# EXPERIMENT NO.3

**Aim :** To include icons, images, fonts in Flutter app.

**Theory** :

In Flutter, you can enhance the visual appeal of your app by incorporating icons, images, and custom fonts. Here's a brief explanation of each element:

**Icons:**

Icons in Flutter are typically represented using the Icon widget. Flutter provides a wide range of built-in icons that you can use for common actions and elements.

The Icons class contains constants for many icons, and you can customize their appearance using properties like size, color, etc.

**Images:**

Flutter allows you to include images in your app using the Image widget. You can use different types of images, such as asset images, network images, or memory images.

The Image.asset widget is commonly used for displaying images stored in your app's assets.

**Fonts:**

Flutter supports the use of custom fonts to enhance the typography of your app. You can define custom fonts in the pubspec.yaml file and use them with the TextStyle property.

The TextStyle property includes options like fontFamily, fontSize, fontWeight, and fontStyle for controlling the appearance of text.

**Code** : 'main.dart'

```
import 'package:flutter/material.dart';
void main() {
  runApp(MyApp());
}
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
```

```
 return MaterialApp(
  title: 'Profile',
  theme: ThemeData(
   primarySwatch: Colors.blue,
  ),
  home: Scaffold(
   appBar: AppBar(
    title: Text('Profile'),
   ),
   body: Center(
    child: Column(
     mainAxisAlignment: MainAxisAlignment.center,
     children: [
      // Text with custom font
      Center(
       child: Text(
        'User',
        style: TextStyle(
         fontFamily: 'KodeMono',
         fontSize: 22.0,
         fontStyle: FontStyle.normal,
        ),
        textAlign: TextAlign.center,
       ),
      ),
      SizedBox(height: 5.0),
      Icon(
       Icons.verified_user_sharp,
       size: 20.0,
       color: const Color.fromARGB(255, 58, 57, 57),
```

```
    ),

    // Image
    Image.asset(
      'assets/sanika.jpg',
      width: 200.0,
      height: 200.0,
    ),
    SizedBox(height: 20.0),

    // Text below the image
    Text(
      ' Sanika Sanjeev Rane',
      style: TextStyle(
        fontSize: 18.0,
        fontWeight: FontWeight.bold,
      ),
    ),
    Text(
      'Class : D15B',
      style: TextStyle(
        fontSize: 18.0,
        fontWeight: FontWeight.bold,
      ),
    ),
    Text(
      'Roll No.: 57',
      style: TextStyle(
        fontSize: 18.0,
        fontWeight: FontWeight.bold,
```

```
          ),
         ),
         // Built-in Icon
       ],
      ),
     ),
    );
  }
}
```

'pubspec.yaml'

```
 assets:
  - assets/sanika.jpg
 fonts:
   - family: KodeMono
    fonts:
     - asset: assets/Fonts/static/KodeMono-Bold.ttf
       style: italic
```

**Output :**