PRIYANKA CHAVAN

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Contact : Gmail / Linkedin / Portfolio

EDUCATION

Bachelor of Engineering, Army Institute of Technology, Pune — 2022-2026
Branch: Mechanical Engineering.

Secondary School, Army Public School, Ranchi — 2021-2022
Percentage: 92.8

High School, Army Public School, Ranchi — 2019-2020
Percentage: 87.8

POSITIONS OF RESPONSIBILITY

Joint Secretary, Spiritual Club — August 2023- June 2024
Army Institute of Technology, Pune
Directed the planning and implementation of various Indian cultural festivals.

Member, Center of Excellence for AI and Robotics — October 2022- July 2023
Army Institute of Technology, Pune
Coordinated and managed 5+ CEAR Club events and competitions annually, boosting student engagement and increased participation.

Member, Sports Club — October 2022- July 2023
Army Institute of Technology, Pune
Managed smooth conduction of over 7 sports events during PACE, an inter-college sports fest.

PROJECTS

3D Printing and Analysis (Mechanical Clock utilizing Rolling Ball Escapement Mechanism) — 2024
SolidWorks

1. Sketching of different components of the Mechanical Clock.
2. Modelling of the different components using SolidWorks
3. Did Analysis of the components and the clock using SolidWorks Simulation.
4. 3D Printing of the Mechanical Clock.

Smart India Hackathon — 2023

1. Participated in Smart India Hackathon
2. Problem Statement Title: Projection of the extent of inundation corresponding to the forecasts of flood levels in a river.

SKILLS

Tools and Software	SolidWorks, Fusion360, AutoCAD.
Programming Languages	Python(Basics), HTML(Basics).
Analysis Software	SolidWorks, Ansys.
Developing Tools	VS Code, MS Excel.

ACHIEVEMENTS

1. Completed NCC 'B' and 'C' Certificate. Participated in two CATCs. — 2022-2025
2. 3D Printing (Mechanical Clock utilizing Rolling Ball Escapement Mechanism) — 2024
   i. Did sketching, modelling, analyzing and 3D Printing of a Mechanical Clock.
   ii. Won third position and prize in AIT Project Based Learning Exhibition.