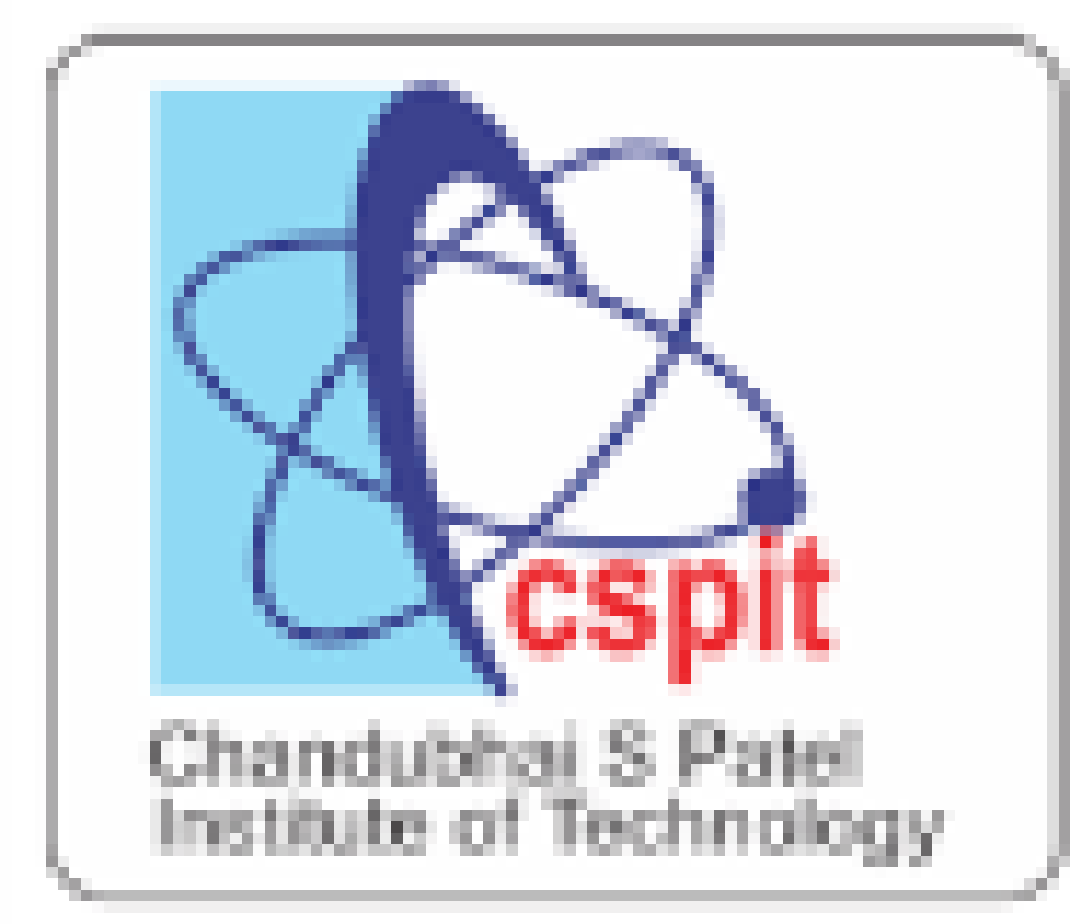
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**Faculty of Technology and Engineering**

**Computer Science and Engineering**

**Practical**

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| --- | --- | --- | --- | --- | --- |
| Academic Year | : | 2025-26 | Semester | : | 6 |
| Course code | : | CSE312 | Course name | : | Design of language processing |

**Practical - 1**

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| **1. Objective:**  To implement a program that validates a user-input string against the regular expression a\*bb. The program should determine whether the input string is valid or invalid based on the defined pattern.    **2. Program Code:**  include<iostream>  using namespace std;  int main() {      cout <<"23CS047- Debdoot Manna";      cout << "Enter string" << endl;      string input;      cin >> input;      int length = input.length();      for(int i = length - 1; i > length-3; i--) {          if(input[i] != 'b'){              cout<<"Invalid String"<<endl;              return 0;          }}      for(int i=0; i<length-3; i++) {          if(input[i] != 'a'){              cout<<"Invalid String"<<endl;              return 0;          }      }      cout<<"Valid String"<<endl;      return 0;  }  **3.Output:** |