

Lesson Plan

Name of Faculty: Sonia Jassal

Class: BCA II

Subject : Computer Architecture

Web Link for Content: <https://youtube.com/channel/UCu9UgviOkMo2IRy-PXpOkgw>

Dates (Week)	Content Covered	Mode of Lecture Delievery
17.8.20 – 22.8.20	<ul style="list-style-type: none">• Basic Computer Organization and Design• Instruction Codes	Google Classroom for sharing material and Google Meet and Zoom for online class
24.08.20-29.08.20	<ul style="list-style-type: none">• Addressing Modes• Computer registers• Computer Instructions	Google Classroom for sharing material and Google Meet for online class
31.08.20-5.9.20	<ul style="list-style-type: none">• Timing and Control• Instruction Cycle• Input-Output instructions	Google Classroom for sharing material and Google Meet for online class
7.9.20-12.9.20	<ul style="list-style-type: none">• Interrupt• Design of Basic computer	Google Classroom for sharing material and Google Meet for online class
14.9.20-19.9.20	<ul style="list-style-type: none">• Design of accumulator logic• Register Transfer and Micro operations	Google Classroom for sharing material and Google Meet for online class
21.9.20-26.9.20	<ul style="list-style-type: none">• Memory reference instructions	Google Classroom for sharing material and Google Meet for online class
28.9.20-3.10.20	<ul style="list-style-type: none">• Register Transfer Language (RTL)• Register transfer	Google Classroom for sharing material and Google Meet for online class
5.10.20-10.10.20	<ul style="list-style-type: none">• Bus and Memory Transfers• Arithmetic Micro operations• Logic Micro operations	Google Classroom for sharing material and Google Meet for online class
12.10.20 -17.10.20	<ul style="list-style-type: none">• Shift Micro operations	Google Classroom for sharing material and Google Meet for

	<ul style="list-style-type: none"> • Arithmetic Logic Shift Unit • Micro programmed Control 	online class
19.10.20-24.10.20	<ul style="list-style-type: none"> • Control memory • Address sequencing 	Google Classroom for sharing material and Google Meet for online class
26.10.20-31.10.20	<ul style="list-style-type: none"> • Micro program sequencer • Design of Control Unit 	Google Classroom for sharing material and Google Meet for online class
2.11.20-7.11.20	<ul style="list-style-type: none"> • Central Processing Unit • General registers Organization 	Google Classroom for sharing material and Google Meet for online class
9.11.20-14.11.20	<ul style="list-style-type: none"> • Stack Organization • Instruction formats • Data Transfer and Manipulation 	Google Classroom for sharing material and Google Meet for online class
16.11.20-21.11.20	<ul style="list-style-type: none"> • Program Control • Program Interrupt • RISC • CISC 	Google Classroom for sharing material and Google Meet for online class
23.11.20-28.11.20	<ul style="list-style-type: none"> • Memory Organization: Memory hierarchy • Auxiliary Memory, • Associative Memory • Interleaved memory • Cache memory • Virtual Memory 	Google Classroom for sharing material and Google Meet for online class
30.11.20-5.12.20	<ul style="list-style-type: none"> • Memory Management Hardware • Input Output Organization • Peripheral devices • Input-Output Interface 	Google Classroom for sharing material and Google Meet for online class
7.12.20-12.12.20	<ul style="list-style-type: none"> • Asynchronous data transfer • Modes of Transfer 	Google Classroom for sharing material and Google Meet for online class
14.12.20-19.12.20	<ul style="list-style-type: none"> • Priority Interrupt • Direct Memory Access(DMA) • Input-Output Processor(IOP) 	Google Classroom for sharing material and Google Meet for online class

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