : **LED based street light system with auto intensity control from solar panel**
Domain (Area of Project)   : **Control systems**

**Name of Project Guide : Prof Shrinivas Paivernekar**

Name of Students :
Aniket Karande
Jinesh Pithadia
Sanmesh Kamble
Omkar Rawool

Brief Ideas of Project :
The project is designed for LED based street lights with auto intensity control using solar power from photovoltaic cells. Photovoltaic panels are used for charging batteries by converting the sunlight into electricity. A charge controller circuit is used to control the charging. Intensity of street lights is required to be kept high during the peak hours. As the traffic on the roads tends to decrease slowly in late nights, the intensity can be reduced progressively till morning to save energy. Thus, the street lights switch ON at the dusk and then switch OFF at the dawn automatically. The process repeats every day.

Screenshots of Project / Photos of Working Module :
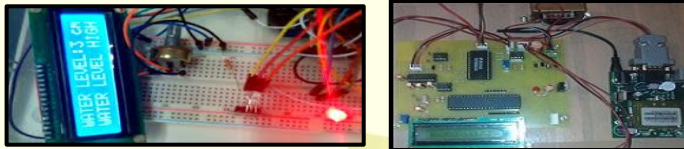
Applications : In area of energy conversion and conservation

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Automatic Shifting Of Road Divider Using Solar Panel**
Domain (Area of Project) : **Control Systems**

Name of Project Guide : **Mr.Vinit Mhatre**

Name of Student :
Mayur Donwalker
Muktesh Samant
Rohit Mudalkar
Abhishek Wadkar

Brief Ideas of Project : Road Divider is generically used for dividing the Road for ongoing and incoming traffic .
This helps keeping the flow of traffic
Generally there is equal number of lanes for both on going and incoming traffic .
Static Road Dividers -These are generically available Road Dividers today which are generally static . They can be sometimes moved yet the whole process is manual and needs human intervention . Human intervention doesn't make it feasible to shift the divider frequently .

Screenshots of Project / Photos of Working Module :

Applications :
Toll system

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Persistence of vision display**

Domain (Area of Project)   : **Control systems**

**Name of Project Guide : Prof Shrinivas Paivernekar**

Name of Students:
Sharjeel Mirajkar
Akash Gupta
Srinath Dabre
Samreen Pathan

Brief Ideas of Project :

In current era in which energy is the main factor in designing all the applications, maximum and efficient use of the energy is   very important. A POV display has many advantages over a traditional CRT, LCD or LED display, like power savings, less complexity, easy configuration, attractiveness etc. To overcome the drawback of old processor we have decided to implement the same display atop a new and advanced microprocessor, the Arduino

Screenshots of Project / Photos of Working Module :
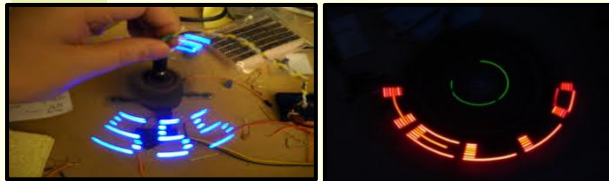
Applications : In area of energy conservation

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics & Telecommunication - Control System

Project Title   : **Process Tank Control**
**Domain (Area of Project)**   : **Control systems**

Name of Project Guide : Prof. Imran Sayyed

Name of Student :
Mohammed Zaid Saiyed
Aatif Dakhway
Abhishek Saste
Yasir Sayyed

Brief Ideas of Project :
Automation of the process in which two liquids of different density or colour can be mixed using a PLC(Programmable logic controller) and solenoid valves for releasing specific amount of liquid at a particular time and a mixer to mix both the liquids

Screenshots of Project / Photos of Working Module :
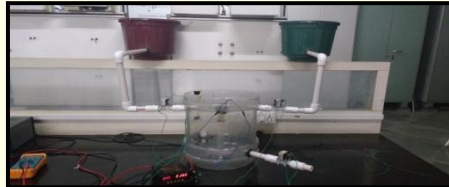
Applications :
- Fluid level control in BTS station
- Water level control in Boiler

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Automatic Street Light Control**
Domain (Area of Project) : **Control system**

**Name Of Project Guide : Kalyani Vaidya**

Name Of Students :
Akbar KHAN
Vinayak Adkar
Pranit Keny
Adil Ansari Ahmed

Brief Ideas of Project :

The project is as far as simply designed to consume electricity ,so the main idea is used is LDR which senses the day light and automatically turn off the street light and in night it works vise versa.

Screenshots of Project / Photos of Working Module :
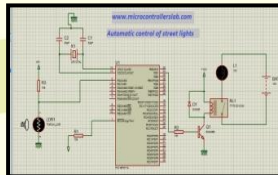
Applications :
- Street light
- Garden lights

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   :   **Drowsiness Detector**
Domain (Area of Project)   :   **Embedded System**

Name of Project Guide : Tanvi Gursale

Name of Students :
Samidha Tawde
Isha Utekar
Sonal Kadam
Neha Sawant

Brief Ideas of Project :

Preventing drowsiness during driving requires a method of accurately detecting a decline in a driver alertness and a method for alerting and refreshing a driver. As a detecting method, we have developed a system that uses eye blink processing technology to analyze images of the driver's eyes taken by the eye blink sensor.

