Criteria 1.3 : Curriculum Enrichment

Department of Electronics & Computer Science

1.3.3 Percentage of students undertaking project work/ field work/ internships (Data for the latest completed academic year) -2022-23

- **Number of students undertaking Mini Project in First Year of Electronics & Computer Science=64**
- **Total No.of Students enrolled in 2022-23 in Electronics & Computer Science = 64**

Formula:

$$\frac{\text{Number of students undertaking project work /field work / internships}}{\text{Total number of students}} \times 100$$

- **Percentage of Students Undertaking Mini Project/Project Work/Field Work/Internships = 64/64 = 100 %**

Dr. (Mrs.) J. M. Nair
M. Tech., Ph.D. (IIT-B)
Principal

Ref. No.: VESIT/ JMN | 1325 | 2023-24

Date : 26|10|2023

TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (https://vesit.ves.ac.in/) are also authentic and does not need any extra validation.

Dr. (Mrs) Jayalekshmi M Nair
Principal
Vivekanand Education Society's Institute of Technology
Hashu Advani Memorial Complex,
Collector's Colony
Chembur, Mumbai, Maharashtra 400074

Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai - 400 074. INDIA.
Phone : +91 22 6153 2532 | Fax : +91 22 6153 2555 | Email : vesit@ves.ac.in / principal.vesit@ves.ac.in | Website : www.ves.ac.in/vesit

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Vivekanand Education Society's
Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

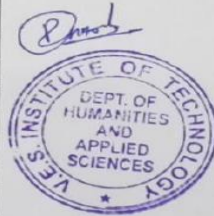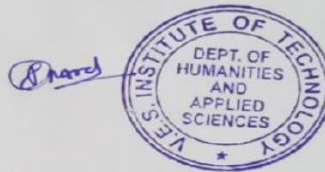# Department of Electronics & Computer Science
Sample List of

First year Students Mini Projects   2022-23

First year Electronics & Computer Mini Project 22-23

Group No.	Name of the Students	Mentor Name	Title of the Project	No. of Students
1	SUCHEIT JOSHI	Dr. Pradnya Parab	"SADD" SMART ACCIDENT DETECT	5
	HARSH KAPSE			
	MANSI MOHITE			
	LENGARE SWED SANJAY			
	MAHEE PRAJAPAT			
2	ANANYA DUBEY		PSI (Parking Slot Indicator)	5
	ATHARVA PHADTARE			
	RUJUL SALUNKHE			
	AVANTIKA SHARMA			
	KHUSHI SHARMA			
3	HARIKRISHNA GURRAPU		Auto-Attendance	6
	SHUBHAM BHANDARY			
	ESHAAN KACHRU			
	SHREYASH KATOLE			
	JYOTIRADITYA BHOGIL			
	ROHAN KHAMITKAR			
4	Purvi Prasad		Radio frequency based po	5
	Parnika Uparkar			
	Anushka Shinde			
	Madhav Tandon			
	Sujay Thasale			
5	Binayak Bhattacharjee		Power Generation by regenerated shock absorb	5
	Shreyash Das			
	Kapil Dhavale			
	Arnav Nadkarni			
	Sahil Sawant			
6	VINEET WAGH		ALPHA ONE	4
	DARSHAN KAKAD			
	VIGHNESH PADWAL			
	SNEHA PATIL			
7	SRUSHTI PAWAR		DRISHTI- an help to specia	5
	SRUSHTI CHOPADE			
	RITALI JADHAV			
	HARSHITA ANCHAN			
	JOANNA SANJU			
8	Vinayak Panchal		ATTMSCAN	6
	Abhijeet Pandey			
	Farhan Ansari			
	Sumedh Chandra			
	Tejas Patil			
	Vishwajeet Panaskar			

9	Hrishikesh Patil	Automatic Irrigation Syster	5
	Dhruv Kulkarni		
	Harsh Chaurasia		
	Kartik Babu		
	Rohan Panjwani		
10	Isha Gavakar	Smart Solid Waste Manage	5
	Yash Khanavkar		
	Rutuja Sawant		
	Shikha Sharma		
	Niharika Vaidya		
11	Aditya Mohopatra	Step lamp with motion ser	5
	Sakshi Raorane		
	Shreya Sakpal		
	Sahil Agarwal		
	Soham Handore		
12	Amogh Sudheesh	Smart street light	5
	Divya Bhatt		
	Sanchit Kulkarni		
	Arnav Malpathak		
	Ritika Zare		
13	Gauri Awale	how to make wireless pow transfer system like in sma	3
	Avani Barapatre		
	Sneha Bhandari		

Sample Reports-Physics Mini Project

VIVEKANAND EDUCATION SOCIETY'S
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Parking Slot Indicator

