

SAROJ BASNET

Mechanical Engineering Student

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sarojbasnet369 Kathmandu, Nepal

Dingla, Bhojpur



PROFILE SUMMARY

BME 4th year student, passionate about design, simulations, and manufacturing processes. Committed to innovative and effective problem-solving, with a focus on developing practical and creative engineering solutions. Eager to continually expand my knowledge and explore new frontiers in engineering and design.

PROJECTS

Fabrication of Modified Distillation Apparatus Final Year Project

June 2024– Present

- Work in progress.

Fabrication of Plastic Injection Molding Machine

Collaborated with a team of peers

May 2022– February 2023

- Designed and fabricated a working model of a plastic injection molding machine using locally available materials.
- Focused on understanding the manufacturing process of plastic components and creating an affordable, functional prototype for small-scale use.

EDUCATION

Bachelor in Mechanical Engineering IOE Pulchowk Campus (Tribhuvan University)

May 2021 – May 2025 Pulchowk, Lalitpur

- 8th Semester Running
- Percentage: ***

SLC (NEB +2 Science)

Nepal Mega College

2018 – 2020 Babarmahal, Kathmandu

- GPA: 3.65/4.0

SEE (NEB)

New Summit English Boarding School

2018 Dingla, Bhojpur

- GPA: 3.60/4.0

EXPERIENCE

Intern

Gorkha Brewery Pvt. Ltd.

September-October 2024 Mukundapur, Nawalpur

- Plant layout optimization
- Audits for improvement
- Machine part documentation

ACHIEVEMENTS



Best Engineering Award-MechTriX 2079

Plastic Injection Molding Machine



Secured 3rd Rank

IOE BE/BArch. Entrance Exam 2077



YouTube Community

Developed a YouTube community of over 9,700 subscribers.

SKILLS

Teamwork

Motivator

Scriptwriting: Comedy & Educational Content

C Program, HTML & CSS

SolidWorks & AutoCAD

ANSYS

Microsoft Office (Excel, Word, PowerPoint)

Image Editing: GIMP, Canva

Adobe Premiere Pro

LANGUAGES

Nepali



English



Hindi



REFERENCES

Available upon request.