Screenshots of Project / Photos of Working Module :

Applications :
• Used in trains, airplanes, cars, etc.
• Used in military operations

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **GSM based notice board**
**Domain (Area of Project)** : **Embedded System**

Name of Project Guide : **Prof. Richa R.**

Name of Students :
Vaibhav Bhanushali
Rupesh Rawar
Mayur Kave
Sarvesh Surve
Chetan Kamble

Brief Ideas of Project :\

It presents an SMS based notice board incorporating the widely used GSM to facilitate the communication of displaying message on notice board via user's mobile phone. SIM300 GSM modem with a SIM card is interfaced to the ports of the microcontroller with the help of AT commands.

Screenshots of Project / Photos of Working Module :
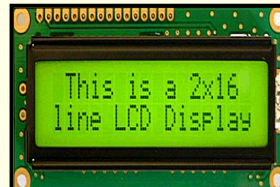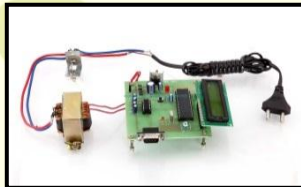
Applications :

This project is also used in organizations, schools and colleges.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Indra Shower**
Domain (Area of Project)   : **Embedded System**

Name of Project Guide : Rohit Sharma

Name of Students :
Shubham Churry
Siddharth Naik
Prasad Sate
Tanmay K.

Brief Ideas of Project : In this project we talk about an irrational implement of the water problems and how to solve it.

We propose an automatic shower.In this first stage of development of this project, we implemented a presence sensor that covers an area in which to detect the user, and flow of water circulating in the pipes .For this simulation stage the water will be driven by a submersible pump, but in its implementation stage, the water flow will be given by a solenoid.Water consumption will be counted by a flow meter.

Screenshots of Project / Photos of Working Module :

Applications :
•   Home and hotels.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Function generator in MHz**
Domain (Area of Project) : **Embedded System**


Name of Project Guide : Arpit bankar

Name of Students:
shailesh thakur
rohan parwadi
suraj salunkhe
santosh patil

Brief Ideas of Project :

Function Generator is an essential laboratory equipment. The module described here is based on high quality XR2206 IC. 1Hz - 2MHz XR2206 Function Generator is capable of producing high quality sine, square and triangle waveforms of high-stability and accuracy.

Screenshot s of Project / Photos of Working Module :
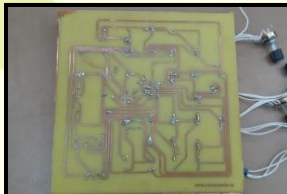
Applications :

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   **: Corn Seed Feeder**
Domain (Area of Project)   **: Embedded System**

Name of Project Guide : Tanvi Gursale

Name of Students :
Aishwarya Kadam(ashkadam@rocketmail.com)
Shreyas Bhike(shreyasbhike@gmail.com)
Prathamesh Naik (prathamesh.naik@vpt.edu.in)
Faizan Khan faizankhan2714@gmail.com)

Brief Ideas of Project : Sensor guided rover for digging, precise speed positioning and sowing has been proposed to reduce the human effort and also to increase the yield.
Robot uses solar panel for power saving

Screenshots of Project / Photos of Working Module :

Applications :
1) It is used for digging and sowing.
2) It can be used for drip irrigation and sprinkler irrigation.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Android Controlled robotic arm**
Domain (Area of Project)   : **Embedded**

Name of Project Guide : Tanvi Gursale

Name of Students :
Bhavsheel Wadhera (sheel_coolguy97@yahoo.com)
Aniket Patil (patilaniket166@gmail.com)
Ankit Patil (patilankit422@gmail.com)

Brief Ideas of Project :

The system provides a pick and place robotic arm which is a soft catching gripper system. It can be used to pick and place objects as needed. This arm is mounted on a robotic vehicle that can be controlled wirelessly through an android mobile phone. The android phone acts as the controller used to transmit the control commands through Bluetooth

Screenshots of Project / Photos of Working Module :
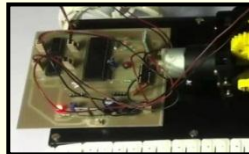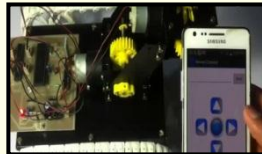
Applications :
Material handling, packaging, Raping , as a welder/ curter

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Password Based Circuit Breaker**
Domain (Area Of Project) : **Embedded System**

Name of Project Guide : Helina Tandel

Name of Students:
Akshay Singh
Gurpreet Singh
Imad R. Mujawar
Sampat Kalal
Tilak Magodia

Brief Ideas of Project :
- A circuit breaker is an automatically operated electrical switch designed to protect an electrical circuit from damage caused by overload or short circuit.
- Its basic function is to detect a fault condition and interrupt current flow.

Screenshots of Project / Photos of Working Module :

Applications :
- Used in electrical substations to ensure line man safety
- This system is used in hotels and shopping malls to save the power.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Eye blink sensor & accident prevention**
Domain (Area of Project) : **Embeded System**

Name of Project Guide : Anjali Gharat.

Name of Students :
Sankesh Shinde
Dipesh Khaire
Amol Pawar
Rahul Pande

Brief Ideas of Project :
The project involves measure and controls the eye blink using IR sensor. The IR transmitter is used to transmit the infrared rays in our eye. The IR receiver is used to receive the reflected rays of eyes. If the eye is closed means the output of IR receiver is low otherwise the IR receiver output is high.

