**DIP Assignments Final Programs**

1. Write a program to create an checkboard image.
2. Write a program to read and display the image.
3. Write a program for Otsu threshold.
4. Write a program to display the different images.
5. Write a program to extract the Hue and Value channels from Color image.
6. Write a program to modify the pixel values from the input image.
7. Write a program to perform the log transformation on the image.
8. Write a program to perform the Canny edge detection method.
9. Write a program to perform the gamma correction on the image.
10. Write a program to detect the highest pixel values from the input image.
11. Write a program to perform the Gaussian, median filter and total variation denoising from the input.
12. Write a program to perform filtering the image using a Sobel fiter.
13. Write a program to detect the edge of an image using edge kernel method
14. Write a program to perform morphological Dilation and Erosion
15. Write a program to perform morphological Opening and Closing
16. Write a program to perform morphological Tophat and Blackhat methods
17. Write a program to perform line detection using **Houghline Method.**
18. Write a program to perform the Harris corner detection method.
19. Write a program to perform Rotation of an image.
20. Write a program to perform Cropping the image.
21. Write a program to perform Resizing the image.
22. Write a program to perform Transposing of an image.
23. Write a program to perform creation of thumbnails of the image.
24. Write a program to perform Mean filtering.
25. Write a program to perform SVD(Singular Value Decomposition).

**HTML Final Programs**

1. Develop a HTML document to illustrate Six levels of headings.
2. Develop a HTML document showing an ordered list.
3. Develop a HTML document showing an unordered list.
4. Develop a HTML document showing an ordered and Unordered Nested list.
5. Develop a HTML document to illustrate definition list for terms HTML, CSS, and JAVASCRIPT using<dl> tag.
6. Develop a HTML document to illustrate text formatting tags:
7. Bold Text. b. Italic Text. c. Underlined Text.

d. Strike Text e. Superscript Text f. Subscript Text.

1. Develop a HTML table consisting information about students.
2. Develop a HTML table consisting information about Hospital.
3. Develop a HTML table consisting information about Company and illustrate alignment of contents within a table cell.
4. Develop a HTML table consisting information about Students and illustrate row span and column span attributes.
5. Develop a HTML table consisting information about Library and illustrate row span and column span attributes.
6. Develop a HTML table consisting information about Company and illustrate cell padding and cell spacing attributes.
7. Develop a HTML document to set the border colour, text colour, background colour.
8. Develop a HTML document to insert an image and align it to left, center, and right.
9. Develop a CSS based HTML document to set the style of an element’s border.
10. Develop a CSS based HTML document to perform word spacing and letter spacing.
11. Develop a CSS based HTML document to decorate the text within webpage using the CSS attributes Over line, Line-through and Underline.
12. Write a JAVASCRIPT program to calculate multiplication of three numbers.
13. Write a JAVASCRIPT program to find factorial of n number.
14. Write a JAVASCRIPT program to find sum of two numbers.
15. Write a JAVASCRIPT program to find the length of a given string.

**ARTIFICIAL INTELLIGENCE Programs**

1. To exprees the following information and check whether it is possible to play now:

“*If it is raining then the ground will be wet.*

*If the ground is wet then it is no possible to play.*

*It is raining now”*

1. To exprees the following information and check whether Jhon can marry Mary:

”*Mary Likes flowers. Jhon Likes wine. Jhon likes anyone who likes wine.*

*Mary likes anyone who likes flowers. Anyone who likes wine likes flowers. Those who like each other can marry”.*

1. To calculate the sum of first “n” natural numbers.
2. To simulate a medical diagnostic model, which diagnosis the child dieases.
3. To Login routine without using recursion.
4. To Login routine with recursion.

**SIMULATION Programs**

1. Generation of random observations from Uniform distribution.
2. Generation of random observations from Bernoulli distribution.
3. Generation of random observations from Binomial distribution.
4. Generation of random observations from Geometric distribution.
5. Generation of random observations from Poisson distribution.