

Indore Institute of Science and Technology

Event Report

Academic Year – 2020-21

Session: Jan to June 2021

Name of Event: Training on Logical Building and Programming, Algorithms and Data Structures using C

Date of Event: 27 Jan – 9 Feb 2021

Organizing Dept.: CSE

Event Coordinator: Mr. Deepak Vishwakarma

Name of Partner / co-organizer (If Industry is involved): Programming World

Address: E 2764, Vijaypath, Sector E, Sudama Nagar, Indore – 452009

Contact No.: 7415559991 Email Id: pankaj.wadhvani.89.@gmail.com

Name of Industry Representative: 1

Contact No.: Email Id:

Name of Expert/Guest: Mr.Pankaj Wadhvani

Institute / Company: Programming World

Designation: Director and Co-Founder

Contact No.: 7415559991 , Email Id: pankaj.wadhvani.89.@gmail.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
1	273	CSE/IT	1	



Principal

Indore Institute of Science and Technology

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Department of Computer Science and Engineering

DATE:22/1/2021

Approval Letter

Department of Computer Science and Engineering is interested to organize training on Logical Building and Programming, Algorithms and Data Structures using C in association with Programming World from 27 Jan 2021 to 9 Feb 2021 in Online mode from 9:30 AM.

Kindly approve for organizing the training.

HOD CSE



Indore Institute of Science and Technology

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Department of Computer Science and Engineering

DATE:25/1/2021

Notice

All Students and Faculty members are hereby informed that department of CSE is organizing training on **Logical Building and Programming, Algorithms and Data Structures using C** in association with **Programming World** from 27 Jan 2021 to 9 Feb 2021. All the I and II Year students of CSE and IT will participate actively in this training. The training will be organized in Online mode from 9:30 AM.

For more detail contact faculty coordinator Mr. Deepak Vishwakarma (CSE Department) and students coordinator Mr. Tushar Verma and Ms. Durva Kulkarni.

Expert : Mr. Pankaj Wadhvani

All Faculty members and students are requested to take benefit of same.


HoD CSE




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Indore Institute of Science and Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Department of CSE is organizing training in association with
Programing World

Topic: Logical Building and Programming, Algorithms and Data Structures using C

Date: 27 Jan to 9 Feb 2021

Time: 9:30 AM onwards

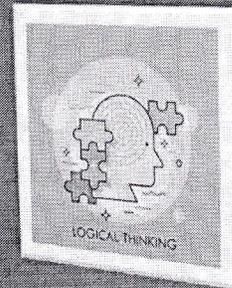
Venue: Online

Trainer : Mr. Pankaj Wadhvani

Faculty Coordinator: Mr. Deepak Vishwakarma

Students Coordinator: Tushar Verma

Durva Kulkarni



OK
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Objectives

The objectives of the training are.

- To impart the basic concepts of data structures and algorithms and review of C programming.
- To understand and implements concepts about Linear Data Structure Queue and stack and their applications.
- To Understand and implements basic concepts about trees.
- To understanding basic concepts of graph and it's applications.
- To understand the basic concepts of searching, sorting and hashing and to study collision resolution techniques.

Outcomes

The student will have

- Ability to analyze algorithms and algorithm correctness.
- Ability to summarize the use of stack and queue in real life applications.
- Ability to describe the use of tree.
- Ability to have knowledge of graphs concepts and know to implements it's applications.
- Ability to summarize and implements searching, sorting and hashing techniques.

Course Content

An Overview of C

- Operators
- Control Statement
- Loops
- Array in C
- String Handling
- Function in C

- Recursion
- Variable Storage Classes
- Variable arguments Function
- Pointers in C
- Structures and Unions
- Dynamic Memory allocation
- Introduction to Dynamic Memory Allocation
- File Management in C
- Introduction to File Management
- Pre-processor

Overview of Data Structures

- Array
- Linked List
- Stack
- Queue
- Binary Tree
- Binary Search Tree
- Heap
- Hashing
- Graph