Screenshots of Project / Photos of Working Module :

Applications :
•   Security guard cabins
•   Automobiles

•   **Awards if Any for TPP / Paper Publication / Any Other Please specify :**

Department : Electronics And Telecommunication

Project Title   : **Gas Level Sensor And Gas Leakage Detector**
Domain (Area of Project) : **Embedded systems**

**Name of Project Guide : Mrs. Kirthi Gupta**

Name of Students :
Vedant Ojha
Usaman Shaikh
Gulam Sayed
Ismail Solkar

Brief Ideas of Project :

We see our moms working in kitchen every day. It is quite difficult to manage us as well as all the house hold. Cooking is one department where our demands never end. We want different dishes every day and they try their best in fulfilling our wishes. But along with cooking comes the tension of when we may run out of gas and eventually it adds up to the problems of no gas or borrowing gas or ordering food from outside.

Screenshots of Project / Photos of Working Module :
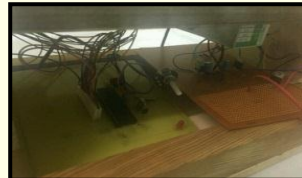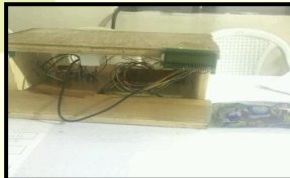
Applications :

To measure weight of gas.to check gas leakage.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Car over speeding detection**
Domain (Area of Project) : **Embedded System**

**Name of Project Guide : Kalyani Vaidya**

Name of Students :
Onkar Sawant
Shoeb Syed
Gomoji
Sahil Ansari

Brief Ideas of Project :

Our proposed project aims to develop a system that detects cars driving at speeds over specified limit and inform concerned authorities immediately. Road accidents occurrences have increased recently so there needs to be a system that allows to detect overspeeding cars. Current speed detection systems are handheld guns held by police personnel that allow them to check car speed and then manually inform authorities about the vehicle.

Screenshots of Project / Photos of Working Module :
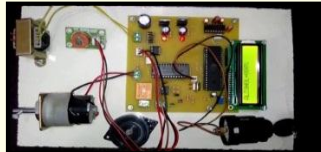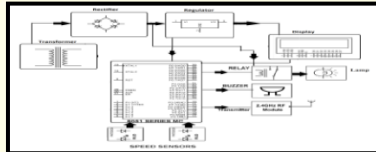
Applications :

1.This can be used at Highways (National Highways, State level Highways).
2.This project can also be used inside university campus areas or inside any company's premises.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Line 1

Department : Electronics And Telecommunication

Project Title   :   **Microcontroller based programmable power supply**

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

Name of Project Guide : Mr. Pranesh Naik

Name of Students :
Kumar Amlendu
Avadhut Parkar
Shubham D. Ghorpade
Anil R. Yadav

Brief Ideas of Project : This is a power supply unit having output of range 0-24 v and max 1.5Amps.
Use of microcontroller enables it to meet different requisitions with minor software & no corresponding hardware changes.
Unit includes surge immunity overvoltage, undervoltage, Overcurrent & hook-up protection in addition to IC's internal protections.

Screenshots of Project / Photos of Working Module :
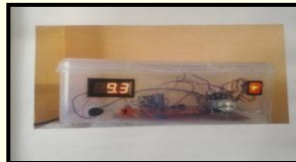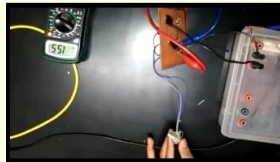
Applications :
- As power source in X-ray generator.
- As power source in automated equipment testing.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Dc motor control using android**
Domain (Area of Project) : **Embeddded system**

**Name of Project Guide : Ms Kalyani Vaidya**

Name of Student :
Omkar Gangan
Imran inamdar
Sunny Gupta

Brief Ideas of Project :
Our project is Dc motor control using android'.
It works on operating Dc motor using android .User can send commands to control the speed of DC motor. Wireless communication is used to send commands to the project.

Screenshots of Project / Photos of Working Module :
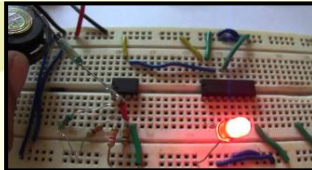
Applications :
1) This project can be used in Industries and security application.
2) This project is easy to use in all android phones

Awards if Any for TPP / Paper Publication / Any Other Please specify :-

Department : Electronics And Telecommunication

Project Title   : **Electronics Board**
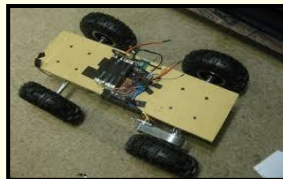**Domain (Area of Project)**   : **Power Electronics**

Name of Project Guide : Prof Sandhya Kumar

Name of Students :
Chinmay More
Mayur Manve
Saurabh Mangde
Rahul Haldankar

Brief Ideas of Project : The e4ride skateboard is controlled by a wireless handheld remote that allows instant throttle response with smooth acceleration and deceleration. A number of safety features are incorporated into the design for ease of operation and reliability. The most important is the integrated EABS electric-braking that actually charges the battery when slowing down or stopping.

