

Details of E-Contents Prepared for Online Classes

Department of Information Technology

Sr. No.	Name of Faculty	Name of Subject	Topic Name	Sub Topic Name	Types of E-Content	Course Name	Year of Course	Link if Uploaded Anywhere
1.	Ashok Kumar Yadav	Computer Organization ECS-401	Unit -1 Error detection and correction codes	-----	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
2.	Ashok Kumar Yadav	Computer Organization ECS-401	Unit 2 Central processing Unit	Carry Lookahead Adder	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
3.	Ashok Kumar Yadav	Computer Organization ECS-401	Unit 3 Control unit	Micro-programmed Control Unit	PDF and PPT/Word	B.Tech. 2 nd yr IT	2019-20	Shared via Gmail and Google Classroom https://classroom.google.com/c/NTg0MTI2NzUyNDBa
				Hardwired Control Unit	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via Gmail and Google Classroom
				Microprogramme sequencing, wide branch addressing	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via Gmail and Google Classroom https://classroom.google.com/c/NTg0MTI2NzUyNDBa
				Microinstruction with Next address field, pre-fetching microinstructions	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
				concept of horizontal and vertical microprogramming.	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
				Execution of a Complete Instruction	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
4.	Ashok Kumar Yadav	Computer Organization ECS-401	Assignment Work	UNIT - 2 and UNIT - 3	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom https://classroom.google.com/c/NTg0MTI2NzUyNDBa

5.	Ashok Kumar Yadav	Computer Organization ECS-401	Unit 5 Input/Output	I/O interface and I/O ports	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
			Unit 5 Interrupts	interrupt hardware, types of interrupts and exceptions	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
			Unit 5 Modes of Data Transfer	Programmed I/O, interrupt initiated I/O	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
				Direct Aemory Access	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
			Unit 5 Serial Communication	Synchronous & asynchronous communication, standard communication interfaces.	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
6.	Ashok Kumar Yadav	Computer Organization ECS-401	Assignment Work	UNIT - 5	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom
7.	Ashok Kumar Yadav	Computer Organization ECS-401	Unit 4 Memory	Basic concept of Memory and its hierarchy	PDF	B.Tech. 2 nd yr IT	2019-20	Shared via whatsapp, group, Gmail and Google Classroom

REFERENCE BOOKS:

1. COMPUTER SYSTEM ARCHITECTURE, MORRIS M. MANO, 3RD EDITION, PRENTICE HALL INDIA.
2. WILLIAM STALLING, "COMPUTER ORGANIZATION", PHI