**UNIT-I**

**Embedded Computing & The embedded system design process**

1. Define Embedded Computing System. Give the history of computers embedded into applications since the earliest days of computing.
2. Discuss the Characteristics of Embedded Computing Applications.-
3. Discuss the significance of use of Microprocessors in digital design.
4. List the challenges in Embedded computing System Design & Discuss any two in detail.-
5. Give an Overview of embedded system design process with a case study.-
6. Briefly describe the distinction between requirements & specification.
7. Briefly describe the distinction between specification & architecture.
8. Compare & Contrast Top down & bottom up design.