Screenshots of Project / Photos of Working Module :

Applications :
1) Used to carry person from one place to another
2) If a chair is placed on this board it can be helpful to carry old age people.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Line 1

Department : Electronics And Telecommunication

Project Title   : **Variable Frequency Drive**
Domain (Area of Project)   : **Power Electronics**

Name of Project Guide : Prof Sandhya Kumar

Name of Students :
Tanmay Mahatre
Aamir Ali Lore
Farooq Shaikh
Shabhaz Choudhari

Brief Ideas of Project :
A Variable Frequency Drive (**VFD**) is a type of motor controller that drives an AC motor by varying the frequency supplied to the AC motor i.e it controls the speed of the AC motor by controlling the frequency supplied to it .
In order to control the RPM , the VFD generates a sine wave of the desired frequency which is supplied to the motor for a desired RPM .

Screenshots of Project / Photos of Working Module :

Applications :
For less Power Consumption in Industry
VFDs improves product quality, and reduces production cost in Industry.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   :   **SCR based single phase cycloconverter**
Domain (Area of Project)   :   **Power Electronics**

Name of Project Guide : Vinit Mhatre

**Name of Students :**
vivekShivkar(vikyshivkar@gmail.Com)
Omkar Patil (omkarp666@gmail.com)
Umesh Channapnor (umeshchannapnor@gmail.com)
Shailendra jaiswal (jayswal01@gmail.com)

Breif Ideas Of Project : The project is designed to control the speed of a single phase induction motor in three steps by using cyclo convertor technique by thyristors. As this project uses a thyristor controlled cyclo converter which enables the control of speed in steps for an induction motor. The microcontroller used in this project is from 8051 family, a pair of slide switches is provided to select the desired speed range (F, F/2 and F/3) of operation of the induction motor.

Screenshots of Project / Photos of Working Module :
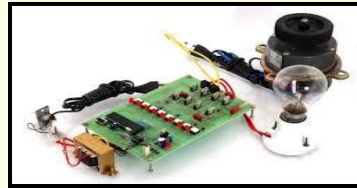
Applications : Induction motors in particular are very robust and therefore used in many domestic appliances such as washing machines, vacuum cleaners, water pumps, and used in industries as well

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Hybrid Power Generator**
Domain (Area of Project) : **Power Electronics**

**Name of Project Guide : MS. Trupti Patel**

Name of Students:
Prem Revandekar
Bhavesh Dalbanjan
Nakshatra Ravekar
Nikita Bhintade
Kirti Roman

Brief Ideas of Project :
The Hybrid power plant is complete electrical power supply that can be easily configured to meet a broad range of remote power need.
There are three basic elements of the system the power source, the battery and the power management center.

Screenshots of Project / Photos of Working Module :
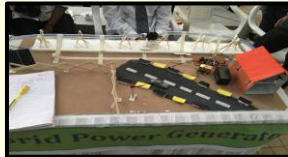
Applications :
- Can be used in detecting leakages in the pipeline.
- Distributed power generation.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Got 1st price in class.

Department : Electronics And Telecommunication

Project Title : **T-box Wind Power Generation**
Domain (Area of Project) : **Power Electronics**

Name of Project Guide : **Mrs. Helina Tandel**

Name of Students :
Shreyas poyarekar (shreyaspoyarekar02@gmail.com)
Manoj Gupta (guptamanoj402@gmail.com)
Ashish Kori(ashishkori92@gmail.com)
Aravinth kumar (aravinthiskumar@gmail.com)

Brief Ideas of Project :

The "T-Box" device is installed between railroad ties and buried half-underground so as to not interfere with normal train operation. As the train passes overhead, the whooshing wind spins a turbine inside the T-Box to generate electricity.

Screenshots of Project / Photos of Working Module :

Applications :

To provide power to rural areas.
To provide energy to railway platforms
To make trains a self powered transit system

Awards if Any for TPP / Paper Publication / Any Other Please specify :
2nd Runner up from class

Department : Electronics And Telecommunication

Project Title : **Solar based farm protection fences**
Domain (Area of Project) : **Power Electronics**

Name Of Project Guide : Kirti Gupta

Name Of Student :
Gupta Kanchan
Sakshi Naik
Aditi Nanaware
Priyanka Shirke

Brief Ideas of Project :   The solar perimeter security electric fence system is a modern day alternative to conventional methods of fencing to protect your crops and property . Electric fence is an effective way to reducing losses caused by animals.

Screenshots of Project / Photos of Working Module :

Applications :
1.Agriculture , industrial, and forestry security electric fence system.
2. The wall top system for residental application.

Awards if Any for TPP / Paper Publication / Any Other Please specify : NA

Department : Electronics And Telecommunication

Project Title : **Fully Automatic Grass Cutter**
Domain (Area of Project) : **Electrical & Electronics**

Name of Project Guide : Arpit Bunkar

Name of Students :
Shreyas Parab
Pratik Pashte
Afzal Khan

Brief Ideas of Project :

The project is design for fully automatic grass cutter using solar power.
We have battery connected to the system and its also connected to wheel motors and grass motors.
We used 89C51 MIC IR sensor for obstacle detection.

