



Ajay Singh

(B.Tech : Mechanical Engineering)

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PROFILE

Seeking a graduate role in Mechanical Engineering Industries to work in a professional work-driven environment where I can utilize and apply my knowledge, and skills which would enable me as a fresh graduate to grow while fulfilling organizational goals. I look forward to applying my knowledge through engineering techniques and analysis.

TECHNICAL TRAININGS, MINI PROJECTS AND CERTIFICATIONS

7 days Training on Design Software: AUTOCAD

- Certification from AUTODESK

7 days Training on Design Software: SOLIDWORKS

- Certification from CAD/CAM Expert

30 days internship at diesel locomotive shed Abu Road Rajasthan.

30 days training on CNC Lathe machine from MSME training centre.

15 days Training on CNC Machine (Lathe) Programming and prepared four different Jobs.

Experience:

- Paid internship at GIMPL, Shishvi minerals plant.

WORKSHOPS PARTICIPATIONS

- 2days workshop on Arduino UNO.
- I have participated in ROCKETRY workshop which is taken by Airwing Flying Machine Pvt. Ltd. In college campus
- 7days workshop on Four stroke & Two stroke engine.
- 1day industrial visit at TANJ stone & quartz.
- 1day industrial visit at Ryhan international Udaipur.
- 1day industrial visit at SHAH polymer, Udaipur.
- 1day industrial visit at SARAS DAIRY, Udaipur.

DESIGN AND ANALYSIS BASED PROJECTS before FINAL YEAR

Third Year Project: Elliptical Trammel

Elliptical Trammel is an inversion of double slider crank chain mechanism. A double slider crank chain consists of four links forming two sliding pair and two turning pair hence called RRPP.

1. Final Year Major Project: COBOT (Collaborative Robot): -

Explanation: Cobot is an advanced robotics system designed to work collaboratively with humans in a shared

Workspace and equipped with sensors and safety mechanisms to detect and respond to human presence, ensuring a safe working environment.

RESEARCH PAPER PUBLISH ON: COBOT (Collaborative Robot) in Manufacturing Industries and Assembly.

Technical Skills Proficiency:

- AutoCAD
- SolidWorks
- MS Office
- CNC Programming
- Leadership Quality

Additional Skill

- NCC (National Cadet Corps)

ACADEMIC PROGRESS:

Qualification	Board/ University	Year of Passing	Percentage\CGPA								
			I	II	III	IV	V	VI	VII	VIII	Agg.cgpa
B. TECH	Rajasthan Technical University, Kota	2024	9.90	9.95	8.84	8.46	8.28	8.30	7.8	9.32	8.0
12TH	RBSE	2020	74.20								
10TH	RBSE	2018	82.67								

LANGUAGES: **ENGLISH AND HINDI**

HOBBIES AND INTERESTS: **Playing Kabaddi, Watching Movies**

PERSONAL DETAILS

- **Date of Birth:** 12/12/2001
- **Father's Name:** Mr. Megh Singh
- **Mother's Name:** Mrs. Sarlesh Baghel
- **Marital Status:** Single

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge

AJAY SINGH

Place: UDAIPUR

