



# **SILIGURI INSTITUTE OF TECHNOLOGY**

**Department of Computer Science & Engineering**  
**Report on Industrial Training on Data Structure with C**

## **Training Details:**

### **Training on Data Structure with C**

**Resource Organization: ARDENT**

**Training Date: 17<sup>th</sup> August 2020 to 31<sup>st</sup> August 2020**

**Venue: ONLINE MODE**

**Student: 3<sup>rd</sup> Year CSE (6<sup>th</sup> Semester)**

**Students Enrolled: 96**

**Students Completed Successfully: 96**

**Pass Out Year: 2021**

**Feedback Analysis: Attached**

**Student List: Attached**

## **Introduction:**

Data Structures is a concept a means of storing a collection of data. Computer Science is a concern with study of methods for effectively using a computer to solve problems. These can be solved by algorithms and data structures. Data Structures tells you what way the data as to store in computer memory and how to access the data efficiently. Many Applications are designed by data structures stack applications like page visited history in a web-browser, chain of method calls in the Java virtual machine or C++ Run-time environment etc. Queue Application Like Waiting Lines, Multi-programming etc. For many applications the choice of proper data structure is the only major decision involving the implementation. Majorly the database designing and internal implementation is done only by using Data Structures techniques through C programming language.

## **Training Objective:**

This Course main objective for the student to understand Analysis and Designing of the Algorithms and how the different data structures are used for efficient accessing of the data and Manipulation of the data at the end of the session we can able to know different Kinds of data structures and we can able to provide different algorithms for time and space complexity.

## **TRAINING OUTCOME:**

After completed the training student will able to

- ❖ Understand the concept of data structures and its relevance in computer science.
- ❖ Familiarize with selected linear and nonlinear data structures.
- ❖ Enhance skill in programming in C.

## **Training Methodology:**

- Hands on practice approach to training, behavioral model of training would be practiced.
- During the training, the Trainee would implement a project related to respective modules.

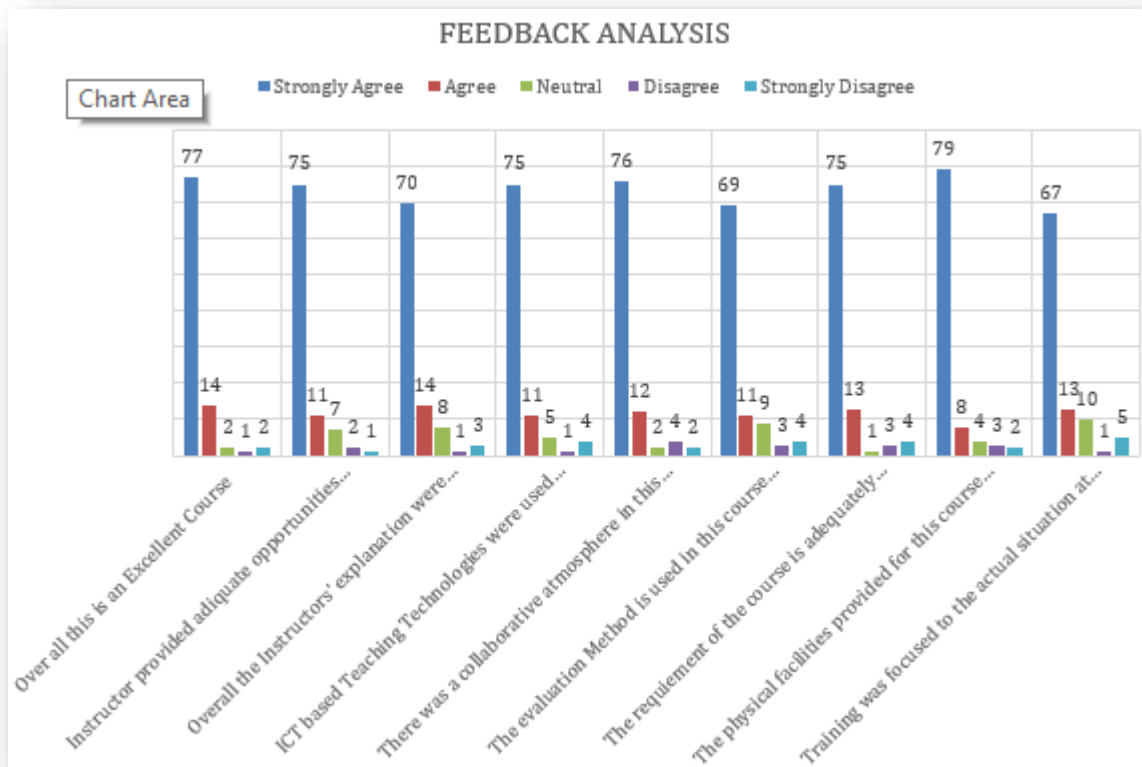
- Commitment to Individual growth and constant evaluation.
- Implementation of programming techniques through a Project using C language.

