

**SSN COLLEGE OF ENGINEERING  
DEPARTMENT OF CSE**

**PROGRAMMING AND DATA STRUCTURES LABORATORY I  
(CS6212)**

**Ex. No. 4 C Programs using Files**

- 1) Write a program which accepts two file names as **command line arguments**, file1 and file2. Copy the contents of file1 to file2. If file1 already exists copy the contents to file2 otherwise display as no such file. If file2 already exists, ask the user whether to overwrite the existing contents or to append the contents.
- 2) Write a program that stores  $n$  persons' names with their mobile numbers in a text file, display the same and determine the mobile number of a specified person. Use *fscanf* and *fprintf* statements. Get the value of  $n$  as command line argument.
- 3) Create a database for storing  $n$  students' details, which include information like Stud\_id, Stud\_name, Stud\_DOB, Stud\_CGPA. Use *fread* and *fwrite* functions. Provide options to
  - (a) Append data to the file
  - (b) Read the data from the file and display its contents
  - (c) Display the size of the file
  - (d) Display  $m^{th}$  record