

# 4th

# **Industrial Revolution**

Learn with us

By Ahmad Manzoor

## 4th Industrial Revolution

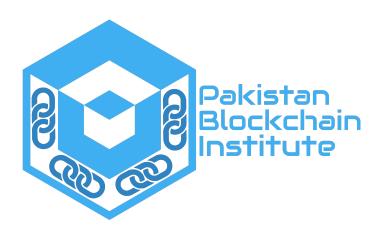
Learn all what you need to know about 4th IR

By Ahmad Manzoor

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We prepare this short booklet for all the new learners who want to learn about 4th Industrial Revolution's basics.

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### **Prologue**

This is a short manual to understand the 4th Industrial Revolution Technologies in very easy & understandable language.

This is Prepared this for beginners to give them a feeler about new upcoming technologies and how these technologies will change the world.

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#### What is Technology?

n simple words technology is the sum of techniques, skills, methods, and processes used in the production of goods or services or in the accomplishment of objectives, such as scientific investigation. Technology can be the knowledge of techniques, processes, and the like, or it can be embedded in machines to allow for operation without detailed knowledge of their workings. Systems (e.g. machines) applying technology by taking an input, changing it according to the system's use, and then

producing an outcome are referred to as **technology systems** or **technological systems**.

Whether it's practical (like washing machines, tumble dryers, refrigerators, cars, flooring materials, windows, or door handles) or for leisure (like televisions, Blu-ray players, games consoles, reclining chairs, or toys), all these things are **examples of technology**.

"It has become appallingly obvious that our **technology** has exceeded our humanity"

#### What is SMART?

SMART is stand for "Self-Monitoring Analysis And Reporting Technology", it enhances accuracy & efficiency of the system.

SMART is based on multiple technologies like:

Sensors, databases, and wireless access to collaboratively sense, adapt, and provide for users within the environment.