



SAMARTH N RUMALE

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Career Objective:

With an intention to achieve an entry-level position in a leading organization in Design, Automobile, Manufacturing, Petroleum, Aerospace, Production anywhere in India.

Academic Qualification:

QUALIFICATION	INSTITUTE	YEAR	SGPA	%
BE 6 th Semester	Pimpri Chinchwad College of Engg. (PCCOE),Pune	2019	9.32	82.06
BE 5 th Semester	Pimpri Chinchwad College of Engg. (PCCOE),Pune	2018	8.43	74.18
BE 4 th Semester	Pimpri Chinchwad College of Engg. (PCCOE),Pune	2018	8.48	74.64
BE 3 rd Semester	Pimpri Chinchwad College of Engg. (PCCOE),Pune	2017	8.72	76.76
BE 2 nd Semester	Pimpri Chinchwad College of Engg. (PCCOE),Pune	2017	8.84	77.78
BE 1 st Semester	Pimpri Chinchwad College of Engg. (PCCOE),Pune	2016	8.76	77.08
CLASS XII(HSC)	Maharashtra State Board (Nirmal Bethany College),Pune	2016	-	77.23
CLASS X(SSC)	SSC(Alphonsa HighSchool),Pune	2014	-	87.80

Internships:

1. TATA Motors, Pimpri, Pune.
2. Expertshub Industry Skill Development Centre India.

Project and Event Details:

During BE:

1. **Final Year Project:** Design, Manufacturing, Assembly and testing of an Internal shot blasting machine.
Objective: To develop an internal shot blasting machine to improve worker efficiency and to improve the production rate.
2. Worked on a Project named “**Development of a mathematical model of 3 dimensional pipe bending for spring back compensation.**”
Objective: To create a mathematical model to control the spring back issue in 3 Dimensional pipe bending using mathematical knowledge of Co-ordinate geometry, 3D lines, planes, etc.
Achievement: Completed the project and the project work was rated as **excellent** at **TATA Motors**, Pimpri.
3. Has given an Intercollegiate Seminar on topic **Hyperloop: 5th Mode of transportation.**

4. Worked on a Project of “**Queue Management System.**”
Objective: To develop a mechatronics system which can handle the crowd entering at places like Heritage places, malls, Worship places, etc.
Achievement: Gained the hardware as well as programming knowledge of Arduino Atmega 328 P.
5. Attended a workshop on “**System Design, operations and maintenance of Electric Storage Battery**” including simulation.
Objective: The Workshop was organized to know about the working and maintenance of an electric storage battery.
Achievement: Learned and understood all the basic and some advanced concepts of electrical storage batteries.
6. Worked on a **Vehicle Design** Project which would reduce the travel time by more than **50%**
Objective: The project was to implement a creative and innovative idea on existing vehicles, which would further help in growth and development of the nation.
Achievement: Secured **1st** in the Project Competition and gained useful knowledge in Vehicle designing and Prototyping.
7. Other projects: Water level indicator, Brake power dynamometer, working model of a steam Boiler.

Extra-Curricular Activities:

- Completed a 4-year intensive diploma in **Sea and Naval training.**
- Secured **1st position** in Vehicle Designing and Prototyping project competition
- Attended a **Coastal Clean-up** program under Ocean Cadet Academy.
- Active member of **Scout and Guide.**
- `Secured C-grade in **Elementary drawing** competition and **Intermediate drawing** competition at school level.
- An Active **Blood donor.**
- Completed the **MS-CIT** course.

Skills / Qualities:

- Good communication
- A Team player
- Good Analytical and Leadership Quality
- Hardworking with good Interpersonal skills
- Creative

Technical Skills:

- **Softwares:** Catia, AutoCAD, Matlab, Solidworks, Mastercam, Ansys.
- **Computer languages :** C

Other Activities & Interests:

- Cricket Addict
- Sketching
- Trekking
- Gymming

Personal Dossier:

Date of Birth : 25 July 1998
Languages Known : English, Hindi and Marathi
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