Screenshots of Project / Photos of Working Module :

Applications :
- Cutting lawns, Farm, Ground, Playground.
- It is easier to handle.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Electricity bill**
Domain (Area of Project) : **Electrical & Electronics**

Name of Project Guide: Minal Tandale

Name of Students :
Saif Shaikh (saifshaikh@gmail.com)
Reshabh Mishra (mishra@gmailcom)
Pritesh Chavan (chavan01@gmail.com)
Joseph Patole (josephpatole23@gmail.com)

Brief Ideas of Project :

The main objective of the project is to develop a GSM based energy meter reading system through SMS. The proposed project provides a convenient and efficient method to avoid this problem helps to track the electricity usage for consumers so that they can control usage and save electricity.

Screenshots of Project / Photos of Working Module :

Applications :

Consumers can track their daily electricity usage and thus control it and save electricity
Electricity company can use this system and thus can reduce the number of people required to avoid human error

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Hybrid System**
**Domain (Area of Project)**   : **Electrical & Electronics**

Name of Project Guide   : Prof. Shilpa Gaikwad

Name of Students :
Harshil Patel
Abhishek Kadam
Hemal Bhagwe
Udit Mhatre

Brief Ideas of Project :
 Let us consider a load of 100% power supply and there is no renewable system to fulfill this need, so two or more renewable energy system can be combined. For example,70% from a solar system, 30% from wind system. Thus combining these renewable energy systems may provide 100% of the power and energy requirements for the load, such as a home or business.

Screenshots of Project / Photos of Working Module :
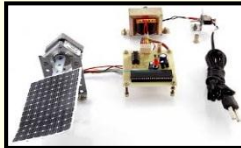
Applications :
Hybrid energy sources can be used to generate electricity which can power many applications like TV, water pumps, grinders, irons and other machinery.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Technomantra

Department : Electronics And Telecommunication

Project Title   : **I- Bell**
Domain (Area of Project) : **Electrical & Electronics**

**Name of Project Guide: MONICA MORE**

Name of Students:
Shrutika Birje
Pradnya Bhatkar
Umair Shaikh
Amaan Hashmi

Brief Ideas of Project :

We aim to design and develop an intelligent door ring bell.It has two sections transmitter and receiver part. Transmitter works as input and receiver works as output. A keypad is used for assigning each message. As soon as the key is pressed its assigned message will be first sensed by microcontroller and will further be displayed on lcd screen.

Screenshots of Project / Photos of Working Module :
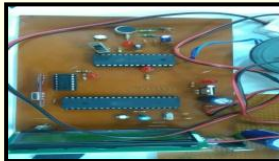
Applications :

1) It can be used in the colleges.
2) It can be used in clinic and nursing home.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Line 1

Department : Electronics And Telecommunication

Project Title : **Artificial Oxygen Tree**
Domain (Area of Project) : **Electrical & Electronics**

Name of Project Guide : **Prof. Pratik Tawde**

Name of Students : **Pranav Parab**
Soureen Gaitonde
Rohan Shetty
Payal Devra

Brief Ideas of Project :

This Project basically consists of Solar Panel which will absorb the sunlight and convert it into electrical energy as in the form of voltage or light if LED'S are connected.

Screenshots of Project / Photos of Working Module :

Applications :

1. City highway and any internals Road 2. Housing Society , Residential Buildings 3. Corporate Buildings, Office Buildings.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Paper Published in Babasaheb Gawde Institute of Technology

Department : Electronics And Telecommunication

Project Title   : **P to V Converter using piezo-electric plates**
Domain (Area of Project)   : **Electrical & Electronics**

Name of Project Guide :   Prof. Pratik Tawde

Name of Students :
Atharva Vardam
Omkar Shinde

Brief Ideas of Project :

The main objective of our project was nowdays energy and power are one of the basic necessities regarding this modern world,to generate Power.As the demand of energy is increasing day by day so ultimate solution to deal with these sort of problems is just to implement renewable source of energy.

Screenshots of Project / Photos of Working Module :

Applications :

1. City highway and any internals Road 2. Housing Society , Residential Buildings 3. Corporate Buildings, Office Buildings,

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Paper Published in Babasaheb Gawde Institute of Technology

Department : Electronics And Telecommunication

Project Title   :   **Motion Sensor**
Domain (Area of Project)   :   **Electrical and Electronics**


Name of Project Guide :   Prof. Rupali Gaikwad

Name of Students :
Manish Kadam
Moin Khan
Pranay Gurav
Asad Khan

Brief Ideas of Project :

Works on the principle of converting physical quantity into electrical quantity.
Passive infrared sensors are the most widely used motion in home security systems. When your system is armed, your motion sensors are activated. So in this project we are trying to control corridor light by sensing the presence of human body.

Screenshots of Project / Photos of Working Module :
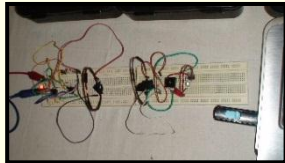
Applications :

Offices, banks, shopping malls and in intruder alarm in homes.
Automatic light control and counting machines.
Many systems like home automation systems, energy-efficient systems and control systems and automatic door opening systems

Department : Electronics And Telecommunication

Project Title   : **Induction bus**
Domain (Area of Project) : **Electrical and Electronics**

Name of Project Guide : Anjali Gharat

Name of Student :
Sairaj Dongre (Sairaj Dongare@vpt.edu.i)
Sagar Anpat   (sagar .anpat@vpt.edu.in)
Nirvan Kamble   (niirvan .kambale@vpt..edu.in)
Vrushabh Turde (vrushabh.turde@vpt.edu.in)

Brief Ideas of Project : Energy is sent through an <u>inductive coupling</u> to an electrical device, which can then use that energy to charge batteries or run the device.
Induction chargers use an induction coil to create an alternating electromagnetic field from within a charging base.

