

VIJAYKUMAR H D

Electronics and Communication Engineering

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il.com



Belagavi – 587103

EDUCATION

Bachelor of Engineering

BASAWESHAWR
ENGINEERING COLLEGE
BAGALKOTE
2021–current

DTE BOARD

Gomatesh
Polytechnic
Diploma in (civil)
Hindwadi Belagavi
2018 – 2021

Secondary School Leaving Certificate (SSLC)

S V M High
School 2017

LANGUAGE

- English
- Hindi
- Kannada

PROFILE SUMMARY

Confident Student having an eagerness to acquire the domain specific innovative technology knowledge. Solid academic achievement paired with demonstrated commitment and integrity. Results-driven student with excellent organizational and communication skills. Strong analytical thinker and problem solver.

PROJECTS ACCOMPLISHED

Smart Piezoelectric System • A smart piezoelectric system uses piezoelectric materials to convert mechanical vibrations or pressure into electrical signals and vice versa. These systems are widely used in sensors, actuators, and energy harvesting devices. They enable real-time monitoring and adaptive control in fields like aerospace, biomedical, and structural health monitoring. Their smart capabilities allow for self-powered and responsive functionality.

AIR QUALITY MONITORING System • An Air Quality Monitoring System measures pollutants like CO₂, PM2.5, PM10, NO₂, and ozone in the environment. It uses sensors and microcontrollers to collect and analyze air quality data in real-time. These systems help track pollution levels, raise awareness, and support environmental and health regulations. They are used in smart cities, industries, and residential areas for better air management.

EXPERIENCE

Internet of Things (IoT) Internship

- Gained hands-on experience with Arduino and its real-world applications.
- Learned to integrate Wi-Fi and Bluetooth technologies in building a smart home system.
- Designed and developed a mini project: Vehicle Speed Detector using dual IR sensors to accurately measure and display the speed of a moving vehicle.

Thing Techno Pvt Ltd

- Completed a Three-month internship at Thing Techno Pvt Ltd as a Embedded System.

SKILLS AND EXPERTISE

- Programming Languages: Basics of C, , HTML, CSS, MySQL.
- Hardware skills: Arduino programming and interfacing
- MS Office
- Effective Communicator
- Energetic and Enthusiastic
- Volunteer Motivation and Performance

PERSONAL DETAILS

- Date of birth: 30 April 2001
- Address: Hindwadi Belagavi, Karnataka.