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

Lab Manual

Course Code: **CSE 1203 (Sec A)**
Course Title: Sessional based on CSE 1201
Instructor: Md. Shahid Uz Zaman
Dept of CSE, RUET

Topic 1: [Create BST]

i) Draw flowcharts to insert, search and delete a node in BST.

ii) Insert the nodes in the sequence 70, 35, 97, 88, 44, 32, 90, 15, 30, 60

iii) Display left-link (ll) address, data and right-link address for all the nodes

iv) Search nodes=32, 78, 90, 70 and 25. Display the number of searches required (depth)

v) Delete i) leaf node ii) node with only one child and iii) node with two child

vi) Write a menu program to do the above

```
***** Menu*******

   1.  Insert
   2.  Search
   3.  Delete
   4.  Display
   5.  Exit
       Enter your option:
```