Screenshots of Project / Photos of Working Module :
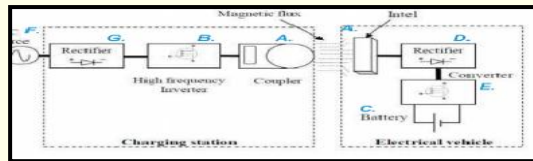
Applications :
Automobiles

Awards if Any for TPP / Paper Publication / Any Other Please specify :
No

Department : Electronics And Telecommunication

Project Title   **: Smart Medicine Box**
Domain (Area of Project)   **: Electrical and Electronics**

**Name of Project Guide : Mrs. Helina Tandel**

Name of Students :
Shubham Bhosle(shubham.bhosle@vpt.edu.in)
Shubham shinde(shubham.shinde@vpt.edu.in)
Bhavesh yedke(bhavesh.yedke@vpt.edu.in)

Brief Ideas of Project :. Proper Medication is necessary to become a healthy but failure of that can create big trouble for a patient. This is extremely problematic for the elderly patient who had problem in keeping track of their medicine. So to overcome this we made this Smart Medicine Box which keep tracks of the dosage and duration between each consumption.

Screenshots of Project / Photos of Working Module :
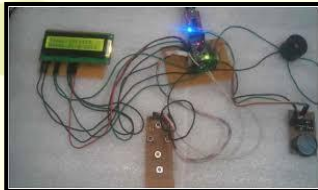
Applicatipon: It not only aids the elderly who live independently but also the caretakers of the elderly by reminding right amount of medicine at the right time. The smart medicine box

Awards if Any for TPP / Paper Publication / Any Other Please specify :

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Department : Electronics And Telecommunication

Project Title : **Smart Trash System**
Domain (Area of Project) : **Biomedical**

Name of Project Guide : **Monica More**

Name of Students :
Shreya Tembe (shreyalob@gmail.com)
Rutuja Shela (shelarrittu@gmail.com)
Priyanka Gupta(N/A)
Shraddha Bhoga (shraddhabhoga@icloud.com)

Brief Ideas of Project :
Until now collecting waste has been done using static routes and schedules where containers are collected every day or every week regardless if they are full or not. This system changes all this by using smart wireless sensors to gather fill-level data from waste containers. The service then automatically generates schedules and routes which take into account an extensive set of parameters.

Screenshots of Project / Photos of Working Module :
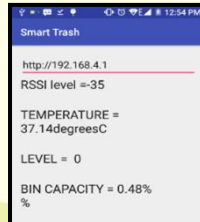
Applications :
Smart Cities
Schools, colleges and organizations

Awards if Any for TPP / Paper Publication / Any Other Please specify :
(N/A)

Department : Electronics And Telecommunication

Project Title   : **E-Plant**
Domain (Area of Project)   : **Bio-medical**

Name of Project Guide : **Sheetal shelar**

Name of Students :
Mayur Bhor
Adit Pandhikar
Anushka Palande
Sakshi Khanvilkar

Brief Ideas of Project :
E-Plant means to produce electricity through plant .Micro-organism use soil and other organic material in the soil produce ions this ions are attracted by the carbon electrode n some voltages is generate in miili volts. The voltage increases by connecting electrodes n series .The energy from the soil can be used as uninterruptable power source.

Screenshots of Project / Photos of Working Module :

Applications :
1. As a battery charger
2. Street lamp

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Had participate in paper presentation held at Babasaheb Gawade polytechnic on 27 feb2016

Department : Electronics And Telecommunication

Project Title   : **Shadow Bot**
Domain (Area of Project)   : **Biomedical**

Name of Project Guide : Minal Tandale

Name of Students :
Heena Ashrafi
Ekta Lad
Prathamesh Thik
Omkar Pulekar

Brief Ideas of Project :
A Robot is an automatically guided macine which is able to tasks on its own, always due to electrically-programmed instruction.The development of technologies the wireless shadow bot that doesnt need a computer to operate. It consist of artifial hand controlled by glove with flex sensor on it. the users wears controls glove and can control the hand precisely. The artifial hand and glove both are work with microcontroller PIC16F877A

Screenshots of Project / Photos of Working Module :

Applications : ~~es.~~
it can be use for disable people

Awards if Any for TPP/Paper Publication/Any other please specify:
Yes,We had participate in paper presentation held at Babasaheb Gawde college on 27 feb 2016 our paper presentation topic was car parking security using GPS.

Department : Electronics And Telecommunication

Project Title : **Bus Boarding System For Blind**
Domain (Area of Project) : **Bio-Medical Engineering**

Name of Project Guide : Monicka More

Name of Students :
Aumkar N. KASAR <Aumkar.Nk1@gmail.Com>
Rohan B. RANE <Rohanrane101@gmail.Com>
SANDESH DAVANE <Sandeshdavane@gmail.Com>

Brief Ideas of Project :
The zig-bee based bus boarding system is basically a device which is fitted on a BEST bus which tracks the presence of the visually impaired passenger across its daily route which ensures the ease of travelling for the visually impaired. The zig-bee based bus boarding system is made as a prototype to solve the problems faced by the visually impaired passenger while travelling mainly during boarding and navigating the bus.

