INTRODUCTION TO INFORMATION TECHNOLOGY

Semester	Subject Code	Category	Lecture Hrs		Theory Hrs		Practical		Credits
			Per week	Per Sem	Per week	Per Sem	Per week	Per Sem	
III	21NCS3A	Non Major Elective – 1	2	30	2	30			2

COURSE OBJECTIVE

This course develops the students to know the basic concept of hardware, software and networking in a computer system.

COURSE OUTCOME

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level (K1 – K4)
CO1	Learn the anatomy and history of Digital Computer	K1
CO2	Understands about storage and IO devices of computer	K2
CO3	Learn to use Microsoft Office Products	K3
CO4	Understand the usage of Multimedia	K2
CO5	Attain a wide knowledge regarding Internet and usage of World Wide Web.	K3

Knowledge Level – K1 – Remember, K2 – Understand, K3 – Apply, K4 – Analyze

MAPPING WITH PROGRAMME OUTCOME

COS	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	S	S	M	S	S
CO2	S	S	S	S	S	M
CO3	S	M	S	M	M	S
CO4	S	S	S	S	S	M
CO5	L	S	M	S	S	S

S – Strong   M – Medium   L – Low

UNIT I – BASICS OF COMPUTER   **6 Hours**

Introduction: History of Computer - Parts of Computer System - Hardware Devices -

Software – Anatomy of Digital Computer.

UNIT-II – PARTS OF COMPUTER   **6 Hours**

Memory Units – Storage Devices- Input Devices-Output Devices-Number System.

UNIT-III – MS-OFFICE   **7 Hours**

Microsoft Word - Microsoft Excel - Microsoft PowerPoint-MS-Access.

UNIT-IV – WORKING WITH MULTIMEDIA   **5 Hours**

Introduction to Multimedia - Images - Sound -Video – Text- Text Generation- Multimedia

Applications.

UNIT-V – INTERNET AND WORLD WIDE WEB   **6 Hours**

Introduction to Internet and World Wide Web- E-Mail Basics – Computer Networks.

Distribution of Marks: Theory: 75% and Applications:25%
TEXT BOOKS

S.No	Authors	Title	Publishers	Year of Publication
1.	Alexis Leon	Fundamentals of Information Technology	Vikas Publication	2011

REFERENCE BOOKS

S.No	Authors	Title	Publishers	Year of Publication
1	S.Jain	MS OFFICE 2007 Training Guide	BPB Publications	2010
2	Paul Deital, Harvey Deital,Abbey Deital	Internet and World Wide Web	Pearson Education	2018
3	Gaurav Bhatnager,Shikha Mehta,Sugata Mitra	Introduction to Multimedia Systems	Academic Press	2010
4	Bittu Kumar	Microsoft Office 2010	V & S Publishers	2013
5	E.Balagurusamy	Fundamentals of Computers	McGraw Hill Edition	2010

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6	S.Gokul	Multimedia Magic	BPB	2011
7	Ron Mansfield	Working in Microsoft Office	Tata McGraw Hill	2007
8	Paul Whitehead	Internet and World Wide Web	Maran Graphics Publications	2000

WEB RESOURCES

1. http://www.just.edu.jo/~mqais/CIS99/PDF/Ch.01_Introduction_%20to_computers.pdf
2. https://www.lamission.edu/learningcenter/docs/LRC%20Microsoft%20Office_Word%202007%20 Workshop.pdf
3. https://www.tutorialspoint.com/basics_of_computer_science/basics_of_computer_science_multimed ia.htm

TEACHING METHODOLOGY

- Class room teaching.
- Group discussions
- Seminars
- Demo using systems
- Chart/Assignment
- Simulation Model
- Smart Class room

SYLLABUS DESIGNERS

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