 **Bharatiya Vidya Bhavan’s**

**SARDAR PATEL INSTITUTE OF TECHNOLOGY**

(Autonomous Institute Affiliated to University of Mumbai)

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COMPS Department

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| **Experiment** | 5 |
| **Aim** | **Tree data structures: Write a program to construct a binary search tree, insert an element in BST, delete an element from BST and traverse it.** |
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| **Class** | Div -A |
| **Batch** | C |
| **Date of Submission** | 1-10-24 |

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| **Theory** |  |
| **Algorithm** |  |
| **Problem Solving** |  |
| **Program(Code)** |  |
| **Output** |  |
| **Conclusion** | Thus we have implemented a binary search tree (BST) that allows for insertion, deletion, and traversal of elements. By adhering to the BST properties, our program ensures that each node maintains its left and right children according to their values. The traversal methods, including in-order, pre-order, and post-order, allows us to utilise the structure. |