

DAV CENTENARY COLLEGE FARIDABAD		
Summary of Lesson Plans of College Faculty		
Name of Asst/Associate Profes		Ms. Rajwinder(a), Ms. Vandana(B), Ms. Priya (c)
Class & Section:		BCA-5th Semester
Subject:		Computer Graphics
Academic Session 2023-2024 Odd Sem		
	Date	Topics to be covered
Week 1	7/21/2023	Introduction to computer graphics
	7/22/2023	Basics of Graphics systems
	7/23/2023	Sunday
	7/24/2023	Application areas of Computer Graphics
	7/25/2023	Contd.
	7/26/2023	overview of graphics systems
	7/27/2023	video-display devices
	7/28/2023	Contd.
	7/29/2023	raster-scan systems
WEEK 2	7/30/2023	Sunday
	7/31/2023	random scan systems
	1/8/2023	Contd.
	2/8/2023	graphics monitors and workstations and input devices
	3/8/2023	Contd.
	4/8/2023	Points and lines
	5/8/2023	Contd.
WEEK 3	6/8/2023	Sunday
	7/8/2023	line drawing algorithms
	8/8/2023	Contd.
	9/8/2023	mid-point circle and ellipse algorithms
	10/8/2023	Contd.
	11/8/2023	Contd.
	12/8/2023	Contd.
WEEK 4	8/13/2023	Sunday
	8/14/2023	Filled area primitives: Scan line polygon fill algorithm
	8/15/2023	Independence day
	8/16/2023	Contd.
	8/17/2023	boundary fill and floodfill algorithms
	8/18/2023	Contd.
	8/19/2023	Translation, scaling, rotation
WEEK 5	8/20/2023	Sunday
	8/21/2023	Contd.
	8/22/2023	reflection and shear transformations
	8/23/2023	Contd.
	8/24/2023	Contd.
	8/25/2023	Contd.
	8/26/2023	matrix representations and homogeneous coordinates,
WEEK 6	8/27/2023	Sunday
	8/28/2023	Contd.

	8/29/2023	composite transforms
	8/30/2023	Rakhi
	8/31/2023	Contd.
	1/9/2023	transformations between coordinate systems
	2/9/2023	Contd.
WEEK 7	3/9/2023	Sunday
	4/9/2023	The viewing pipeline
	5/9/2023	Contd.
	6/9/2023	Jananashtmi
	7/9/2023	viewing coordinate reference frame, window to viewport coordinate transformation
	8/9/2023	Contd.
	9/9/2023	viewing functions
WEEK 8	10/9/2023	Sunday
	11/9/2023	Cohen-Sutherland and Cyrus-beck line clipping algorithms
	12/9/2023	Contd.
	9/13/2023	Sutherland –Hodgeman polygon clipping algorithm.
	9/14/2023	Contd.
	9/15/2023	Contd.
	9/16/2023	Revision of Unit-1
WEEK 9	9/17/2023	Sunday
	9/18/2023	Contd.
	9/19/2023	Revision of Unit-2
	9/20/2023	Contd.
	9/21/2023	Doubt Session
	9/22/2023	Doubt Session
	9/23/2023	Saheedi Diwas (Haryana Heros Martyrdom Day)
WEEK 10	9/24/2023	Sunday
	9/25/2023	Polygon surfaces
	9/26/2023	quadric surfaces
	9/27/2023	Contd.
	9/28/2023	spline representation
	9/29/2023	Contd.
	9/30/2023	Hermite curve
WEEK 11	1/10/2023	Sunday
	2/10/2023	Gandhi Jayanti
	3/10/2023	Contd.
	4/10/2023	Bezier curve
	5/10/2023	Contd.
	06.10.2023	Hermite curve, Bezier curve and B-Spline curves
	07.10.2023	Bezier and B-Spline surfaces
WEEK 12	08.10.2023	Sunday
	09.10.2023	Contd.
	10.10.2023	Basic illumination models
	11.10.2023	Contd.
	12.10.2023	polygon-rendering methods.
	13.10.2023	Contd.

	14.10.2023	Revision of unit 3
WEEK 13	15.10.2023	Sunday
	16.10.2023	Contd.
	17.10.2023	Doubt Session
	18.10.2023	Internals examination
	19.10.2023	Internals examination
	20.10.2023	Internals examination
	21.10.2023	Internals examination
	22.10.2023	Sunday
WEEK 14	23.10.2023	Translation, rotation
	24.10.2023	Dusshera
	25.10.2023	Contd.
	26.10.2023	Contd.
	27.10.2023	scaling, reflection and shear transformations,
	28.10.2023	Contd.
WEEK 15	29.10.2023	Sunday
	30.10.2023	Test1
	31.10.2023	general projection transforms
	01.11.2023	Haryana Day
	02.11.2023	composite transformations.
	03.11.2023	Contd.
	04.11.2023	Viewing pipeline
WEEK 16	05.11.2023	Sunday
	06.11.2023	viewing coordinates
	07.11.2023	view volume
	08.11.2023	Contd.
	09.11.2023	clipping
	10.11.2023	Diwali Break
	11.11.2023	Diwali Break
WEEK 17	12.11.2023	Diwali Break
	13.11.2023	Diwali Break
	14.11.2023	Diwali Break
	15.11.2023	Diwali Break
	16.11.2023	Diwali Break
	17.11.2023	Contd.
	18.11.2023	Contd.
WEEK 18	19.11.2023	Sunday
	20.11.2023	REVISION
	21.11.2023	REVISION
	22.11.2023	TEST2
	23.11.2023	REVISION
	24.11.2023	REVISION
	25.11.2023	Examinations