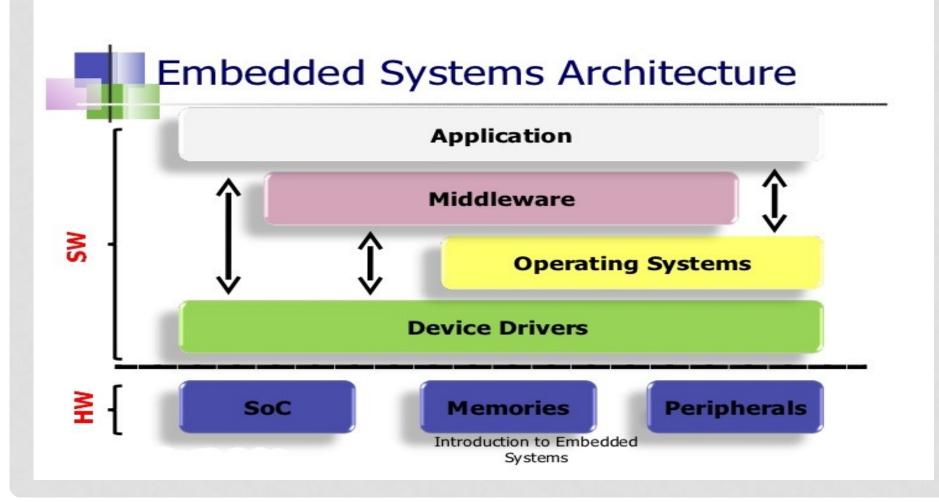
INTRODUCTION TO EMBEDDED SYSTEMS

WHAT IS AN EMBEDDED SYSTEMS?

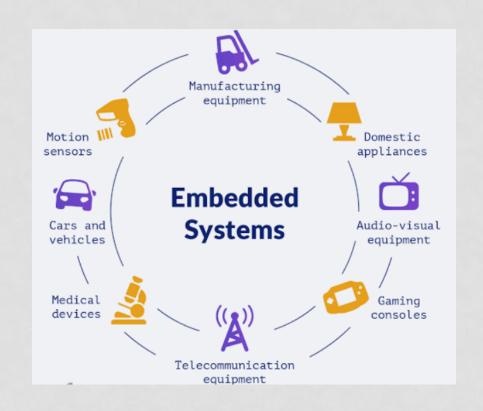
- Embedded means something that is attached to another thing. An embedded system can be thought of as a computer hardware system having software embedded in it.
- An embedded system is a special-purpose computer system designed to perform certain dedicated functions. It is usually embedded as part of a complete device including hardware and mechanical parts

ARCHITECTURE OF EMBEDDED SYSTEMS

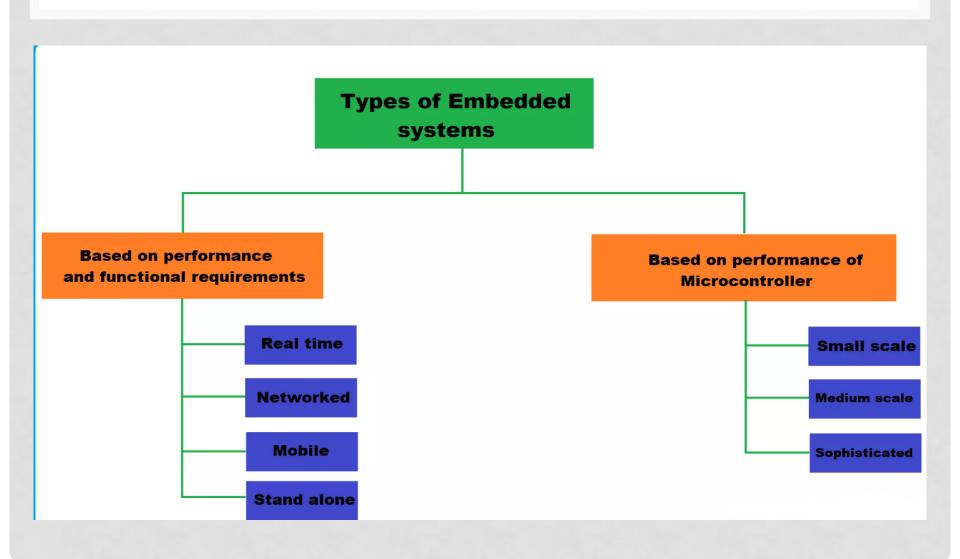


APPLICATIONS OF EMBEDDED SYSTEMS

- Industrial control / Automation / Monitoring
- Medical & Healthcare
- Transportation, Automotive & Railways
- Defense & Aerospace



TYPES OF EMBEDDED SYSTEMS



FUTURE OF EMBEDDED SYSTEMS

- Internet Of Things
- Ubiquitous Computing
- Cyber Physical Systems
- Context Aware Devices
- Organic Computing
- Automotive Contextual Reconfiguration
- Intelligent Devices

COURSES OFFERED IN RCAT

- Embedded Full Stack IIOT Analyst (6 Months, 1200Hrs)
- Basic Embedded Full Stack IIOT Analyst (3 Months, 600Hrs)
- Advance Embedded Full stack IIOT Analyst (3 Months, 600Hrs)
- Industrial Embedded IoT Internship (1 Month, 200Hrs)

THANK YOU!!