

**GHARDA FOUNDATION'S
GHARDA INSTITUTE OF TECHNOLOGY**

(Approved by AICTE New Delhi, DTE, Maharashtra State, Affiliated to Mumbai University & Accredited by NAAC)

Department of Computer Engineering
Academic Year 2022-23

Major Project Gallery

[Abstract Book of Major Projects by students of BE Computer guided by faculties](#)

Group No.	Authors	Project Title
G1	32_KULKARNI SWARUPA DAMODAR DIPTI	Prof. Mrs. J. V. Khalkar Voice Based Confidence Recognizer
	52_RAUT SALONI DATTATRAY	
	36_MANE BHAKTI DATTARAM	
	72_WATEGAONKAR PRAGATI PRAKASH VIDYA	
G2	7_CHAUGULE SHUBHADA SHAILESH	Prof. V. M. Nair Secure File Sharing on Cloud
	8_CHAVAN PRACHI PRATAP POOJA	
	11_DESAI PRADNYA PRATAPRAO ANURADHA	
	14_DHANAWATE TRUPTI SONYABAPU PRITI	
G3	38_MODALAK AMISHA ASHOK ASHWINI	Prof. S. S. Tathare IoT Based Watering System
	35_MALAVADE SHREYA CHANDRAKANT SHITAL	
	69_TAKKE NINAD NISHIKANT SARIKA	
G4	2_AWADAN SNEHAL SHIVAJI SHITAL	Prof. D. N. Londhe Automated Attendance System using Springboot
	54_RAWOOL SHITAL SHARAD SHAILA	
	64_SHINDE SNEHAL SANJAY SWATI	
G5	65_SHITAP ANUSHKA PRADEEP NEHA	Prof. P. V. Oak Automatic Toilet Flusher
	45_PAWAR PUNAM SUBHASH SHUBHANGI	
	48_PAWAR TEJASWINI SURESH SWEETY	
	60_SAWANT SAKSHI RAJENDRA RASIKA	
G6	24_JADHAV SAURABH RAJENDRA NEHA	Prof. M. A. Khandke Smart GIT Campus
	40_MORE SAHIL SANJAY ANJALI	
	51_PUJARI YOGESHWARI YESAPPA	
	66_SOMYAKUMARI SANJAYKUMAR SAW SARITA DEVI	
G7	12_DESHMUKH KASHIF KIFAYATULLAH HOOR BANU	Dr. A. K. Mangore Single Window Service Provider
	5_CHALKE SIDDHANT SUBHASH SAMRUDDHI	
	20_HURZUK SAJID INAYAT NAEEMA	
	4_BEBAL SAAD KHALID SALWA	

G8	29_KARAMBE SIDDHARAJ BHARAT	Prof. Mrs. K. M. Gajmal	Air Pollution Monitoring System
	41_NAIK SHREYAS SANDESH		
	56_SAKPAL RUTWIK SUHAS		
	22_JADHAV DARSHAN RAJESH		
G9	23_JADHAV JAYESH DAGDU SHUBHANGI	Prof. Mrs. J. V. Khalkar	ML Based Sales Forecasting and Purchase Reminder
	71_UMASARE HARSHAL GOPINATH NIKITA		
	34_LAMBADE PRITAM SHAM SHARMILA		
	67_SONAWANE PRATIK CHANDRAKANT PRERANA		
G10	17_GHAG NISHA SANTOSH SANJANA	Dr. R. R. Bane	Voice Based Attendance and Campus Notifier
	3_BAHUTULE VAISHNAVI VINOD VAIKAMI		
G11	28_KADAM RUTVI SACHIN KISHORI	Prof. M. A. Khandke	NGO Support Application for Kowyas
	21_INAMDAR PRIYANKA SANTOSH SHILPA		
	18_HARCHEKAR AKASH PRASHANT		
G12	26_KADAM MANISH MANOJ MRUNALI	Prof. V. M. Nair	Design and Development of Antivirus
	47_PAWAR SHOURYAN RANJEET MEGHANA		
	53_RAVAL SHUBHAM SHIVAJI VIDYA		
	62_SAWARDEKAR DIGAMBAR CHANDRAKANT RUTUJA		
G13	6_CHAUGHULE SAGAR HIRAMAN SHALINI	Prof. S. S. Tathare	IoT Based Health Monitoring System
	25_KADAM MANALI MAHENDRA		
	44_PAWAR DIVYA SURYKANT		
	49_PHALKE SAHIL PRAVIN		
G14	10_DESAI AKSHAY DUNDAPPA SULOCHANA	Prof. R. B. Pawar	Smart Traffic Management System for prioritizing vehicles
	16_GAWADE SANKET PRAKASH ASHABAI		
	27_KADAM PRATHMESH RAJENDRA RASHMI		
	30_KHISE ADNAN KHALID RUBINA		
G15	46_PAWAR SAHIL SATISH	Prof. D. N. Londhe	IoT Operated Energy Meter
	57_SALVI YASH SURYAKANT POOJA		
	58_SANAS SUYASH NANDAKUMAR SNEHA		
	15_DHOTRE AMAY GOPAL RANJANA		
G16	1_AMBEKAR PAURAS KAUSTUBH LEENA	Dr. R. R. Bane	Efficient Resource Management for servers
	13_DHAMANE GAURAV GOVIND GEETA		
	9_DANAWALE SAMIKSHA PANDURANG SUPRIYA		
	31_KULKARNI ANAND SREENIVAS SANGEETA		
G17	42_NIVALKAR ADITYA DATTARAM DARSHANA	Dr. A. K. Mangore	Gym Management Platform for R K Fitness
	39_MORE PRADIP MANIK USHA		
	19_HARVANDE SANKET CHANDRASHEKHAR SHEFALI		
	50_POSKAR AMAN ARVIND SNEHA		
G18	43_PALEKAR SIDDHANT KRISHNA SHOBHA	Prof. P. V. Oak	Land Dealing Help Tool
	59_SATIM TANMAY RAVINDRA UJWALA		
	61_SAWANT SIDDHESH ANANT ANKITA		
	68_SURVE SAQUIB ASHRAF SHAMIM		
G19	63_SHINDE SHUBHAM SUNIL JYOTI	Prof. Mrs. K. M. Gajmal	AI Fitness Trainer
	37_MHATRE RAJ VIJAY RUPA		

