

# Amrutvahini College of Engineering, Sangamner

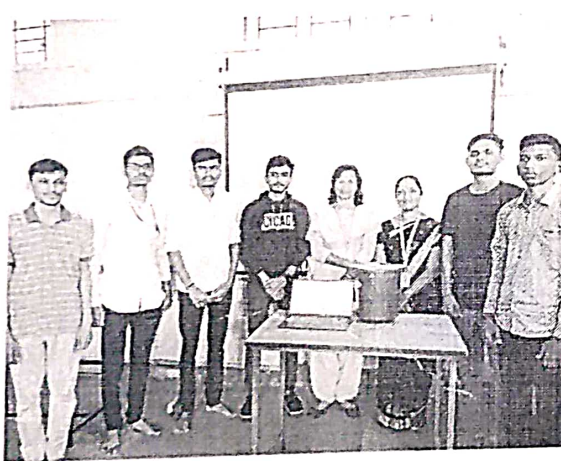
## Department of Computer Engineering

### Report of an – IoT Mini Project Exhibition

Date: 07.11.2022

Class: TE (A&B)

Department of computer engineering organized an IoT mini project exhibition on 5.11.2022. All students for Internet of Things & Embedded Systems (A&B) participated in this mini project exhibition.



Students enjoyed implementing theoretical concept practically. Total 16 groups having 5 to 6 students each participated in this activity. This mini project covered wide range of small scale applications such as:

- Smart Dustbin
- Smart Dustbin

- Air Pollution Monitoring System
- Wireless Notice Board using Bluetooth
- Laser security system
- Soil moisture detector
- Plant monitoring system
- Gas leakage detector using Arduino
- Water Level Monitoring System
- PID Controller
- Traffic light with Arduino Uno
- Smart notice board
- Smart Notice Board
- Smart parking system
- Gas Leakage Detector Using Arduino
- Smoke Detection Using Arduino



Principal sir also visited this exhibition and appreciated students idea. He also offered student to apply these ideas in real-time for college campus where financial assistance will be given by college.



Following are the winner groups of this competition:

1. PID Controller
2. Smart parking system
3. Water tank level monitoring & Laser security system

Coordinator

Ms. Swati B. Bhonde -

*SBB*

Ms. Kavita U. Rahane -

*Kavita*

Head of department

Prof. R. L. Paikrao

p 1:-

Title of project :- Air pollution Monitoring System.

- Team Members :-
- 1) Kadom Gourav Sanjay (3272)
  - 2) Kharde Vishal Lahanu (3207)
  - 3) Jondhale Pratik Bhausaheb (3166)
  - 4) Kangane Machhindranath Subhash (3202)
  - 5) Dighe Rohit Bhimraj (3131)
  - 6) Nikam Kiran Gorakh (3226)

Group 2:

Title of Project :- Laser security system based on IOT.

- Team Members :-
- 1) Gadak Mayur Sopan (3134)
  - 2) Ghaudami Gourav Bhima (3116)
  - 3) Gawali Shubham Gajanan (3144)
  - 4) Gaikwad Sahil Niurutti (3141)
  - 5) Bhise Vaibhav Ramesh (3112)
  - 6) Gunjal Ritesh Ramesh (3153)

Group 3:

Title of Project :- ~~He~~ Soil moisture Detector

- Team Members :-
- 1) Gumaste Shreya (3150)
  - 2) Gade Onkar (3135)
  - 3) Gunjal Suyash (3154)
  - 4) Kolhe Pranali (3209)
  - 5) Gorde-Aaroli (3150)

Group 4:

Title of project :- Face detection system.

- Team members :-
- 1) Rohit Mengal (3220)
  - 2) Chakor Harshal (3114)
  - 3) Amisha Bamble (3106)
  - 4) Walke Ashish (3267)
  - 5) Wakchaure Sanket (3266)
  - 6) Tajane Chintan (3252)

Group 5 :-

Title of project :- Smart dustbin

Team members :-

- 1) Khande Kaustabh Sudhir (3205)
- 2) Labade Shrikant Nandkumar (3212)
- 3) Lawande Abhay Subhash (3213)
- 4) Lawande Akash Babasaheb (3214)
- 5) Pachpute Rushikesh Ramesh (3228)
- 6) Ukhalkar Prajwal Pradip (3261)

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Group 6 :-

Title of project :- Wireless Notice board using bluetooth

Team members :-

- 1) Kasar Anshu (3204)
- 2) Kokate Gayatri (3208)
- 3) Kuldharan Pratiksha (3210)
- 4) Sonawane Vaishnavi (3250)
- 5) Todmal Mrudula (3260)
- 6) Talele Akanksha (3254)

Group 7 :-

Title of project :- Water level monitoring system.

Team members :-

- 1) Tikone Samrat Ashok (3259)
- 2) Navgire Siddharth Rajendra (3261)
- 3) Sonawane Vaibhav Vishwanath (3249)
- 4) Vidhate Anish Bapusahab (3263)
- 5) Thombze Onkar Popat (3258)
- 6) Walunj Sakshi Shivaji (3268)

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Smart dustbin

- Team members :-
- 1) Shinde Rutuja Sandip (3245)
  - 2) Kulkarni Aditi Mukund (3211)
  - 3) Sangale Sakshi Vilas (3241)
  - 4) Tajane Vaishnavi Dattatray (3253)
  - 5) Karad Viren Sachin (3203)

Group 9

Title of project - Smart Parking

- Team members -
- 1) Omm Kailash Malakar [3219]
  - 2) Om Pansare [3274]
  - 3) Om Tanpure [3255]
  - 4) Mohit Sakalkale [3238]
  - 5) Swaraj Shinde [3246]
  - 6) Ritesh Sambhus [3240]
  - 7) Arshan Sheikh [3242]

Group 10

Title of project - PID control

- Team members -
- 1) Harsh Sunil Chhajed [3117]
  - 2) Shubham Satish Bulkunde [3113]
  - 3) Deshmukh Vishwa Anant [3121]
  - 4) Pradnya Umesh Deshpande [3122]
  - 5) Bakshi Bharat Dhage [3123]
  - 6) Sakshi Dilip Dongare [3133]

Group 11

- Title of project - Gas leakage sensor
- 1) Dhangunde Chetan Manmath [3125]
  - 2) Navathar Aniket Abasaheb [3223]
  - 3) Aaditya Abasaheb (Shodke) [3146]
  - 4) Amit Sharad Salve [3230]
  - 5) Tayade Sandesh Kailas [3256]

Group 12 →

Title of project :- Smart notice board

- Team members -
- 1) Deshmukh manthan Shivaji (3120)
  - 2) Argade Sanchit Ganesh (3102)
  - 3) Barve sagar Dnyaneshwar (3109)
  - 4) Deshmukh Shrikeraj Prakash (3172)
  - 5) Bamle anuragh Balasaheb (3175)
  - 6) ~~Sangal~~ Ahire Sangket Dajdu (3173)

Group 13 →

Title of project :- Smoke Detection Using Arduino

- Team members :-
- 1) Jaware Abhijit Vijay (3205)
  - 2) Joshi Shubham Rajesh (3268)
  - 3) Kandekar Shivam Sharad (3272)
  - 4) The Uddhar Sampat (3258)
  - 5) Ganjve Prajwal Bobasaheb (3243)
  - 6) Gambhir Ganesh Navnath (3242)