Screenshots of Project / Photos of Working Module :
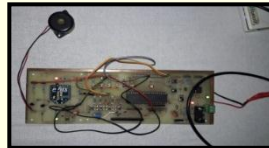
Applications :
*   Assistance for the blind for boarding buses.
*   Provide the blind with an ability to travel independent using public transport.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Consolation prize winner in the collage competition.

Department : Electronics And Telecommunication

Project Title   **: Transcutaneous Electrical Nerve stimulator**
**Domain (Area of Project)**   **: Biomedical**

Name of Project Guide : Prof. Shilpa Gaikwad

Name of Students :
Shubham K.
Chaitang Shah
Rajesh Yadav
Ajit Shinde

Brief Ideas of Project :

Transcutaneous electrical nerve stimulation (**TENS or TNS**) is the use of electric current produced by a device to stimulate the nerves for therapeutic purposes. TENS, by definition, covers the complete range of transcutaneously applied currents used for nerve excitation although the term is often used with a more restrictive intent, namely to describe the kind of pulses produced by portable stimulators used to treat pain.

Screenshots of Project / Photos of Working Module :
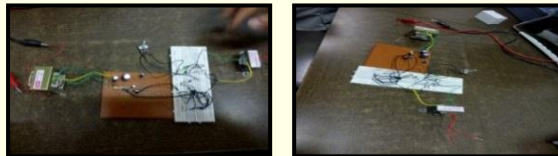
Applications :
1. They use it most often to treat muscle, joint, or bone problems that occur with illnesses such as osteoarthritis or fibromyalgia, or for conditions such as low back pain, neck pain, tendinitis, or bursitis

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Voice Controlled Lift**
Domain (Area of Project) : **Biomedical**

Name of Project Guide : Trupti Patel

Name of Students :
Ruchi Dukhande (ruchidhukhande@gmail.com)
Sayali Satam (sayalisatam14@gmail.com)
Siddhant Bendkar (sidbendkar@gmail.com)
AkshayBhoite (Akshybhoite214@outlook.com)

Brief Ideas of Project :
1.In this project we are using VOICE RECOGNITION technology.
2.If the people in LIFT want to move to up and down using his/her voice command the lift moves to the required position of that person.
3.Now days we can find huge no. of apartments crowded in nearby area with multi storage building capacity.

Screenshots of Project / Photos of Working Module :

Applications :
1.For convenient operation of lift for physically challenged or paralyzed people.
2.To provide secondary option for floor selection in lift.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Voice Based Notice Board Using Android**
Domain (Area of Project)   : **Biomedica**l

Name of Project Guide : Prof. Pranesh Prakash Naik

Name of Students:
Darpan Hambire **(**darpan.hambire@vpt.edu.in)
Aditya Verma (aditya.verma@vpt.edu.in)
Akshay Jadhav(alshay.jadhav@vpt.edu.in)
Aniket Gavdhe (aniket.gavdhe@vpt.edu.in)
Tushar Nateker (tushar.natekar@vpt.edu.in)

Brief Ideas of Project :

Our project is 'Voice based notice board using android''.
It acts as a wireless notice board by using android app we can display notes on led or lcd board
This is done by A Bluetooth device which is interfaced with the Arduino board for communication. A 16*2 LCD display is connected to the Arduino to display the information entered**.**

Screenshots of Project / Photos of Working Module :
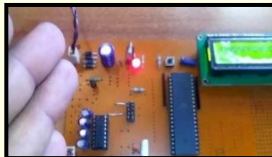
Applications :

1) Advanced wireless notice board can be used in public transportation areas like Bus stations, Railway stations and even at Airports.
2) Voice operated electronic notice board finds it main application in educational premises like schools, colleges, university

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Department : Electronics And Telecommunication

Project Title   : **Automatic Sorting System**
Domain (Area of Project)   : **Instrumentation**

Name of Project Guide : Sheetal Bhosle

Name of Students :
Advait Dixit (advaitdixit97@gmail.com)
Sarvesh Mohite (sarvesh.mohite@gmail)

Brief Ideas of Project :
This is an Arduino based project which is used to sort the objects according to their height .
A sensor is kept at a particular height to detect an object coming from conveyer belt.
If sensor detects the object then a robotic arm will pick up that object and place it to the desired location.
Otherwise it will go into a container kept at the end of the conveyer belt.

Screenshots of Project / Photos of Working Module :
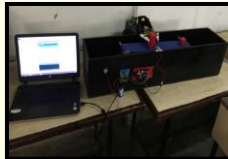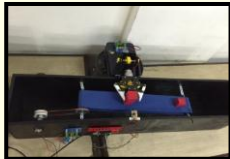
Applications :
In small and large scale industries to sort the products based on various
In Robotics application like artificial robotic intelligence.

