

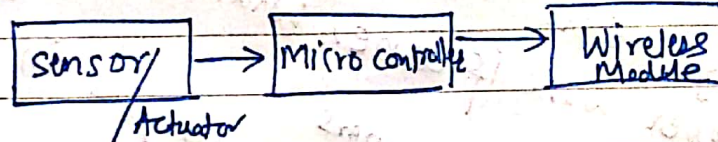
# Chapter - I

## Title of the Project

### Introduction

- The focus of the project or the work is **(IoT)**
- so first discuss about 'IoT'
- what do you mean by IoT?
- Explain all the aspects of IoT technology
  - What are the capabilities of IoT?
  - How these can be expanded
  - structure of IoT
  - (Explain all the elements in detail)

→ IoT device:-



wireless communication  
↓  
Networking  
↓  
Networking protocol

Explain each block in detail - ① Sensor - types of it - applications of it

#### ③ Antennas

- What is an antenna
- Ans. Antennas for IoT application
- Discuss each of those antennas

#### ② Actuators

- What is it?
- Where it is used?
- Types of it
- Actuators of IoT

#### ③ Microcontroller - Embedded Intelligence

- Types of it
- How it is programmed → ALP
- Which microcontrollers are used in IoT

#### ⑥ Communication

- ↓ involves **Networking**
- ↓ Networking protocols
- study diff. N/w protocols & brief them
- X next page

#### ④ Wireless Module

- What is wireless comm?
- How it is established??
- What are different wireless technologies?
  - Bluetooth
  - Wifi
  - ZigBee etc)

Explain all of them & compare



Describe the area of application you have chosen

Ex: Military surveillance.

What is military surveillance?

Discuss the social aspect of it how it is related to the benefit of society / How it is associated with human beings day-to-day life.

Pros and Cons involved in it.

Highlight all important things associated with it

Close the Section-I Introduction

## Chapter II - Literature Survey

The purpose of literature survey is to find the unsolved problems in that area using the IoT technology

Ex - Smart Energy meter.

Till now whatever work is done, what has not been tackled by IoT?

So, from 2000 - 2019, find out atleast 20 good papers related to that area and do the analysis in following way

Paper No	Year of publication	Author	Work done	Advantage	Disadvantages	Your opinion about dis adv
1						
2						
3						
4						
5						
6						
7						
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9						
10						
11						
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17						
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20						

Once this sheet is ready, find out a strong research problem \*

Study this problem by using various sources on the internet  
 To solve this problem in a smart way is the objective of the work  
 III. Problem Overview  
 Et: Objective of the Work