

Vaishnavi Balaji Malwadkar

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EDUCATION

- **DKTE Society's Textile and Engineering Institute**, Ichalkaranji.
Degree- B. Tech. Electronics,
2023 – fourth year pursuing
- **Willingdon College Sangli.**
Passing year -2018-19
- **Pradnya Prabodhini Prashala**
Passing year 2016-17

HOBBIES

- Painting
- Sketching
- Watching series

Language

- English
- Marathi
- Hindi

SKILLS

- **Language** -C/C++.
- **Course Work**- Data Structures and algorithms, Object Oriented Programming.

PROJECTS

- **Brinell Hardness Testing** – (Mega project-2 sems)
The Brinell hardness test is used to determine hardness of metal. It is done by using image processing.
- **Gas detector alarm** – 5 days
Mq-2 sensor.
(MOS type Gas Sensor also known as Chemiresistors as the detection is based upon change of resistance of the sensing material).
- **Obstacle Detector** – 10 days
Arduino.
(Obstacle detection is process of using sensors, data structures, and algorithms to detect objects or terrain types that impede motion).
- **Home Automation** – 20 days
Raspberry pi PICO.
(Home automation system using an Raspberry pi PICO remotely controlled by any Android phone).

INTERNSHIP

- **Mitsubishi Electric** -Industrial training on FX5U PLC, GS2107 HMI, MR-JE20 servo.

ACHIVMENTS

- **Silver Badge in Hacker Rank C**
- **Ambar Drawing Competition (2020)** (Rank – 1 st , Ambar Committee DKTE)
- **Ganotsav Painting Competition (2021)** (Rank – 3 rd , WCE art circle)

CERTIFICATES

- **TECH-SYMPOSIUM 2K20**– Issued by ETRX Department DKTE