

**SOME NOTES**

**ON**

**Day 1: Introduction to Robots and Robotics**

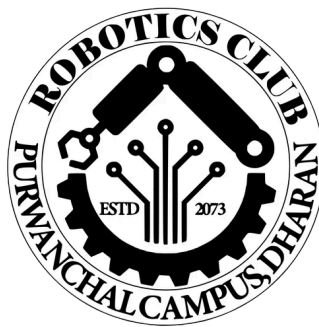
**BY**

**Shitala Adhikari**

**PUR081BEI030**

**To**

**Spandan Guragain**



**TRIBHUWAN UNIVERSITY**

**INSTITUTE OF ENGINEERING**

**ROBOTICS CLUB**

**PURWANCHAL CAMPUS**

**DHARAN, NEPAL**

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# 1 Types and classification of Robots

Based on function/ability the robots are classified in two category:

## 1.1 Autonomous Robots

They are the robots who can take decision by themselves. The best example is Tesla car.

## 1.2 Manual Robots

They are the robots who can't take their decision by themselves and need an operator for its operation. The best example is Bomb disposal robots.

# 2 Applications Across Industries

1. Manufacturing / Industrial
2. Healthcare / Medical
3. Agriculture
4. Service & Retail
5. Military & Defense
6. Space Exploration
7. Construction
8. Entertainment & Education
9. Home Automation

# 3 Extra

In day 1 of TechnoMorph, I came to know the vast world of Robotics. Starting from "what is robot" to its application and engineering behind it. Also some other things like: "Typst", "Latex", "Version Control", "Github" and "Arduino IDE".