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## **Link for Video base Teaching (Advanced Computer Architecture)**

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- Introduction to Computer Architecture

<http://nptel.ac.in/courses/106102062/1>

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- History of Computers

<http://nptel.ac.in/courses/106102062/2>

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- Instruction Set Architecture

<http://nptel.ac.in/courses/106102062/3>

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- Pipelined Processor Design Basic Idea

<http://nptel.ac.in/courses/106102062/24>

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- Memory Hierarchy : Cache Organization

<http://nptel.ac.in/courses/106102062/29>

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- Memory Hierarchy : Virtual Memory

<http://nptel.ac.in/courses/106102062/31>

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- Input / Output Subsystem: Interfaces and buses

<http://nptel.ac.in/courses/106102062/35>

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- Input / Output Subsystem: I/O Operations

<http://nptel.ac.in/courses/106102062/36>

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- Input / Output Subsystem: Designing I/O Systems

<http://nptel.ac.in/courses/106102062/37>