**Summary of the program:**

The following points can be noted from the program.

- ❖ At the beginning of the training trainer has clearly described the basic Introduction Data structure and c - programming skill and its application in industries in different areas.
- ❖ Students had done many programming by themselves during the trainings.
- ❖ During the training some students raised their queries and the trainer had explained all the quarries of the students.
- ❖ At the end of the training an online exam was conducted.
- ❖ As per the feedback received from the students’ end, the entire session was really fruitful
- ❖ and enjoyable and the students have learned many things about C Programming skill.

**Feedback analysis for the training:**



**Student List:**

SN	ROLLNO	NAME	Remarks
1	11900117007	VISHAL GUPTA	Successfully Completed
2	11900117008	TAUSIF KHAN	Successfully Completed
3	11900117009	TANUSREE HALDER	Successfully Completed
4	11900117010	TANUSHREE PANDIT	Successfully Completed
5	11900117011	SWATI SINGH	Successfully Completed
6	11900117012	SUSWAGATA CHAKRABORTY	Successfully Completed
7	11900117013	SURABHI GOPE	Successfully Completed
8	11900117014	SUJEET KUMAR	Successfully Completed
9	11900117015	SUDARSHAN SHARMA	Successfully Completed
10	11900117016	SRESTHA ROY	Successfully Completed
11	11900117017	SOURAV GHOSH	Successfully Completed
12	11900117018	SHWETA DAS	Successfully Completed
13	11900117019	SHUBHANGKAR CHAKRABORTY	Successfully Completed
14	11900117020	SHRITHI BASUMATA	Successfully Completed
15	11900117021	SHREYAM SAHA	Successfully Completed
16	11900117022	SAURAV KUMAR	Successfully Completed
17	11900117023	SAUGATA MAJILA	Successfully Completed
18	11900117024	SAUGATA MAHALI	Successfully Completed
19	11900117025	SATYAM KUMAR	Successfully Completed
20	11900117026	SANDIP DAS	Successfully Completed
21	11900117027	SAKET GAUTAM	Successfully Completed
22	11900117028	SAFWAN SARWAR	Successfully Completed
23	11900117029	ROHIT ISOR	Successfully Completed
24	11900117030	ROHIT GOWALA	Successfully Completed
25	11900117031	RIYA DUTTA	Successfully Completed
26	11900117032	RINKI KUNDU	Successfully Completed
27	11900117033	RICKY SAHA	Successfully Completed
28	11900117034	RAMIZ HOSSAIN	Successfully Completed
29	11900117035	RAHUL CHAKRABORTY	Successfully Completed
30	11900117036	PURABI DAS	Successfully Completed
31	11900117037	PRIYANKA PRASAD	Successfully Completed

