BHARATI VIDYAPEETH'S
INSTITUTE OF COMPUTER APPLICATIONS & MANAGEMENT (BVICAM)
(Affiliated to Guru Gobind Singh Indraprastha University, Approved by AICTE, New Delhi)
A-4, Paschim Vihar, Rohtak Road, New Delhi-110063, Visit us at: http://www.bvicam.in/

Course Code: MCA-101 Course Name: Fundamentals of IT

Suggested Further Readings (Beyond Book)

S. No	Unit	Topic	Book / Resource
1.	Unit I	Types of Registers	***Book:*** Mano M, "Computer System and Architecture", PHI.
2.	Unit I	Addressing modes and Instruction Cycle	***Book:*** Mano M, "Computer System and Architecture", PHI. ***URL:*** https://www.studytonight.com/computer-architecture/addressingmodes-instructioncycle
3.	Unit II	Spiral model and its features	***Book:*** R. S. Pressman, "Software Engineering – A Practitioner's Approach", McGraw Hill Int. ***URLs:*** https://www.geeksforgeeks.org/software-engineering-spiral-model https://www.javatpoint.com/software-engineering-spiral-model
4.	Unit III	Types of System Calls, System Calls in Windows and Linux	***Book:*** Silbersachatz and Galvin, "Operating System Concepts", Pearson. ***URLs:*** https://www.tutorialspoint.com/system-calls-in-unix-and-windows https://www.tutorialspoint.com/different-types-of-system-calls
6.	Unit III	Memory management scheme - Segmentation	***Book:*** Silbersachatz and Galvin, "Operating System Concepts", Pearson. ***URL:*** https://www.geeksforgeeks.org/segmentation-in-operating-system/
7.	Unit III	Implementation of page table	***Book:*** Silbersachatz and Galvin, "Operating System Concepts", Pearson. ***URL:***

			https://www.inf.ed.ac.uk/teaching/courses/os/slides/10-paging16.pdf
8.	Unit IV	OSI model - layers and functionalities	***Book:*** Forouzan, "Data Communication and Networking", TMH, 4th Edition. A.S. Tanenbaum, "Computer Networks", PHI, 4th Edition.
9.	MOOC Course	Computer Fundamentals	Computer Fundamentals by By Prof. Sanjay Tanwan Duration: 12 weeks https://swayam.gov.in/nd2_cec19_cs06/preview