



Abishekh kumar

B.Tech – Mechanical Engineering – IIT, Dhanbad

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EXPERIENCE

Marcon Healthcare, Jaipur—Business Analysis

MAY 2023 - JULY 2023

- Identify the sources of medicines sales data, which may include sales data records, point-of-sale (POS) systems, and inventory databases.
- Calculate key performance indicators (KPI) such as sales revenue, profit margins and growth rates for each district. Data by district and analyze sales performance in each district.
- District with high and low sales, growth potential, and market saturation
- Gather historical sales data from these sources.

PROJECTS

Sand Filter & Separator Project — [Github](#)

- Sand is used in construction, manufacturing and many industries. Sand needs to be filtered and separated from unneeded particles.
- Our system puts forward a fully automated sand filtering and separator system that automatically filters sand poured on it.
- Uses a motorized shaft that is mounted horizontally using mounts. The shaft is connected to a filter frame with mesh below and enclosing frame on this side.
- A rod connected from the shaft to the filter frame to achieve the best horizontal motion.
- Components : Shaft, Motor, Mounts, Mesh, Support frame, Connecting Rod

Peaucellier mechanism — Perfect Straight Line Motion

- Peaucellier Mechanism, is a groundbreaking mechanical device that accomplishes a fundamental task in engineering: converting rotary motion into straight-line motion.
- The Peaucellier mechanism is based on a configuration of six interconnected links arranged in a specific geometric pattern.
- Its operation relies on the special property of spatial linkages, where the path traced by a point in the linkage remains fixed in space.
- The mathematics behind its design and operation is the validity and accuracy of its linear motion conversion

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — B.Tech Mechanical Engineering

JULY 2019 - MAY 2024 CGPA – 6.34

Modern Senior Secondary School, Gurdaspur

12th - APRIL 2018 - APRIL 2019 - 72.7%

Kendriya Vidyalaya Tibri Cantt, Gurdaspur

10th - APRIL 2016 - APRIL 2017 - 8.8 CGPA

SKILLS

- MS-Office:** Excel, word, PowerPoint
- Engineering Software:** AutoCAD 3D Modeling
- Soft Skills:** Adaptability, Emotional Intelligence, Time Management, Work Ethics.
- Core Skills:** Understanding skills in machinery and equipment design, Good Manufacturing Skills, Project Management, Mechanical Design
- Programming Languages:** C++.

ACHIEVEMENTS

- Achieved All India rank 6241 In CodeKaze (Round 2) 2023 (Out of 16k Participants).
- Participate In Brain Wave IIMT Achieved Rank in 32 (Out of 3k Participants)
- Qualified JEE Mains & Advance in 2019
- Participate in Mega Job A Thon Of GeeksforGeeks
- Participate in GovTech2023
- Participate in Flipkart Grid 5.0.

POSITIONS / EXTRACURRICULARS

- Active member** of the Gym of our College
- Active member** of the Cricket Club of our College