PRASAD KALE

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# EDUCATION

**B. Tech, Electronics and Communication Engineering** 2023 - 2027 (Exp.) CGPA: 8.10 MIT World Peace University, Kothrud, Pune

**Class XII,** 2022 - 2023

Percentage: 73.17 Atma Malik English Medium Gurukul

# Class X, 2019 - 2020

Percentage: 86.60 Atma Malik English Medium Gurukul

# SKILLS

**Technical Skills** Arduino, 8051 Microcontroller ,MS Office

**Database and Tools** Git/GitHub, Visual Studio Code, Multisim, Keilµvision

**Programming Languages** C, C++, Embedded C, Assembly Language

**Soft Skills** Critical Thinking, Strong Communication, Keen Attention to Detail, Adaptability

# PROJECTS

**Ultrasonic Radar System using Arduino.** Developed a radar system using an ultrasonic sensor and servo motor to detect nearby objects. Implemented real-time visualization using Processing IDE. Improved detection accuracy by optimizing sensor angles.

**RFID-Based Attendance System.** Designed and implemented an attendance system using RFID, Arduino, and a database. Integrated an RFID module (RC522) with an Arduino to scan ID cards and log attendance. Developed a real-time database system to store and retrieve attendance records. Improved security and accuracy by implementing unique RFID tags and time-stamping.

# EXPERIENCE

**Club President** 2020 - 2022

Sheiling House Computer Club Atma Malik English Medium Gurukul

* Member and eventually President of my School’s Computer Club responsible for the Technical Workings and Support of the School and for the organization of the Inter-House Technological competition ”Teknovation”.

**Club Chief Coordinator** 2021 - 2022

Sheiling House English Literary Club

Atma Malik English Medium Gurukul Chief Coordinator of my School’s English Literary Student Society responsible for the promotion of improved English usage and Literature and for the organization of the Inter-House Literary Competition ”Abhivyakti”.

**Club Founder and President** 2018 - 2022

Sheiling House Quizzing Club Atma Malik English Medium Gurukul

* Founded the School’s Quizzing Club. Promoted General Knowledge and Quizzing, mentored and trained junior students, organized and anchored various Quizzes related to various domains like Literature, Trivia, Current Affairs, Technology and even Mathematics.

# EXTRA-CURRICULAR ACTIVITIES

* **Vivekananda Samiti.** Volunteered at a Non-Government Organization to teach under-privileged children and raise funds for their higher education.
* **Keen interest in Quizzing.** Participated in and won several national level quizzing and related competitions, founded my school’s quizzing club while in just Class IX.