

Heaven's Light is Our Guide
Rajshahi University of Engineering & Technology
Department of Computer Science & Engineering

Lab Manual

Course Code: **CSE 1204 (Sec A)**
Course Title: Sessional based on CSE 1203

Module 2 [Constructor,const & static]: (for Week 2)

Problem Statement: Use the following class Test with the data members and methods

```
class Test{
private:
    Data Member x;
    Data Member y;
    Data Member z;
public:
    //write methods

};
```

Now extend the program do the following

- i) Initialize private data members x and y to 0 when empty constructor is called
- ii) Initialize private data members x and y using parameterized constructor is called
- iii) Initialize private data members x and y from another object using copy constructor
- iv) The data member z keeps track of total objects created
- v) Write a method to initialize x and y
- vi) Write a method to display data member z only
- vii) Write a method to display x,y and z where their values can't be changed
- viii) Create five objects
- ix) Find the sum of x
- x) Find the object number whose y value is maximum