




SHIVAM KUMAR

MECHANICAL ENGINEERING AT THE MAHARISHI DAYANAND UNIVERSITY

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Compassionate Mechanical engineering Student with a Penchant for Creativity and Designing

SKILLS

CAD

- Solid works
- Auto CAD

MECHANICAL

- WELDING
- LATHE MACHINE

ELECTRICAL

- Arduino
- Soldering
- Wiring

COMPUTER

- MS-Excel
- Notion

EDUCATION

GOVT MODEL SANSKRITI SENIOR SECONDARY SCHOOL

High school

March 2019 - April 2021

- Term Average: **86%**

MAHARISHI DAYANAND UNIVERSITY

BTech in Mechanical Engineering
Currently in 4th semester

July 2021 - April 2025

- Excellent Standing
- 1st Sem Grade-SGPA: **07.85**
- 2nd Sem Grade-SGPA: **08.22**

RESEARCH AND PROJECT

SEABIN

- Gulati, Lakshay, Shivam Kumar, Anup Kumar, Kishan Sengar, Raja Ram Kumar, Kunal Arora, Neha Chauhan, and Yudhveer Kumar Verma. "Methodology for designing and fabricating a novel SEABIN used in the marine industries." 10th International Conference on Advancements in Engineering and Technology (ICAET-2022). ISBN No: 978-81-924893-7-7
- Our project proposal named "P-03 Design and Fabrication of typical Seabin used in marine industries" was short listed and funded by the "FAER-Integra Scholar Award Program 2023.
- led the project design of Seabin using **Auto CAD** and **SolidWorks**. Where Auto CAD is used to make 2d design and Solid works is used to make 3d design.
- Used Rotational motion instead of Reciprocating motion to optimize the detritus collection ability of the Seabin.

EXTRACURRICULARS

- Participated in IP Awareness/Training program under **NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**.
- Secured All India Percentile 84.5 in category 1 of **National Creativity Aptitude Test 2022**.
- Participated in the Quiz of the Hero Campus Challenge Season 8 organized by **Hero MotoCorp Limited**.

SOFT SKILLS

- **Time management:** Used to Scheduling and prioritizing Task.
- **Team Work:** I have successfully undertaken various teams project within academic and non-academic environments.