

PR-1 DATA STRUCTURE LAB USING “C”

Total Periods	60	Maximum Marks	75 Marks
Lab. Periods:	4 Periods /week	Term Work/Sessional	25 Marks
Examination	3hours	End Semester Examination	50Marks

LIST OF PRACTICALS:-

1. Implementation of 1D & 2D Array
2. Implementation of Stack
3. Pointer and it's application.
4. Structure & Union
5. Implementation of insertion & deletion in Stack
6. Implementation of insertion & deletion in Queue
7. Implementation of insertion & deletion in Linked list
8. Implementation of Bubble sort
9. Implementation of Quick sort
10. Implementation of Binary tree traversal
11. Implementation of Linear search
12. Implementation of Binary search

Learning Resources:

SL.NO	Name of Authors:	Title of Book:	Name of Publisher:
1	T.R.Jagadesh	Computer lab referral for diploma students	Unv. S. Press
2	Gilburg,Forouzen	Data Structure A pseudo code approach with C	Cengage Learning
3	Reema Thareja	Data Structure using C	Oxford
4	Susanta Ku.Rout	Tips and Triks on Data Structure	Vikas