

# ETCS204-COMPUTER ORGANIZATION AND ARCHITECTURE

Semester - 4

Notes



## UNIT - 3 Syllabus

Control Design: Instruction sequencing & interpretation, Hardwired & Micro Programmed (Control Unit), Microprogrammed computers, Microcoded CPU: Pentium processor. Specifying a CPU, Design & implementation of simple CPU, General Register Organization, Stack Organization, Instruction Formats, Addressing Modes, Internal architecture of 8085 microprocessor.

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