



# PRAVIN RANGRAO SANKPAL

B.Tech Mechanical Engineering, Minor in Computer Science Engineering

## CONTACT:

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## PERSONAL INFORMATION:

- Birth of Date – 05/09/2004
- Languages - English, Hindi, Marathi
- Gender - Male

## TECHNICAL SKILLS:

- CREO
- CATIA V5
- SOLIDWORKS
- ANSYS

## SOFT SKILLS:

- Communication Skills
- Teamwork
- Collaboration
- Problem Solving
- Adaptability and Flexibility

## EXTRA-CURRICULAR ACTIVITY:

- Tantra Yaan” Quiz Event on Modern I.C. Engines & EVs
- Participated in a “DRAW IT” event organized at RIT College, Rajarambapu.
- Participated in a “Cricket Tournament”. Organized at Walchand College, Sangli.
- Participated in a “State-level Netball Tournament”.

## CAREER OBJECTIVE:

My goal is to solve real-world problems with innovative and efficient solutions, while contributing to the organization's success. I am eager to learn new technologies, enhance my technical knowledge, and grow professionally in the field of mechanical engineering

## EDUCATION:

- Rajarambapu Institute of Technology, Rajaramnagar (2023-2026)**  
B.Tech Mechanical Engineering, Minor in Computer Science  
CPI: 7.62
- Walchand College of Engineering, Sangli (2020-2023)**  
Diploma in Mechanical Engineering  
Percentage: 77.13 %
- Adarsh Vidyaniketan, Minche (2019-2020)**  
Percentage: 91.60 %

## INTERNSHIPS & EXPERIENCE:

- Tata Motors December 2025 ECM Department (Intern)**  
Engineering Intern at Tata (Engineering Change Management) Facilitating cross-functional design updates and department coordination using PLM and SAP. Actively driving a BOM compliance project to optimize engineering change workflows through AI/ML deployment.
- D-MECH INDUSTRY July 2022 – Aug 2022 Quality Control Department (Intern)**  
Gained hands-on experience in precision measurement using micrometers, calipers, and gauges to verify component dimensions.
- Yashashri Industries June 2024 – July 2024 Manufacturing Department (Intern)**  
Executed precision machining (lathe, boring, drilling) while analyzing technical blueprints, gaining crucial, hands-on insights into Design for Manufacturability (DFM) and real-world tooling constraints.

## PROJECTS:

- Electromagnetic Braking System**  
An electromagnetic braking system is a modern expertise braking system used in light motor and Heavy motor vehicles. This system is a combination of electro-mechanical perceptions. The frequency of accidents is nowadays rising due to an incompetent braking system.
- Liquid Cooling System Design for Battery**  
Built an efficient battery design with a proper cooling system