

SOME NOTES

ON

Day 1: Introduction to Robots and Robotics <Title>

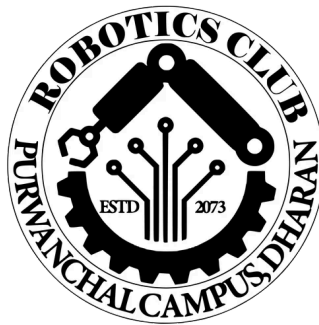
By

ADITYA

PUR081BAG002

To

Robotics club



TRIBHUWAN UNIVERSITY

INSTITUTE OF ENGINEERING

ROBOTICS CLUB

PURWANCHAL CAMPUS

DHARAN, NEPAL

2082-3-16

1 What I Understood After My First Robotics Class

In my first class on robotics, I learned the basic idea of what robots and robotics are.

1.1 What is a Robot?

A robot is a machine that can do tasks automatically. It can be programmed to follow instructions and perform actions like moving, picking things up, or sensing its surroundings.

Some robots can work on their own (autonomous), while others need some control from humans (semi-autonomous).

1.2 What is Robotics?

Robotics is the subject where we learn how to make and control robots. It includes:

- Mechanical parts – like arms, wheels, and joints
- Electronics – like sensors and circuits
- Programming – to tell the robot what to do

It is a mix of different subjects like physics, maths, and computer science.

1.3 Why Robotics is Important

Robots are used in many areas like:

- Factories (for making cars and machines)
- Hospitals (for surgeries)
- Farms (like automatic tractors and drones)
- Space (like Mars rovers)

1.4 My Thoughts

I found robotics very interesting because it connects many subjects I like. It feels exciting to learn how machines can think and move like humans. I am looking forward to learning how to build a simple robot myself in the future.



Figure 1: Logo of Tribhuvan University.

One	Plan
Two	Draft
Three	Document