



## EDUCATION

### MIT Academy of Engineering, Pune

2023 - 2027

B.Tech. - Electronics and Telecommunication Engineering | CGPA: 7.13 / 10

### New Art Commerce and Science College Ahmednager, Ahmednagar

2023

12<sup>th</sup> | State Board | Percentage: 60.83 / 100

### New English School Wasunde, Ahmednagar

2021

10<sup>th</sup> | State Board | Percentage: 93 / 100

## INTERSHIPS

### VOIS & Edunet Foundation | IT / Computers - Software

10 Sep, 2025 - 08 Oct, 2025

Conversational Data Analytics with LLMs.

#### Key Skills:

Large Language Models (LLMs)

Exploratory Data Analysis (EDA)

Data Collection, Cleaning & Pre-processing

Conversational Data Analytics

### Edunet Foundation & IBM Cloud Platform | Education

14 Jul, 2025 - 06 Aug, 2025

SkillsBuild & IBM Cloud in Emerging Technologies (AI & Cloud)

#### Key Skills:

Data Analytics

Cloud Computing

Auto AI

Artificial Intelligence

Generative AI

Chat Bot - AI

### AICTE | Technology

31 Jan, 2025 - 12 Mar, 2025

THE Agnirva Space Internship Program

The Agnirva Space Internship Program has been an enriching experience, providing a solid foundation in space science and its implications. By bridging the gap between curiosity and expertise, this program has equipped participants with the confidence to engage in meaningful discussions about space and its future. The insights gained will be instrumental in shaping career trajectories and fostering a lifelong interest in the wonders of the universe.

### Infosys Springboard | Telecom

20 Jun, 2024 - 31 Jul, 2024

Infosys

#### Key Skills:

Python

Data Science

IOT

## PROJECTS

### Smart Security Alarm System using Raspberry Pi

05 Aug, 2025 - 11 Nov, 2025

Mentor: Prof. Amit Nagarale | Team Size: 3

#### Key Skills:

Embedded Systems

Operating Systems

Sensors

Tools

Programming

Project Link: [https://drive.google.com/drive/folders/1Lsm9XCZ1JR3Y2\\_9kFNlrmVmBul4lbGP9?usp=sharing](https://drive.google.com/drive/folders/1Lsm9XCZ1JR3Y2_9kFNlrmVmBul4lbGP9?usp=sharing)

### DIABETES PREDICTION SYSTEM USING MACHINE LEARNING

04 Aug, 2025 - 10 Nov, 2025

Mentor: Prof.Nutan Bansode | Team Size: 3

#### Key Skills:

Machine Learning

Data Preprocessing & EDA

Model Optimization

Model Deployment

Programming

Model Evaluation

Project Link: <https://drive.google.com/drive/folders/1GXPN4FvxJKCDPwwpJZ2926jPtQV3tFF?usp=sharing>

### Smart Buddy Travel Agent

04 Aug, 2025 - 10 Nov, 2025

Mentor: Prof.Poonam Manjare | Team Size: 3

**Key Skills:** Web Development Intelligent System Design Software Architecture Design

**Project Link:** <https://drive.google.com/drive/folders/1NXb5d97AjYLWjaXYPWPXTVoCy4wfLizc?usp=sharing>

### Digital Wireless Communication

02 Feb, 2025 - 27 May, 2025

**Mentor:** Dr. Vipin Yadav | **Team Size:** 4

**Key Skills:**

Source coding for voice Source coding for data Channel coding Modulation scheme Satellite Link Communication

**Project Link:** <https://drive.google.com/drive/folders/1EZrjL4tK6vKfKN38N1KcwmtF2kPIMlqh?usp=sharing>

### Drowsiness Detection and Accident Prevention System

01 Sep, 2024 - 08 May, 2025

**Mentor:** Prof. Satish Kabra | **Team Size:** 4

**Key Skills:** Python Programming OpenCV Problem Solving Image Processing Real-Time Systems Machine Learning

**Project Link:** [https://drive.google.com/drive/folders/12LmyrN7W6\\_IlazRYTIRN1wSHej30ueFY?usp=sharing](https://drive.google.com/drive/folders/12LmyrN7W6_IlazRYTIRN1wSHej30ueFY?usp=sharing)

The Sleep Detection and Accident Prevention System enhances road safety by detecting driver fatigue in real time and taking preventive measures. Its integration into modern vehicles promotes smarter and safer transportation, reduces accidents, saves lives, and encourages responsible driving. This innovation marks a significant step in automotive safety technology.

### Fourier Transform and Its Relationship to MRI

29 Jul, 2024 - 18 Nov, 2024

**Mentor:** Dr. Gayatri A | **Team Size:** 2

**Key Skills:** Fourier Transform used MATLAB Engineering Mathematics

**Project Link:** [https://drive.google.com/drive/folders/1\\_yjEVJtZA-RCf7RT877cRxji6vWNYJ3z?usp=sharing](https://drive.google.com/drive/folders/1_yjEVJtZA-RCf7RT877cRxji6vWNYJ3z?usp=sharing)

### Circular Slotted Patch With Defected Grounded Monopole Patch Antenna For Microwave-based Head Imaging Applications

28 Jul, 2024 - 18 Nov, 2024

**Mentor:** Dr. Vivekanand Joshi | **Team Size:** 4

**Key Skills:** HFSS Antenna Design Frequency Gengenerated Current Disturbution

**Project Link:** [https://drive.google.com/drive/folders/1vGt55tZ3PA1Ed5Yl8XOtaZKqAF7xoyX-?usp=drive\\_link](https://drive.google.com/drive/folders/1vGt55tZ3PA1Ed5Yl8XOtaZKqAF7xoyX-?usp=drive_link)

