Experiment – 1

Objective - To design a simple college website using HTML and CSS that displays college details, branches, notice board, academic calendar link, and contact information in a compact layout.

Theory - In this experiment, we created a basic college website using HTML and CSS. Various HTML tags and CSS properties were used to structure and style the webpage:

Important HTML Tags

- **Structure** → <html> <head> <title> <body>

- **Text** → <h1>...<h6>, <p>, <br>, <hr>, <em>, <strong>, <mark>

- **Links & Media** → <a>, <img>, <video>, <audio>, <iframe>

- **Forms** → <form>, <input>, <label>, <textarea>, <button>, <select>, <option>

- **Layout** → <div>, <span>, <header>, <footer>, <nav>, <section>, <article>, <aside>

Important CSS Properties

- Text & Font → color, font-size, font-family, text-align, font-weight

- Box Model → margin, padding, border, width, height

- Background → background-color, background-image, background-size

- Positioning → position (static, relative, absolute, fixed, sticky), top, left, right, bottom

- Flexbox → display: flex; justify-content; align-items; flex-direction

- Grid → display: grid; grid-template-columns; gap

- Others → border-radius, box-shadow, opacity, z-index