# FACULTY OF ENGINEERING AND TECHNOLOGY

**Department of Computer Engineering** 01CE0610 - APP DEVLOPMENT USING FLUTTER

### Experiment - 4

Aim: Create an application using Flutter Key Widgets.

#### Code:

```
import 'package:flutter/material.dart';
void main() {
 runApp(MyApp());
class MyApp extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
  return MaterialApp(
   debugShowCheckedModeBanner: false,
   title: 'Flutter Row & Column Demo',
   home: HomeScreen(),
  );
class HomeScreen extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
  return Scaffold(
   appBar: AppBar(
    title: Text('Practical 4'),
    centerTitle: true,
   body: Padding(
    padding: const EdgeInsets.fromLTRB(35,50,35,20),
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.center,
      children: [
       // Row inside Column
        crossAxisAlignment: CrossAxisAlignment.center,
        mainAxisAlignment: MainAxisAlignment.spaceBetween,
         Icon(Icons.home, size: 40, color: Colors.blue),
         Text(
          'Home',
          style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold),
         ElevatedButton(
```

BATCH: C



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```
onPressed: () {
     Scaffold Messenger. {\it of} (context). show Snack Bar (
      SnackBar(content: Text('Button Pressed!')),
     );
    },
    child: Text('Click Me'),
    style: ElevatedButton.styleFrom(
     shape: RoundedRectangleBorder(
     borderRadius: BorderRadius.circular(12),
      // Adjust radius as needed
    foregroundColor: Colors.pinkAccent),
  ),
 ],
),
SizedBox(height: 20),
// Column inside Row
Row(
 children: [
  Container(
    color: Colors.greenAccent,
   padding: EdgeInsets.all(20.0),
    child: Column(
     children: [
      Icon(Icons.star, size: 30, color: Colors.yellow),
      Text('Star Icon'),
     ],
   ),
  SizedBox(width: 20),
  Container(
   color: Colors.yellowAccent,
   padding: EdgeInsets.all(20.0),
    child: Column(
     children: [
      Icon(Icons.favorite, size: 30, color: Colors.red),
      Text('Favorite Icon'),
SizedBox(height: 20),
// Another Row with spacing
```



## **FACULTY OF ENGINEERING AND TECHNOLOGY**

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mainAxisAlignment: MainAxisAlignment.spaceEvenly, children: [

Text('Left', style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold)),

Text('Center', style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold)),

Text('Right', style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold)),

],

Output:

