

About the course **Embedded Systems ES**

An embedded system can be thought of as a computer hardware system having software embedded in it. An embedded system can be an independent system or it can be a part of a large system. An embedded system is a microcontroller or microprocessor based system which is designed to perform a specific task.

Technology Category's Courses

Course Lesson(35)

Lesson 1 : [Embedded Systems tutorial for beginners | Lec 1 | Bhanu priya](#)

Lesson 2 : [Building blocks| Embedded Systems | Lec 2 | Bhanu priya](#)

Lesson 3 : [Applications of embedded systems| Embedded Systems | Lec 3 | Bhanu priya](#)

Lesson 4 : [Characteristics of Embedded systems | Embedded Systems | Lec 4 | Bhanu priya](#)

Lesson 5 : [Harvard and Von neumann architecture | Embedded Systems | Lec 5 | Bhanu priya](#)

Lesson 6 : [Simple programs of 8051 | Part 1 2 | Embedded Systems | Lec 6 | Bhanu priya](#)

Lesson 7 : [Simple Programs of 8051 | Part 2 2 | Embedded Systems | Lec 7 | Bhanu priya](#)

Lesson 8 : [ARM introduction | Embedded Systems | Lec 8 | Bhanu priya](#)

Lesson 9 : [ARM architecture | Embedded Systems | Lec 9 | Bhanu Priya](#)

Lesson 10 : [ARM register Organisation | Part 1 2 | Embedded Systems | Lec 10 | Bhanu priya](#)

Lesson 11 : [ARM register Organisation | Part 2 2 | Embedded Systems | Lec 11 | Bhanu priya](#)

Lesson 12 : [arm modes of operation | Embedded systems | by bhanu priya](#)

Lesson 13 : [ARM register Set | Embedded Systems | Lec 13 | Bhanu priya](#)

Lesson 14 : [Thumb Architecture ARM | Embedded Systems | Lec 14 | Bhanu priya](#)

Lesson 15 : [Thumb instruction set in ARM | Embedded Systems | Lec 15 | Bhanu priya](#)

Lesson 16 : [AMBA | Architecture Its types | Embedded Systems | Lec 16 | Bhanu priya](#)

Lesson 17 : [AMBA AHB | Components | Embedded Systems | Lec 17 | Bhanu priya](#)

Lesson 18 : [AMBA APB | Embedded Systems | Lec 18 | Bhanu priya](#)

Lesson 19 : [Embedded Software in a system | Embedded Systems | Lec 19 | Bhanu priya](#)

Lesson 20 : [Embedded and Standard OS | Differences | Embedded Systems | Lec 20 | Bhanu priya](#)

Lesson 21 : [Real time Systems | Hard Soft | Embedded Systems | Lec 21 | Bhanu priya](#)

Lesson 22 :

[Hard and Soft Realtime system | Characteristics | Embedded Systems | Lec 22 | Bhanu priya](#)

Lesson 23 : [Real time application | Example | Embedded Systems | Lec 23 | Bhanu priya](#)

Lesson 24 : [Startup code | Embedded Systems | Lec 24 | Bhanu priya](#)

Lesson 25 : [Software Quality Measurements | Embedded Systems | Lec 25 | Bhanu priya](#)

Lesson 26 : [Embedded software Design | Embedded Systems | Lec 26 | Bhanu priya](#)

Lesson 27 : [Embedded Software Compilation | Embedded Systems | Lec 27 | Bhanu priya](#)

Lesson 28 : [Compilation phase | Various Phases | Embedded Systems | Lec 28 | Bhanu priya](#)

Lesson 29 : [Designing compiler | Challenges | Embedded Systems | Lec 29 | Bhanu priya](#)

Lesson 30 : [Context switching | Embedded Systems | Lec 30 | Bhanu priya](#)

Lesson 31 : [Real time scheduling | Embedded Systems | Bhanu priya](#)

Lesson 32 : [What is kernel | Embedded Systems | Lec 32 | Bhanu priya](#)

Lesson 33 : [Linux architecture | Part 1 2 | Embedded Systems | Lec 33 | Bhanu priya](#)

Lesson 34 : [Linux architecture | Part 2 2 | Embedded Systems | Lec 34 | Bhanu priya](#)

Lesson 35 : [Real times linux | Embedded Systems | Lec 35 | Bhanu priya](#)

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