Internet Of Things

DEF: IOT is a world of interconnected things.
Internet of things = internet + Things.

INTERNET:

When two or more networks are connected ,it is called an **internetwork or internet.**The network consists of computer devices, gadgets, sensors, actuators, controllers etc which are powered by electrically means for data sharing.

THING:

"Thing" in IOT can be anything that operates or functions by electrical or electronic means. It includes electrical machinery,electronic gadgets, sensors and transducers, actuators and controllers, processors etc.
These things or devices have unique identities call IP addresses or URL and are capable of sensing, processing, monitoring etc.

IOT devices exchange data with each other and are capable of collecting and analyzing large amount of data.
Ex: CCTV, Weather Monitoring, etc.

EMBEDDED SYSTEMS:
EMBEDDED SYSTEMS= Hardware+Software+RTOS
The embedded devices are the objects that build the unique computing system. These systems may or may not connect to the Internet.
An embedded device system generally runs as a single application.

Ex:Automated door unlocking system,scientific calculator etc.