TIKA RAM GIRLS COLLEGE SONEPAT

Lesson Plan Format

NAME OF ASSISTANT/ASSOCIATE PROFESSOR .... Sonia ....

CLASS AND SECTION .... B.C.A 2nd year ....

SUBJECT .... Computer Graphics ....

WEEK 1	DESCRIPTION
5-1-26	INTRODUCTION TO COMPUTER GRAPHICS
6-1-26	''
7-1-26	OVERVIEW OF COMPUTER GRAPHICS AND ITS APPLICATIONS
8-1-26	''
9-1-26	''
10-1-26	''
WEEK 2	
12-1-26	APPLICATION AREAS e.g ENTERTAINMENT
13-1-26	''
14-1-26	''
15-1-26	Scientific VISUALIZATION
16-1-26	''
17-1-26	''
WEEK 3	
19-1-26	BASICS OF RASTER AND VECTOR GRAPHICS
20-1-26	''
21-1-26	''
22-1-26	REPRESENTATION AND STORAGE FORMATS
24-1-26	''
WEEK 4	
27-1-26	Graphics pipeline and Rendering process
28-1-26	''
29-1-26	''
30-1-26	''
31-1-26	''
WEEK 5	
2-2-26	Graphics primitives: Coordinate System
3-2-26	''
4-2-26	''
5-2-26	''
6-2-26	''
7-2-26	''
WEEK 6	

9-2-26	2-D Graphics Programming
10-2-26	"
11-2-26	"
13-2-26	"
14-2-26	"

WEEK 7

16-2-26	Line drawing algorithms
17-2-26	"
18-2-26	"
19-2-26	"
20-2-26	"
21-2-26	"

WEEK 8

23-2-26	Circle drawing algorithms
24-2-26	"
25-2-26	"
26-2-26	Bresenham's circle drawing algorithms
27-2-26	"
28-2-26	"

WEEK 9

9-3-26	2-D Transformation
10-3-26	"
11-3-26	"
12-3-26	"
13-3-26	Scaling in 2D space
14-3-26	"

WEEK 10

16-3-26	Mirror reflection, basic and advance -
17-3-26	problem involving composite operations
18-3-26	"
19-3-26	"
20-3-26	"
21-3-26	"

WEEK 11

24-3-26	Clippling techniques: Mathematics of point
25-3-26	"
27-3-26	"
28-3-26	"

WEEK 12

30-3-26	polygon clipping
31-3-26	"
1-4-26	"
2-4-26	Sutherland - Hodgman polygon clipping
3-4-26	"

Date	Topic
4-4-26	"
WEEK 13	
6-4-26	Revision of Unit I
7-4-26	"
8-4-26	3-D Graphics programming
9-4-26	"
10-4-26	"
11-4-26	"
WEEK 14	
13-4-26	Revision of Unit - II
15-4-26	"
16-4-26	
17-4-26	projection techniques
18-4-26	"
WEEK 15	
20-4-26	"
21-4-26	Revision of Unit - III
22-4-26	"
23-4-26	Lighting and shading models
24-4-26	"
25-4-26	"
WEEK 16	
27-4-26	"
28-4-26	Hidden surface removal algorithms
29-4-26	"
30-4-26	"
1-5-26	"
2-5-26	"
WEEK 17	
4-5-26	Texture mapping and image rendering
5-5-26	"
6-5-26	Revision of Unit - IV

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NAME OF ASSISTANT/ASSOCIATE PROFESSOR .... SONIA ....

CLASS AND SECTION .... B.C.A 2nd year ....

SUBJECT .... COMPUTER SYSTEM ARCHITECTURE

WEEK 1	DESCRIPTION
5-1-26	BASIC COMPUTER CONCEPTS : COMPUTER TYPES
6-1-26	''
7-1-26	''
8-1-26	FUNCTIONAL UNITS
9-1-26	''
10-1-26	''
WEEK 2	
12-1-26	BASIC ORGANIZATIONAL CONCEPTS
13-1-26	''
14-1-26	''
15-1-26	''
16-1-26	''
17-1-26	''
WEEK 3	
19-1-26	DATA REPRESENTATION : NUMBER SYSTEM
20-1-26	''
21-1-26	FIXED AND FLOATING POINT REPRESENTATION
22-1-26	''
24-1-26	''
WEEK 4	
27-1-26	REGISTER TRANSFER AND MICROOPERTIONS :
28-1-26	''
29-1-26	''
30-1-26	''
31-1-26	''
WEEK 5	
2-2-26	Revision of UNIT - I
3-2-26	''
4-2-26	BASIC COMPUTER DESIGN : INTRODUCTION CODES
5-2-26	''
6-2-26	''
7-2-26	''
WEEK 6	

Date	Topic
9-2-26	COMMON BUS SYSTEM ARCHITECTURE
10-2-26	"
11-2-26	"
13-2-26	"
14-2-26	"

WEEK 7

Date	Topic
16-2-26	COMPUTER INSTRUCTIONS: INSTRUCTION SET AND CYCLE
17-2-26	"
18-2-26	"
19-2-26	"
20-2-26	"
21-2-26	"

WEEK 8

Date	Topic
23-2-26	TYPES OF INSTRUCTION:
24-2-26	"
25-2-26	"
26-2-26	"
27-2-26	"
28-2-26	"

WEEK 9

Date	Topic
9-3-26	INTERRUPTS: CLASSIFICATIONS OF INTERRUPTS
10-3-26	"
11-3-26	"
12-3-26	"
13-3-26	"
14-3-26	"

