

Lesson Plan (2019-2020)

Department- Computer Science

Lesson Plan- 17 weeks

Week	Date	BCA-III (BCA-363: Computer Graphics)
1	01.01.2020	Introduction to Computer Graphics; Interactive and Passive Graphics
	02.01.2020	Guru Gobind Singh Jayanti holiday
	03.01.2020	
	04.01.2020	
	05.01.2020	SUNDAY
2	06.01.2020	Applications of Computer Graphics; Display Devices: CRT
	07.01.2020	Random Scan, Raster Scan, Refresh Rate and Interlacing, Bit Planes,
	08.01.2020	Color Depth, Color Palette
	09.01.2020	
	10.01.2020	
	11.01.2020	
	12.01.2020	SUNDAY
3	13.01.2020	Color CRT Monitor, DVST, Flat-Panel Displays: Plasma Panel, LED, LCD
	14.01.2020	Revision
	15.01.2020	Lookup Table, Interactive Input Devices
	16.01.2020	
	17.01.2020	
	18.01.2020	
	19.01.2020	SUNDAY
4	20.01.2020	Display Processor, General Purpose Graphics Software, Coordinate Representations
	21.01.2020	Revision
	22.01.2020	Point-Plotting Techniques: Scan Conversion,
	23.01.2020	
	24.01.2020	
	25.01.2020	
	26.01.2020	SUNDAY
5	27.01.2020	Scan-Converting a Straight Line: The Symmetrical DDA, The Simple DDA
	28.01.2020	Bresenham's Line Algorithm.
	29.01.2020	Scan-Converting a Circle: Circle drawing using Polar Coordinates
	30.01.2020	Basant Panchmi
	31.01.2020	
	01.02.2020	
	02.02.2020	SUNDAY
6	03.02.2020	Bresenham's Circle Algorithm

	04.02.2020	Scan-Converting an Ellipse: Polynomial Method, Trigonometric Method
	05.02.2020	Polygon Area Filling: Scan-line Fill and Flood Fill Algorithms
	06.02.2020	
	07.02.2020	
	08.02.2020	
	09.02.2020	SUNDAY
7	10.02.2020	Revision
	11.02.2020	Two-Dimensional Graphics Transformation: Basic Transformations: Translation, Rotation, Scaling
	12.02.2020	Matrix Representations and Homogeneous Coordinates; Other Transformations: Reflection, Shearing
	13.02.2020	
	14.02.2020	
	15.02.2020	
	16.02.2020	SUNDAY
8	17.02.2020	Coordinate Transformations; Composite Transformations
	18.02.2020	Inverse Transformation; Affine Transformations; Raster Transformation.
	19.02.2020	Revision
	20.02.2020	
	21.02.2020	Maha Shivratri
	22.02.2020	
	23.02.2020	SUNDAY
9	24.02.2020	Two-Dimensional Viewing: Window and Viewport
	25.02.2020	Assignment
	26.02.2020	2-D Viewing Transformation
	27.02.2020	
	28.02.2020	
	29.02.2020	
	01.03.2020	SUNDAY
10	02.03.2020	Clipping: Point Clipping; Line Clipping: Cohen-Sutherland Line Clipping Algorithm
	03.03.2020	Sessional
	04.03.2020	Doubts
	05.03.2020	
	06.03.2020	
	07.03.2020	
	08.03.2020	SUNDAY
11	09.03.2020	HOLI VACATIONS
	10.03.2020	

	11.03.2020	
	12.03.2020	
	13.03.2020	
	14.03.2020	
	15.03.2020	SUNDAY
12	16.03.2020	Subdivision Line Clipping Algorithm; Polygon Clipping
	17.03.2020	Sessional
	18.03.2020	Sutherland-Hodgman Polygon Clipping Algorithm
	19.03.2020	
	20.03.2020	
	21.03.2020	
	22.03.2020	SUNDAY
	23.03.2020	Shaheedi diwas of Bhagat Singh
13	24.03.2020	Assignment-2
	25.03.2020	doubts
	26.03.2020	
	27.03.2020	
	28.03.2020	
14	29.03.2020	SUNDAY
	30.03.2020	Three-Dimensional Graphics: Three-Dimensional Display Methods
	31.03.2020	3-D Transformations: Translation, Rotation, Scaling; Composite Transformations
	01.04.2020	Revision
	02.04.2020	
	03.04.2020	
	04.04.2020	
	05.04.2020	SUNDAY
15	06.04.2020	MAHAVIR JAYANTI
	07.04.2020	
	08.04.2020	
	09.04.2020	
	10.04.2020	
	11.04.2020	
	12.04.2020	SUNDAY

16	13.04.2020	Revision of unit-1
	14.04.2020	Dr.BR.Amedkar Jayanti
	15.04.2020	Revision of unit-2
	16.04.2020	
	17.04.2020	
	18.04.2020	
	19.04.2020	SUNDAY
17	20.04.2020	Revision of unit-3
	21.04.2020	Revision of unit-4
	22.04.2020	doubts
	23.04.2020	
	24.04.2020	
	25.04.2020	Parshuram Jayanti
	26.04.2020	SUNDAY
	27.04.2020	Revision of Previous Years Question Papers
	28.04.2020	Revision of Previous Years Question Papers
	29.04.2020	Revision of Previous Years Question Papers
	30.04.2020	