### Fingerprint Door Lock System

15 Feb, 2024 - 15 May, 2024

**Mentor:** Dr. Vishal Puranik | **Team Size:** 3

**Key Skills:** Use of Arduino , Microcontroller , Proteus Software

**Project Link:** [https://drive.google.com/file/d/1cR83uaR9i33QRBMskKIPVvO90VfpJAIS/view?usp=drive\\_link](https://drive.google.com/file/d/1cR83uaR9i33QRBMskKIPVvO90VfpJAIS/view?usp=drive_link)

### Stock Price Prediction Using LSTM Algorithm

15 Feb, 2024 - 01 May, 2024

**Mentor:** Prof . SHARMILA KHARAT | **Team Size:** 2

**Key Skills:** Image Processing Machine Learning HTML CSS

**Project Link:** [https://drive.google.com/file/d/1fzYwtT\\_NOyRZjklXsoUFJ5XXCTk9PD9m/view?usp=drive\\_link](https://drive.google.com/file/d/1fzYwtT_NOyRZjklXsoUFJ5XXCTk9PD9m/view?usp=drive_link)

### Mobile Phone Call Detector

07 Sep, 2023 - 24 Nov, 2023

**Mentor:** Dr.Usha Verma | **Team Size:** 2

**Key Skills:** PCB Design, layout,made

**Project Link:** [https://drive.google.com/file/d/1MLXMcsWIMIh-\\_ihkQq6osQh5ErCOe4-Y/view?usp=drive\\_link](https://drive.google.com/file/d/1MLXMcsWIMIh-_ihkQq6osQh5ErCOe4-Y/view?usp=drive_link)

## ASSESSMENTS / CERTIFICATIONS

### CODESPRINT Competition under the National Level Technical Event

CODECHEF

### MATLAB Onramp

MATLAB

### Python Essentials 1

Cisco Networking Academy

### Introduction to Cybersecurity

Cisco Networking Academy

**Python (Basic)**

HackerRank

**Problem Solving (Basic)**

HackerRank

**C# (Basic)**

HackerRank

**CSS (Basic)**

HackerRank

**Bridging the Physical and Virtual Worlds**

IEEE BOMBAY SECTION

**Synthesis , STA , Physical Design & Demo on Cadence Tools**

Udemy

**Ethical Hacker**

Cisco Networking Academy

**AI Fundamentals with IBM SkillsBuild**

Cisco Networking Academy

**Data Science Essentials with Python**

Cisco Networking Academy

**Simulink Onramp**

MATLAB

**IP Verification using UVM - Project demo with tools**

Udemy

**Getting Started with Artificial Intelligence**

IBM

**Journey to Cloud: Envisioning Your Solution**

IBM

**Lab: Retrieval Augmented Generation with LangChain**

IBM

**REST APIs using Spring**

Infosys Springboard

**Spring Data Essentials**

Infosys Springboard

**Spring Essentials**

Cisco Networking Academy

**Spring Microservices**

Infosys Springboard

**TypeScript Essentials**

Infosys Springboard

**IoT Architectural Engineering**

L&amp;T EduTech

**Java (Basic)**

HackerRank

**JavaScript(Basic)**

HackerRank

**Introduction to Industry 4.0 and Industrial Internet of Things****Aggregate:** 73 / 100**Subjects:** Internet of Things ( 72.78 / 100 )**Fundamentals of Deep Learning**

SEMINARS / TRAININGS / WORKSHOPS

|  |                             |
|--|-----------------------------|
| <b>GeeksforGeeks Institute Name:</b> GeeksforGeeks                     | 01 Mar, 2025 - 30 Mar, 2025 |
| <b>Key Skills:</b> Placement Preparation                               |                             |
| Technical workshop conducted on Placement Preparation by GeeksforGeeks |                             |
| <b>Electronic Workshop</b>   | 22 Sep, 2023 - 27 Oct, 2023 |
| <b>Institute Name:</b> MIT Academy of Engineering, Pune                |                             |

EXTRA CURRICULAR ACTIVITIES

- Marathi Bhasha Sanvardhan Pandharwada
- Unnat Bharat Abhiyan
- World Intellectual Property Day
- World Creative and Innovation Day
- World Water Day
- Awareness About Lymphatic Filariasis

PERSONAL INTERESTS / HOBBIES

- Cricket, Chess

IMs

- Other - <https://www.linkedin.com/in/sandesh-borude-a90893225/>
- Other - <https://www.hackerrank.com/profile/h202301070185>
- Other - [https://www.codechef.com/users/quasi\\_falcon](https://www.codechef.com/users/quasi_falcon)

PERSONAL DETAILS

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|---|---|
| <b>Gender:</b> Male   | <b>Date of Birth:</b> 04 Dec, 2004                                |
| <b>Marital Status:</b> Single   | <b>Known Languages:</b> English , Hindi , Marathi, C , C++,Python |
| <b>Current Address:</b> AT/post Wasunde . Tal- Parner . Dist- Ahmednager, Ahmednagar, Maharashtra, India - 414304 | ,Java, AI ,HTML,CSS, Data Science                                 |
| <b>Emails:</b> borudesandesh74@gmail.com , 202301070185@mitaoe.ac.in  | <b>Phone Numbers:</b> +91-9699942545, +91-8975788146              |