List of Online Participant

S. No	Roll No	Name	Total/Date	1	2	3	4	5	6	7	8	9	10
				27-Jan	28-Jan	29-Jan	1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	8-Feb	9-Feb
1	0818CS201001	AADITYA THAKUR	7	A	A	A	P	P	P	P	P	P	P
2	0818CS201002	AARCHI GUPTA	8	A	P	P	P	P	P	A	P	P	P
3	0818CS201003	AARTI PATIDAR	8	A	P	P	P	P	P	P	P	P	A
4	0818CS201004	ABHISHEK MALHOTRA	9	P	P	P	P	P	P	P	A	P	P
5	0818CS201007	ABIZER RAMPURAWALA	10	P	P	P	P	P	P	P	P	P	P
6	0818CS201009	ADITYA SOHANI	10	P	P	P	P	P	P	P	P	P	P
7	0818CS201010	AJAY SHUKLA	9	A	P	P	P	P	P	P	P	P	P
8	0818CS201011	AKARSHIT SRIVASTAVA	9	P	P	P	P	P	P	P	A	P	P
9	0818CS201012	AKASH VISHWAKARMA	8	A	A	P	P	P	P	P	P	P	P
10	0818CS201013	AKSHAY SINGH NAROLIYA	7	P	A	P	A	P	P	P	P	A	P
11	0818CS201014	ALTAF KHAN	7	A	A	P	P	P	P	A	P	P	P
12	0818CS201016	ANANYA CHANDEL	10	P	P	P	P	P	P	P	P	P	P
13	0818CS201017	ANANYA JADON	9	P	P	P	P	P	P	A	P	P	P
14	0818CS201018	ANCHAL PASWAN	10	P	P	P	P	P	P	P	P	P	P
15	0818CS201019	ANIKET THAKUR	8	A	A	P	P	P	P	P	P	P	P
16	0818CS201020	ANISH PRASAD	9	P	P	P	P	P	P	P	P	A	P
17	0818CS201021	ANJALI VERMA	9	P	P	P	P	A	P	P	P	P	P
18	0818CS201022	ANKIT SIMAIYA	8	P	A	P	P	P	P	P	P	A	P
19	0818CS201023	ANSHU MOURYA	9	A	P	P	P	P	P	P	P	P	P
20	0818CS201024	ANURAG GUPTA	8	A	P	P	P	A	P	P	P	P	P
21	0818CS201025	ANURAG MUKATI	8	A	A	P	P	P	P	P	P	P	P
22	0818CS201026	ANUSHKA DUBEY	7	A	A	A	P	P	P	P	P	P	P
23	0818CS201027	ARVIND MALVIYA	7	P	A	A	A	P	P	P	P	P	P
24	0818CS201028	ASHIK MULTANI	4	A	A	A	A	P	P	P	A	A	P
25	0818CS201029	ASHISH PARMAR	8	P	A	P	A	P	P	P	P	P	P
26	0818CS201031	ASTITVA PATLE	8	P	P	P	P	A	P	P	P	P	A
27	0818CS201032	ASTITVA SHRIVASTAVA	8	A	A	P	P	P	P	P	P	P	P
28	0818CS201033	ATHARV SHROTRIYA	6	A	A	A	A	P	P	P	P	P	P
29	0818CS201034	AYAN MOHAMMAD	7	A	A	A	P	P	P	P	P	P	P
30	0818CS201036	AYUSH PATEL	10	P	P	P	P	P	P	P	P	P	P



31	0818CS201038	BALKRISHNA CHOUHAN	7	A	A	P	A	P	P	P	P	P	P
32	0818CS201039	BHUPESH PATIDAR	9	P	A	P	P	P	P	P	P	P	P
33	0818CS201040	CHINMAY PATHAK	10	P	P	P	P	P	P	P	P	P	P
34	0818CS201042	DEEPANSHU BHATT	8	A	A	P	P	P	P	P	P	P	P
35	0818CS201043	DEEPU SINGH TOMAR	10	P	P	P	P	P	P	P	P	P	P
36	0818CS201044	DEV SANWALIYA	7	A	A	A	P	P	P	P	P	P	P
37	0818CS201045	DEVANGI CHOUHAN	7	A	A	P	A	P	P	P	P	P	P
38	0818CS201046	DHEERAJ YADAV	9	A	P	P	P	P	P	P	P	P	P
39	0818CS201047	DIVYANSH PALIWAL	9	P	P	P	P	A	P	P	P	P	P
40	0818CS201048	DIVYANSH RAI	10	P	P	P	P	P	P	P	P	P	P
41	0818CS201049	DIVYANSH SHARMA	10	P	P	P	P	P	P	P	P	P	P
42	0818CS201051	DIVYANSHU SHARMA	10	P	P	P	P	P	P	P	P	P	P
43	0818CS201052	GARIMA BATHAM	8	A	A	P	P	P	P	P	P	P	P
44	0818CS201053	GAURAV YADAV	8	A	A	P	P	P	P	P	P	P	P
45	0818CS201055	GOVARDHAN SINGH	8	A	A	P	P	P	P	P	P	P	P
46	0818CS201056	GOVIND YADAV	8	P	A	P	A	P	P	P	P	P	P
47	0818CS201057	HARSH MAHESHWARI	9	A	P	P	P	P	P	P	P	P	P
48	0818CS201058	HARSH RAHADWE	8	A	A	P	P	P	P	P	P	P	P
49	0818CS201059	HARSHAL PANJRE	10	P	P	P	P	P	P	P	P	P	P
50	0818CS201061	HARSHRAJSINGH CHOUHAN	8	A	A	P	P	P	P	P	P	P	P
51	0818CS201062	HUSAIN AZAD	10	P	P	P	P	P	P	P	P	P	P
52	0818CS201063	JAMES JOSE	7	P	A	A	A	P	P	P	P	P	P
53	0818CS201064	JATIN AGRAWAL	10	P	P	P	P	P	P	P	P	P	P
54	0818CS201066	JAYTI GOKHARU	7	A	A	P	A	P	P	P	P	P	P
55	0818CS201067	KAJAL SINGH	7	P	A	A	A	P	P	P	P	P	P
56	0818CS201068	KAMAL RAWAT	9	P	A	P	P	P	P	P	P	P	P
57	0818CS201069	KAMYA AGRAWAL	10	P	P	P	P	P	P	P	P	P	P
58	0818CS201070	KAPIL MALVIYA	8	P	A	P	A	P	P	P	P	P	P
59	0818CS201071	KARTIK JITPURE	7	A	A	A	P	P	P	P	P	P	P
60	0818CS201072	KARTIK SAHU	8	P	A	A	P	P	P	P	P	P	P
61	0818CS201073	KESHAV KUMAR	8	P	A	A	P	P	P	P	P	P	P
62	0818CS201074	KHUSHABOO KUMAWAT	7	A	A	A	P	P	P	P	P	P	P
63	0818CS201075	KHUSHI PATIDAR	9	P	P	P	P	P	P	P	P	A	P
64	0818CS201076	KHUSHI SALI	9	A	P	P	P	P	P	P	P	P	P
65	0818CS201078	KRISHNA SONI	10	P	P	P	P	P	P	P	P	P	P
66	0818CS201080	KUNAL DESHMUKH	10	P	P	P	P	P	P	P	P	P	P
67	0818CS201081	KUNDAN VERMA	10	P	P	P	P	P	P	P	P	P	P
68	0818CS201083	LAVISHA GAUR	8	P	A	A	P	P	P	P	P	P	P
69	0818CS201084	LOKESH DESHMUKH	6	A	A	A	A	P	P	P	P	P	P
70	0818CS201085	LUCKY SHARMA	9	P	P	P	P	P	P	P	A	P	P
71	0818CS201086	MAHAK THAKUR	10	P	P	P	P	P	P	P	P	P	P