WEEK 10

Date	Topic
16-3-26	Revision of Unit - II
17-3-26	"
18-3-26	"
19-3-26	CENTRAL PROCESSING UNIT: INTRODUCTION
20-3-26	"
21-3-26	"

WEEK 11

Date	Topic
24-3-26	GENERAL REGISTER ORGANIZATION
25-3-26	"
27-3-26	"
28-3-26	"

WEEK 12

Date	Topic
30-3-26	INSTRUCTION FORMATS: Two Address, One Address architecture
31-3-26	"
1-4-26	"
2-4-26	"
3-4-26	"

Date	Topic
4-4-26	"

WEEK 13

Date	Topic
6-4-26	DATA TRANSFER AND MANIPULATION: ADDRESSING MODES
7-4-26	"
8-4-26	"
9-4-26	"
10-4-26	"
11-4-26	"

WEEK 14

Date	Topic
13-4-26	RISC AND CISC (COMPLEX INSTRUCTION SET COMPUTER)
15-4-26	"
16-4-26	"
17-4-26	"
18-4-26	Revision of UNIT - III

WEEK 15

Date	Topic
20-4-26	MEMORY ORGANIZATION: MEMORY HIERARCHY
21-4-26	"
22-4-26	MEMORY TECHNOLOGIES AND CHARACTERISTICS
23-4-26	"
24-4-26	"
25-4-26	"

WEEK 16

Date	Topic
27-4-26	INPUT - OUTPUT ORGANIZATION:
28-4-26	"
29-4-26	"
30-4-26	"
1-5-26	DATA TRANSFER MODES
2-5-26	"

WEEK 17

Date	Topic
4-5-26	REVISION OF UNIT - IV
5-5-26	"
6-5-26	"

4-4-26	,,

WEEK 13

6-4-26	DATA TRANSFER AND MANIPULATION: ADDRESSING MODES
7-4-26	,,
8-4-26	,,
9-4-26	,,
10-4-26	,,
11-4-26	,,

WEEK 14

13-4-26	RISC AND CISC (COMPLEX INSTRUCTION SET COMPUTER)
15-4-26	,,
16-4-26	,,
17-4-26	,,
18-4-26	Revision of UNIT – III

WEEK 15

20-4-26	MEMORY ORGANIZATION: MEMORY HIERARCHY
21-4-26	,,
22-4-26	MEMORY TECHNOLOGIES AND CHARACTERISTICS
23-4-26	,,
24-4-26	,,
25-4-26	,,

WEEK 16

27-4-26	INPUT – OUTPUT ORGANIZATION:
28-4-26	,,
29-4-26	,,
30-4-26	,,
1-5-26	DATA TRANSFER MODES
2-5-26	,,

WEEK 17

4-5-26	REVISION OF UNIT – IV
5-5-26	,,
6-5-26	,,

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NAME OF ASSISTANT/ASSOCIATE PROFESSOR .... Reena ....

CLASS AND SECTION .... ~~Networking~~ Bcom 3rd year

SUBJECT .... Data Comm & Networking.

WEEK 1	DESCRIPTION
5-1-26	
6-1-26	
7-1-26	
8-1-26	overview of computer Network
9-1-26	Defination and objective
10-1-26	"
WEEK 2	
12-1-26	
13-1-26	
14-1-26	
15-1-26	Network Models
16-1-26	OSI
17-1-26	TCP models.
WEEK 3	
19-1-26	
20-1-26	
21-1-26	Network Topologies.
22-1-26	"
24-1-26	"
WEEK 4	
27-1-26	
28-1-26	
29-1-26	Data transmission
30-1-26	"
31-1-26	Transmission modes.
WEEK 5	
2-2-26	
3-2-26	
4-2-26	
5-2-26	Networking Devices
6-2-26	"
7-2-26	Data link layer
WEEK 6	

Date	Topic
9-2-26	
10-2-26	
11-2-26	Framing
13-2-26	Flow Control Mechanism.
14-2-26	Ethernet
WEEK 7	
16-2-26	
17-2-26	
18-2-26	
19-2-26	Network Protocols
20-2-26	"
21-2-26	ARP
WEEK 8	
23-2-26	
24-2-26	
25-2-26	
26-2-26	Virtual lans.
27-2-26	Network layer
28-2-26	"
WEEK 9	
9-3-26	
10-3-26	
11-3-26	
12-3-26	Transport layer
13-3-26	TCP, UDP
14-3-26	TCP, UDP
WEEK 10	
16-3-26	
17-3-26	
18-3-26	
19-3-26	Congcation Control Algorithm
20-3-26	"
21-3-26	Quality of service
WEEK 11	

Date	Topic
24-3-26	
25-3-26	
27-3-26	Network Security
28-3-26	"
WEEK 12	
30-3-26	
31-3-26	
1-4-26	HTTP, FTP
2-4-26	SMTP, POP3
3-4-26	IMAP

Date	Topic
4-4-26	DNS
WEEK 13	
6-4-26	
7-4-26	
8-4-26	
9-4-26	Network Applications
10-4-26	SDN , NFU
11-4-26	IOT
WEEK 14	
13-4-26	
15-4-26	
16-4-26	
17-4-26	Network management
18-4-26	SNMP
WEEK 15	
20-4-26	
21-4-26	
22-4-26	
23-4-26	5G and Beyond
24-4-26	N/w Automation
25-4-26	AI in networking.
WEEK 16	
27-4-26	
28-4-26	
29-4-26	
30-4-26	Network management Protocol
1-5-26	Network monitoring tools
2-5-26	''
WEEK 17	

Date	Topic
4-5-26	
5-5-26	
6-5-26	