



## EDUCATION

<b>MIT Academy of Engineering, Pune</b> B.Tech. - Electronics and Telecommunication Engineering   CGPA: 7.13 / 10	2023 - 2027
<b>New Art Commerce and Science College Ahmednager, Ahmednagar</b> 12 <sup>th</sup>   State Board   Percentage: 60.83 / 100	2023
<b>New English School Wasunde, Ahmednagar</b> 10 <sup>th</sup>   State Board   Percentage: 93 / 100	2021

## INTERNSHIPS

<b>VOIS &amp; Edunet Foundation</b>   IT / Computers - Software Conversational Data Analytics with LLMs. <b>Key Skills:</b> Large Language Models (LLMs) Exploratory Data Analysis (EDA) Data Collection, Cleaning & Pre-processing Conversational Data Analytics	10 Sep, 2025 - 08 Oct, 2025
<b>Edunet Foundation &amp; IBM Cloud Platform</b>   Education SkillsBuild & IBM Cloud in Emerging Technologies (AI & Cloud) <b>Key Skills:</b> Data Analytics Cloud Computing Auto AI Artificial Intelligence Generative AI Chat Bot - AI	14 Jul, 2025 - 06 Aug, 2025
<b>AICTE</b>   Technology 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.	31 Jan, 2025 - 12 Mar, 2025
<b>Infosys Springboard</b>   Telecom Infosys <b>Key Skills:</b> Python Data Science IOT	20 Jun, 2024 - 31 Jul, 2024

## PROJECTS

<b>Smart Security Alarm System using Raspberry Pi</b> Mentor: Prof. Amit Nagarale   Team Size: 3 <b>Key Skills:</b> Embedded Systems Operating Systems Sensors Tools Programming <b>Project Link:</b> <a href="https://drive.google.com/drive/folders/1Lsm9XCZ1JR3Y2_9kFNlrmVmBuI4lbGP9?usp=sharing">https://drive.google.com/drive/folders/1Lsm9XCZ1JR3Y2_9kFNlrmVmBuI4lbGP9?usp=sharing</a>	05 Aug, 2025 - 11 Nov, 2025
<b>DIABETES PREDICTION SYSTEM USING MACHINE LEARNING</b> Mentor: Prof. Nutan Bansode   Team Size: 3 <b>Key Skills:</b> Machine Learning Data Preprocessing & EDA Model Optimization Model Deployment Programming Model Evaluation <b>Project Link:</b> <a href="https://drive.google.com/drive/folders/1GXPN4FvxJKCDCPwwpJZ2926jPtQV3tFF?usp=sharing">https://drive.google.com/drive/folders/1GXPN4FvxJKCDCPwwpJZ2926jPtQV3tFF?usp=sharing</a>	04 Aug, 2025 - 10 Nov, 2025
<b>Smart Buddy Travel Agent</b> Mentor: Prof. Poonam Manjare   Team Size: 3	04 Aug, 2025 - 10 Nov, 2025

**Key Skills:** Web Development

Intelligent System Design

Software Architecture Design

**Project Link:** <https://drive.google.com/drive/folders/1NXb5d97AjYLWjaXYPPWXTVoCy4wfLizc?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\\_llazRYTIRN1wSHej30ueFY?usp=sharing](https://drive.google.com/drive/folders/12LmyrN7W6_llazRYTIRN1wSHej30ueFY?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 Gengerated

Current Disturbation

**Project Link:** [https://drive.google.com/drive/folders/1vGt55tZ3PA1Ed5YI8XOtaZKqAF7xoyX?usp=drive\\_link](https://drive.google.com/drive/folders/1vGt55tZ3PA1Ed5YI8XOtaZKqAF7xoyX?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&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

**GeeksforGeeks Institute Name:** GeeksforGeeks

01 Mar, 2025 - 30 Mar, 2025

**Key Skills:** Placement Preparation

Technical workshop conducted on  
Placement Preparation by GeeksforGeeks

**Electronic Workshop**

22 Sep, 2023 - 27 Oct, 2023

**Institute Name:** 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

**Gender:** Male

**Date of Birth:** 04 Dec, 2004

**Marital Status:** Single

**Known Languages:** English , Hindi , Marathi, C , C++,Python ,Java, AI ,HTML,CSS, Data Science

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