

SOME NOTES

ON

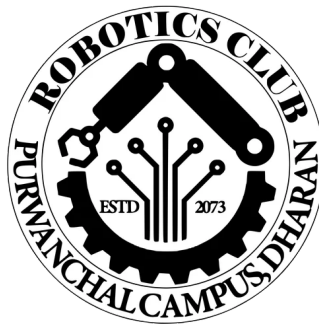
Day 1: Introduction to Robots and Robotics

By

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To

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TRIBHUWAN UNIVERSITY

INSTITUTE OF ENGINEERING

ROBOTICS CLUB

PURWANCHAL CAMPUS

DHARAN, NEPAL

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1 How I Got Here

1.1 Literally How

I read the venue — it said **Robotics Club**. Since I had been there before (it's just beside our TT board), I reached there just fine and attended the session. *Just kidding.*

1.2 The Actual How

I had always been interested in this club. Even during the orientation, when all the clubs were being introduced, the only one that actually caught my attention was the **Robotics Club**. Although I'm not very familiar with **technology**, **robotics**, **microcontrollers**, and oh god so many scary terms, the notice about an introductory event, **Technomorph**, really excited me.

This was my opportunity, so I filled out the form and went through great hardships — (*They made me write two 200-word essays!*) - and finally got selected as a candidate.

2 What I Learned

2.1 About robots and robotics

The most mind-boggling thing I learned-it might break your brain as well — *All robots don't have to be human like*, even **drones** are robots. On top of that, I learned about the different types of robots and also watched videos of some cool real-life robots. There also was **Laws of Robotics** — but we are cool people — we ignore boring bits.

2.2 About Time Travel

Then we went beyond robots, we talked about something even more advanced — **Time Machine**. Version Control System — **GIT** was introduced and we saw how we could travel back in time — to older versions of a project — with its power. Since this was my first introduction to such a concept, *I was beyond shook*. Then, I was also name-dropped to Github, Gitlab and Bitbucket.

2.3 About Documentation

The session then proceeded to the *forbidden realms*. We talked about the one thing that *Every programmer wishes for but no programmer is ready to make*, the **Documentation**. That is the reason I am even writing this thing right now to be honest. I also got to learn about **README.md** in GitHub repository and **Latex** and **Typst**.

3 The Assignment

There were 4 assignments on the first day:

1. **Install Arduino IDE V2**: Which was like 2 commands so pretty simple and easy.

2. **Search about Git and GitHub:** I was already amazed by these when I heard about them in the session so, looking them up was the first thing I did as soon as I reached home.
3. **Look up LaTeX and/or Typst:** I clearly did that as well, as I am writing this thing in Latex right now.
4. **Create a github repo and push Documentation written either in Latex or Typst:** This one is in process but will be done soon enough.

4 Conclusion

This was a great start to what seems like an exciting journey. Looking forward to building cool robots, breaking a few things (on purpose), and learning a lot along the way.