17 - Ananya Dubey
46 - Atharva Phadtare
51 - Rujul Salunkhe
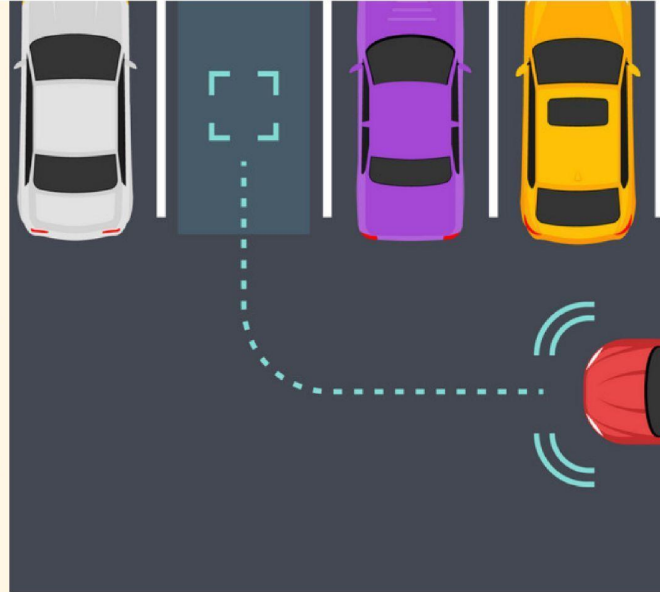54 - Avantika Sharma
55 - Khushi Sharma

FE-ECS/D1EC

VIVEKANAND EDUCATION SOCIETY'S
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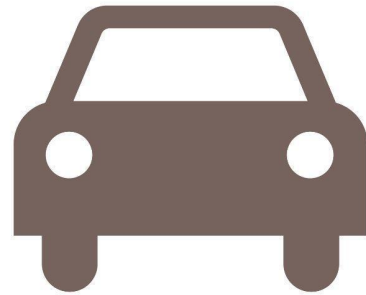
1. Introduction to the Project

- Parking slot indicators specially created sensors, either above ground or underground, allow us to locate open spaces in a crowded parking lot.

- Residential buildings, hotels, offices, shopping centres and show rooms, universities, government buildings, airports, hospitals, and stadiums could all benefit from this
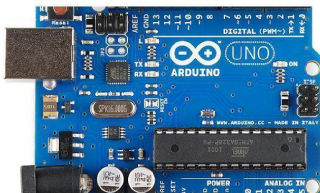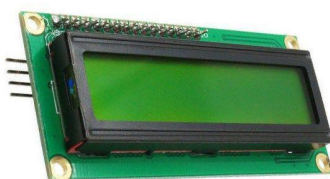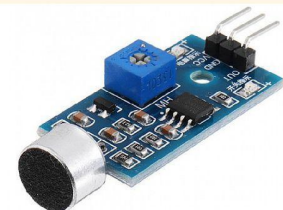
VIVEKANAND EDUCATION SOCIETY'S
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PRIMARY COMPNENTS

ARDUINO

## MOTOR

LCD SCREEN

## SENSOR

working of
PROJECT

- We have made every effort to keep our project's operation as straightforward as possible.

- The "SENSOR" would be the primary component of our project.

- At the designated location, the sensors would be put in each parking space.

- The sensor that connects to the lcd screen will detect when the vehicle enters the parking lot

Model Layout
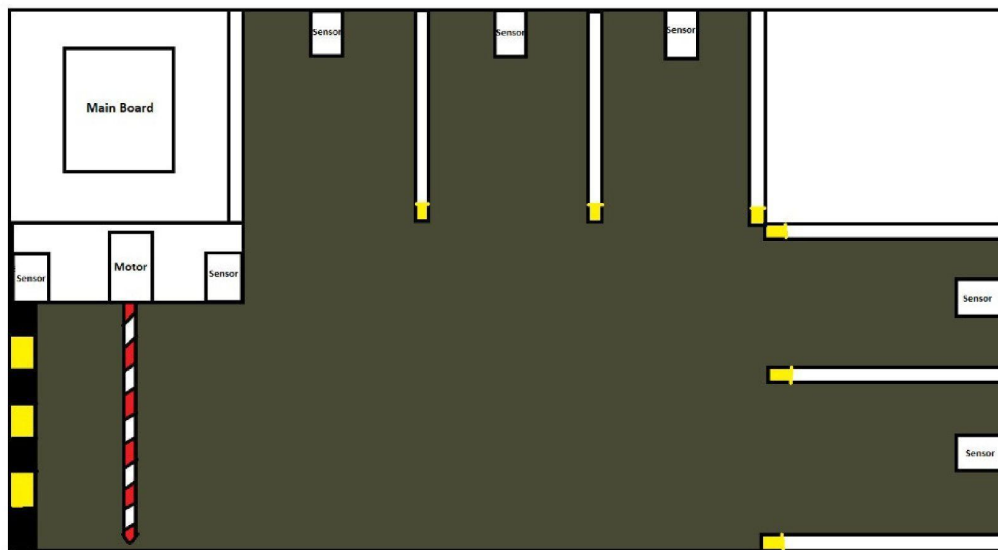
CONCLUSION
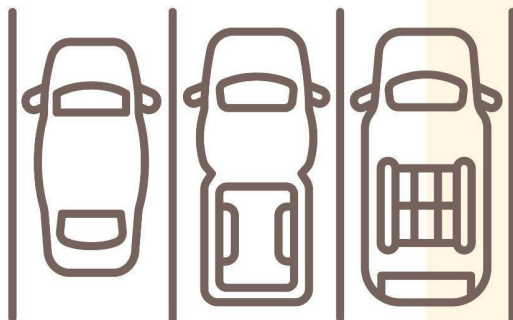
- Parking management remains a subject that keeps getting increasingly difficult in crowded towns and cities.

- For such cities, the need of effective parking management systems cannot be overstated.

- Thus, the goal of this work is to address the aforementioned problems using advanced sensing and communication technology.