

VTU CO (18CS34) M1 L7 SPEC RATING AND ITS SIGNIFICANCES, PROBLEMS	https://youtu.be/Z_5rG8G0004
COMPUTER ORGANIZATION VIDEO LINKS	
VTU CO 18CS34 M1 L1 BASIC STRUCTURE OF COMPUTERS	https://youtu.be/KtRxtlQvjIs
VTU CO 18CS34 M1 L2 BASIC OPERATIONAL CONCEPTS	https://youtu.be/HtsEDjeVAus
VTU CO 18CS34 M1 L3 BUS STRUCTURE	https://youtu.be/36H-HFI1WFW
VTU CO (18CS34) M1 L4 PERFORMANCE CONCEPTS	https://youtu.be/RruQKw_Twt4
VTU CO 18CS34 M1 L5 MACHINE INSTRUCTIONS AND PROGRAMS	https://youtu.be/bUpfv4It4Ss
VTU CO (18CS34) M1 L6 ADDRESSING MODES	https://youtu.be/5nsdBACaLrc
VTU CO 18CS34 M1 L10 PARAMETER PASSING, LOGIC INSTRUCTIONS, ENCODING OF MACHINE INSTRUCTIONS	https://youtu.be/L_m4UoEnAsI
VTU CO 18CS34 M1 L12 SHIFT AND ROTATE OPERATIONS	https://youtu.be/nBKd8oOtMUA
VTU CO 18CS34 M1 L13 STACK QUEUE, SUBROUTINE	https://youtu.be/DXGirNebIEc
VTU CO 18CS34 M1 L11 ASSEMBLER DIRECTIVES Basic input and output operations	https://youtu.be/qOC0yufjbZA
VTU CO 18CS34 M2 L1 INPUT OUTPUT ORGANIZATIONS	https://youtu.be/pGFu_k-1OV4
VTU CO 18CS34 M2 L2 INTERRUPT HARDWARE HANDLING MULTIPLE DEVICES	https://youtu.be/zxlpYvBig
VTU CO 18CS34 M2 L3 DIRECT MEMORY ACCESS, BUS ARBITRATION	https://youtu.be/Grtv6osxB3A
VTU CO 18CS34 M2 L4 SYNCHRONOUS AND ASYNCHRONOUS BUS	https://youtu.be/PwdNDL0NYok
VTU CO 18CS34 M2 L5 INTERFACE CIRCUITS	https://youtu.be/aqEDPwBLiE
VTU CO 18CS34 M2 L6 STANDARD IO INTERFACE, PCI, SCSI	https://youtu.be/mB4Th7UW6MA
VTU CO 18CS34 M2 L7 USB	https://youtu.be/vS8XzzfQIfU
VTU CO 18CS34 M3 L1 MEMORY SYSTEM, STATIC RAM, PROCESSOR TO MEMORY INTERFACE	https://youtu.be/l3xYj1BJR0M

VTU CO 18CS34 M3 L2 STATIC MEMORIES ASYNCHRONOUS DRAM, Dynamic memory cell	https://youtu.be/fOB56gpzJ9o
VTU CO 18CS34 M3 L3 STATIC MEMORIES ASYNCHRONOUS DRAM, Dynamic memory cell	https://youtu.be/rS70JfICgHw
VTU CO 18CS34 M3 L4 PERFORMANCE MEASURES ,SPEED SIZE COST,MAPPING FUNCTION	https://youtu.be/nIrCVXb0LmE
VTU CO 18CS34 M3 L5 MAPPING FUNCTIONS	https://youtu.be/LDEtep1bOuk
VTU CO 18CS34 M3 L6 REPLACEMENT ALGORITHM 2	https://youtu.be/cUEDQGkrz1k
VTU CO 18CS34 M3 L7 PERFORMANCE MEASURES, REPLACEMENT ALGORITHM	https://youtu.be/ivnq5Ns57kw
VTU CO 18CS34 M2 L8 ACCESSING OF INPUT OUTPUT DEVICES	https://youtu.be/cRCT76J75dk
VTU CO 18CS34 M3 L8 VIRTUAL MEMORY	https://youtu.be/4jpIS9LdLGY
VTU CO 18CS34 M2 L9INTERRUPT HARDWARE ENABLING DISABLING INTERRUPTS, HANDLING MULTIPLE DEVICES	https://youtu.be/awdZsMPXIQk
VTU CO 18CS34 M2 L10 DRECT MEMORY ACCESS DMA	https://youtu.be/IfVyz4-_E5o
VTU CO 18CS34 M4 L1 NUMBERS, ARITHMETIC OPERATIONS AND CHARACTERS	https://youtu.be/EJ0D8cqbf34
VTU CO 18CS34 M4 L2 ADDITION & SUBTRACTION OF SIGNED NUMBERS , n BIT RIPPLE CARRY ADDER	https://youtu.be/_tq-YQt5f2A
VTU CO 18CS34 M4 L3 MULTIPLICATION OF POSITIVE NUMBERS,SEQUENTIAL MULTIPLICATION	https://youtu.be/Hs-V6tyksD8
VTU CO 18CS34 M4 L4 SIGNED OPERAND MULTIPLICATION BOOTH ALGORITHM	https://youtu.be/aQVoD1o3W2Y
VTU CO 18CS34 M4 L5 EXAMPLES FOR BOOTH ALGORITHM	https://youtu.be/cmvrs636ajU
VTU CO 18CS34 M4 L6 SEQUENTIAL ALGORITHM, BOOTH ALGORITHM	https://youtu.be/Aa7oVgfEOqI
VTU CO 18CS34 M5 L1 BASIC PROCESSING UNIT,SINGLE BUS ORGANIZATION	https://youtu.be/sWkSSQ1rJdo
VTU CO 18CS34 M5 L2 CONTROL SIGNALS OF MDR,FETCHING A WORD FROM MEMORY,THREE BUS STRUCTURE	https://youtu.be/jZdJ-Bqi-ss

<u>VTU CO 18CS34 M5 L3 ORGANIZATION OF HARDWIRED CONTROL MICROPROGRAMMED CONTROL</u>	https://youtu.be/jfhjOgiepro
<u>VTU CO 18CS34 M5 L4 PIPELINING CONCEPTS</u>	https://youtu.be/OZ-dmPKnTWc
<u>VTU CO 18CS34 M5 L5 PIPELINE PERFORMANCE DATA HAZARDS</u>	https://youtu.be/T_e5W_nVw0E
<u>VTU CO 18CS34 M4 L7 FAST MULTIPLICATION METHOD BIT PAIR RECODING METHOD</u>	https://youtu.be/I0SYnZPdGzk
<u>VTU CO 18CS34 M4 L8 BIT PAIR RECODING MULTIPLICATION,FAST MULTIPLICATION</u>	https://youtu.be/UuJYXsjV56o
<u>VTU CO 18CS34 M4 L9 INTEGER DIVISION</u>	https://youtu.be/vGrHD87_tRc
<u>VTU CO 18CS34 M5 L6 Instruction Hazards,Unconditional Branches,Instruction Queue and Prefetching</u>	https://youtu.be/nGQrV06L7FU
<u>VTU CO 18CS34 M5 L7 Influence on Instruction Sets,Addressing Modes,Complex Addressing Mode,Datapath</u>	https://youtu.be/OeNJ7Gx_I7w