	70_TIKUDAVE AKSHAY VASANT SANGITA		
	33_KUTAREKAR MUFEED MUNAVAR NASIMA		

Automatic Toilet Flusher

In our nation, sanitation has always been a major issue. Most significantly, this issue is not just concentrated to the rural areas but is also wide spread in urban and semi urban areas. People do not show the same level of concern when it comes to keeping the public sanitation systems clean as they show towards the ones at their homes. Right to good health and sanitation is one of the goals to be achieved as per the Millennium Development Goals of the United Nations Organization, 2000. However, in India, the scenario of public toilets is still dismal. One of the reasons for this is that the people do not bother to clean up after they use the toilet. These places are thus the breeding grounds of bacterial germs like Escherichia coli and many deadly diseases. Many people sometime prefer discomfort to using these toilets. Looking at such troubles, the decision to construct a IOT based self-cleaning toilet which will be very useful for such situations. As the old saying goes "cleanliness is next to godliness", this is a public welfare project which aims to propagate a cleaner and hygienic society.

Land Dealing Help Tool

Today in the digital world which makes it easy to get services online on single click. Our online platform serves both the Land businesses and users by establishing effective communication. To design and develop the web platform which is an online real estate business website through which a user can access its information and manage all the adding, uploading, deleting and assets and some of its tasks. The admin user can change and can update the information regarding the property selling, buying and cancellation. The people can upload their property details along with pricing, configuration, location and other related details. The same will be displayed in the platform for buyers.

Air Pollution Monitoring System

Nowadays air pollution has turned out to be one of the significant issues because of the increase. In the quantity of vehicles and during the time spent industrialization and

urbanization. This expansion in the level of contamination brings about destructive consequences for Prosperity. This project explains the depiction and execution of an Air Pollution detection System. The innovation grasped here, is a hands- on execution of the idea of Internet of Things. This detailed work is an exploration of the possibilities of consumption of this innovation. In this world, where natural well-being is turning into a genuine risk. Then work is actualized. Utilizing the microcontroller board of Arduino. In this project I am going to make an IoT based. Air Pollution Detection Monitoring System in which I will monitor the Air Quality over a web Server using ESP8266 Wi-Fi device and will trigger an alarm when the air quality goes down a certain level means when there is an amount of harmful gasses present in the air like CO₂. It will Show the air quality in PPM (Parts per Million) like “Fresh Air”, “Poor Air”, “Danger Air” On LCD and webpage so that I can monitor it very easily.

AI Fitness Trainer

Exercise and physical activity can enhance your health in the short- and long-term. Form, However, it is crucial when it comes to exercising. Poor form places too much force on the muscles, tendons, and ligaments, which can result in strains and sprains. Overcompensation and the risk of damage are diminished by proper form. This is only one of the many benefits of working under the supervision of a trainer. A personal trainer can be a terrific resource for anyone who wants to create a customized programme or just feels that they would benefit from the extra accountability. Virtual coaching and training have become commonplace in the fitness sector. Thanks to technology improvements, with the right application, one can get regular reminders and the motivation they need to concentrate more.

A framework which will deal with every one of the boundaries of exercise like counting sets, reiterations and further giving ideas to boost muscle hypertrophy utilizing simulated intelligence and it will likewise really take a look at the type of activity. The individual will do his activity endlessly live outcomes will be given as results.