32	11900117038	PRITHWIRAJ SARKAR	Successfully Completed
33	11900117039	PRITHWIRAJ DEBNATH	Successfully Completed
34	11900117040	PRITHVI RAJ DEBNATH	Successfully Completed
35	11900117042	POULAMI MONDAL	Successfully Completed
36	11900117043	NISHA SINHA	Successfully Completed
37	11900117044	NIRUPAM DAS	Successfully Completed
38	11900117045	NIKITA DAS	Successfully Completed
39	11900117047	MUKHTADUL ISLAM	Successfully Completed
40	11900117048	MRINAL MADHUKAR	Successfully Completed
41	11900117049	MORISH JOY EKKA	Successfully Completed
42	11900117050	MODASSIR ALAM	Successfully Completed
43	11900117051	MANTHAN KUMAR OJHA	Successfully Completed
44	11900117052	LINKAN MAJUMEDR	Successfully Completed
45	11900117053	KUMAR JAYANT	Successfully Completed
46	11900117054	KOYEL DAS	Successfully Completed
47	11900117055	KOUSHIK SHIL	Successfully Completed
48	11900117056	KIRAN KUMARI	Successfully Completed
49	11900117057	KAUSHIK DEY	Successfully Completed
50	11900117058	KARAN AGARWAL	Successfully Completed
51	11900117059	JAYA BANIK	Successfully Completed
52	11900117060	HIMANISH BHATTACHARYA	Successfully Completed
53	11900117061	GUNJAN ROY	Successfully Completed
54	11900117062	DIPIKA SARKAR	Successfully Completed
55	11900117063	DIPANNITA KUNDU	Successfully Completed
56	11900117064	DIBYA JYOTI GHOSH	Successfully Completed
57	11900117065	DEBRUPA BHATTACHARYA	Successfully Completed
58	11900117066	DEBALINA LAHA	Successfully Completed
59	11900117067	DEB PRAMANIK	Successfully Completed
60	11900117068	BRAJESH KUMAR MANDAL	Successfully Completed
61	11900117069	BISHAL DHAIR	Successfully Completed
62	11900117070	BHASKAR RAY	Successfully Completed
63	11900117071	BARSHAN PAL	Successfully Completed
64	11900117072	AYITIK SHOME	Successfully Completed
65	11900117073	AVISHEK ROY	Successfully Completed

66	11900117074	ARSALAN UMER SHAH	Successfully Completed
67	11900117075	ARPITA SAHA KUNDU	Successfully Completed
68	11900117076	ARNAB SHARMA	Successfully Completed
69	11900117077	ARNAB BAURI	Successfully Completed
70	11900117078	ARITRA SINHA	Successfully Completed
71	11900117079	ARITRA SAHA	Successfully Completed
72	11900117080	ARGHYA MITRA	Successfully Completed
73	11900117081	ANISH KUMAR JHA	Successfully Completed
74	11900117082	ANINDITA KAR	Successfully Completed
75	11900117083	ANIKET SHAW	Successfully Completed
76	11900117084	AMRIT RAJ	Successfully Completed
77	11900117085	AMIT BHAGAT	Successfully Completed
78	11900117086	AKASH KRISHNA KOLEY	Successfully Completed
79	11900117087	ADITYA SINGH	Successfully Completed
80	11900117088	ADHIRAJ PAL	Successfully Completed
81	11900117089	ABHISHEK SINHA	Successfully Completed
82	11900117090	ABHISHEK SHARMA	Successfully Completed
83	11900117091	ABHISHEK PRASAD	Successfully Completed
84	11900117092	ABHISHEK KUMAR	Successfully Completed
85	11900117093	ABHISHEK DEB	Successfully Completed
86	11900117094	ABHINAV KUMAR	Successfully Completed
87	11900117095	AASHUTOSH SINHA	Successfully Completed
88	11900118002	SUDHIR KUMAR	Successfully Completed
89	11900118003	SUBHAM NANDY	Successfully Completed
90	11900118004	SANCHITA DAS	Successfully Completed
91	11900118005	RIMLI SARKAR	Successfully Completed
92	11900118006	NUTAN DAS GUPTA	Successfully Completed
93	11900118007	NIKITA PRASAD	Successfully Completed
94	11900118008	KRITIKA SHRESTHA	Successfully Completed
95	11900118009	DIPANKAR KARJEE	Successfully Completed
96	11900118010	ARIT MAJUMDAR	Successfully Completed