

# SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION,  
AFFILIATED TO ANNA UNIVERSITY)

Rajiv Gandhi Salai (OMR), Kalavakkam - 603 110.

## LABORATORY RECORD

NAME : ..... SHIVCHARAN T .....  
Reg. No. : ..... 205001100 .....  
Dept. : ..... CSE ..... Sem. : ..... VII ..... Sec. : ..... B .....

**SRI SIVASUBRAMANIYA NADAR  
COLLEGE OF ENGINEERING, CHENNAI**  
(AN AUTONOMOUS INSTITUTION, AFFILIATED TO ANNA UNIVERSITY)

**BONAFIDE CERTIFICATE**

Certified that this is the bonafide record of the practical work done in the

UCS-1712 Graphics and Multimedia Laboratory by

Name ..... SHIVCHARAN T .....

Register Number ..... 205001100 .....

Semester ..... VII .....

Branch ..... CSE .....

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam.

During the Academic year ..... 2023 .....

Faculty

Prayan  
21/11/23

Head of the Department

[Signature]

Submitted for the End Semester Practical Examination held at SSNCE  
on.....

Internal Examiner

External Examiner

# INDEX

Name : SHIVCHARAN T Reg. No. 205001100

Sem : VII Sec : CSE-B

Ex. No.	Date of Expt.	Title of the Experiment	Page No.	Signature of the Faculty	Remarks
1	16/08/2023	Study of Basic Output Primitives	1		
2	30/08/2023	DDA Line Drawing Algorithm	15		
3	04/09/2023	Bresenham's Line Drawing Algorithm	26		
4	12/09/2023	Midpoint Circle Drawing Algorithm	36		
5	24/09/2023	2D Transformations	40		
6	29/09/2023	2D Composite Transformation & Windowing	53		
7	04/10/2023	Cohen Sutherland Line Clipping	60		
8	12/10/2023	3D Transformations	69		
9	19/10/2023	3D Projections	77		
10	04/11/2023	Creating a 3D Scene	85		
11	21/10/2023	Image Editing & Manipulation	91		
12	18/11/2023	Creating 2D Animations	93		
13	25/10/2023	Mini Project	97		