Awards if Any for TPP / Paper Publication / Any Other Please specify :
Line 1

Department : Electronics And Telecommunication

Project Title   : **Wireless Power Transfer**
Domain (Area of Project)   : **Instrumentation**

Name of Project Guide : Prof. Rupali Gaikwad

Name of Students :
Pushkar Bagayatkar (phb.official@gmail.com)
Neil Dani (neilnd@rocketmail.com)
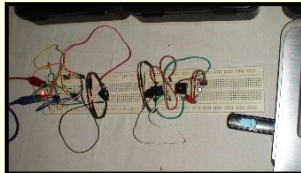Nayan Punya (punyarthinayan16@gmail.com)
Saubhag Trasy (saubhag@gmail.com

Brief Ideas of Project :
Works on the principle of Electromagnetic Induction.
The Transmitter or Source coil is connected to the mains which converts current electricity into electromagnetic waves.

Screenshots of Project / Photos of Working Module :

Applications :
Charge various devices such as mobile phones, laptops, etc.
Replace wall outlets.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title   : **Wireless Mobile Charger**
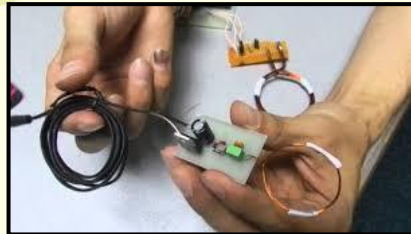**Domain (Area of Project)**   : **Instrumentation**

Name of Project Guide : Servesh Gupta

Name of Students:
Sandesh Yadav
Ashley Marques

Brief Ideas of Project : Wireless charger can charge a mobile device with its 5v output voltage. The Wireless Charger works on the principle of electromagnetic Induction. Increasing the turns in the transmitter coil, receiver would increase the rate of transmitted power. Wireless power transmission circuits can be used to charge camera, batteries, mobile phones, wireless mouse, bluetooth headset, etc.

Screenshots of Project / Photos of Working Module :

Applications : To charge camera, batteries , mobiles, etc

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Department : Electronics And Telecommunication

Project Title : **Automatic Headlight Rotation In Car**
Domain (Area of Project) : **Instrumentation**

Name of Project Guide : Ms Anjali Gharat

Name of Students :
Sonu Pal(sonukumarpal300@gmail.com)
Romil shinde (romil.shinde@vpt.edu.in)
Karan Pardi (karan,paradi@vpt.edu.in
Mayur Kanse (Mayukanse22@gmail.com)
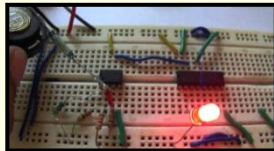Praneet Rege (pranitrege@gmail.com)

Brief Ideas of Project :
Our project is 'Automatic Headlight Rotation In Car'.
It act as directional headlights.
This is done by connecting headlights and steering.

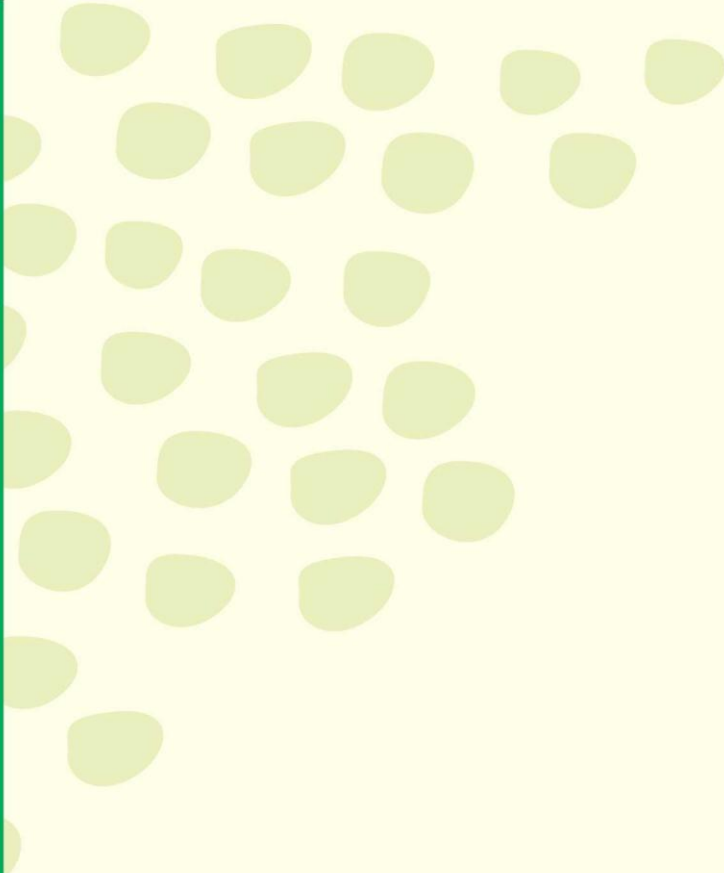**Screenshots of Project / Photos of Working Module :**

Applications :
1) Specially designed for installing in buses riding in ghat road.
2) This mechanism is also installed in all types of commercial vehicles such as :
    Maruti, Ambassador, Fiat, Mahindra, etc.

Awards if Any for TPP / Paper Publication / Any Other Please specify :

Vidyalankar Polytechnic Project Committee

	Archana Gopnarayan	Convener
Information Technology	Rupali Desai	Member
Computer Engineering	Supriya Angne	Member
	Prasad Koyande	Member
Electronics and Telecommunication	Sheetal Shelar	Member
	Trupti Patel	Member