72	0818CS201087	MANAS JAIN	8	P	A	A	P	P	P	P	P	P	P
73	0818CS201088	MANISHA SHIVHARE	9	A	P	P	P	P	P	P	P	P	P
74	0818CS201090	MANUSHREE ATRE	9	A	P	P	P	P	P	P	P	P	P
75	0818CS201091	MAUSOOMI ROY	9	P	P	P	P	A	P	P	P	P	P
76	0818CS201092	MAYUR KUKREJA	9	A	P	P	P	P	P	P	P	P	P
77	0818CS201093	MEET HARSOLA	7	A	A	A	P	P	P	P	P	P	P
78	0818CS201094	MEGHAN BHANGALE	10	P	P	P	P	P	P	P	P	P	P
79	0818CS201095	MEGHAVI SISODIYA	8	P	A	A	P	P	P	P	P	P	P
80	0818CS201096	MIHIR CHOUHAN	10	P	P	P	P	P	P	P	P	P	P
81	0818CS201097	MISHTHI SHANDILYA	9	A	P	P	P	P	P	P	P	P	P
82	0818CS201099	MOHAMMAD HUSSAIN	9	A	P	P	P	P	P	P	P	P	P
83	0818CS201100	MOHD. HAZIM KHAN	7	P	A	A	A	P	P	P	P	P	P
84	0818CS201101	MOHIT SOLANKI	8	P	A	A	P	P	P	P	P	P	P
85	0818CS201102	MONU PRAJAPATI	9	A	P	P	P	P	P	P	P	P	P
86	0818CS201103	NAMAN JAIN	9	A	P	P	P	P	P	P	P	P	P
87	0818CS201104	NAMAN PATHAK	10	P	P	P	P	P	P	P	P	P	P
88	0818CS201105	NARENDRA KUSHWAHA	8	P	A	A	P	P	P	P	P	P	P
89	0818CS201107	NAVNEET MALVIYA	8	P	A	A	P	P	P	P	P	P	P
90	0818CS201108	NEELESH SINGH	10	P	P	P	P	P	P	P	P	P	P
91	0818CS201110	NIKHIL BAVISTALE	9	A	P	P	P	P	P	P	P	P	P
92	0818CS201111	NIKHIL BHAWSAR	9	A	P	P	P	P	P	P	P	P	P
93	0818CS201112	NIKHIL NAMDEV	9	A	P	P	P	P	P	P	P	P	P
94	0818CS201113	NIKHIL UIKEY	7	P	A	A	A	P	P	P	P	P	P
95	0818CS201114	NIKITA MAHANT	8	P	A	A	P	P	P	P	P	P	P
96	0818CS201115	NILESH SATOTE	10	P	P	P	P	P	P	P	P	P	P
97	0818CS201116	PALAK BHAWSAR	8	P	A	A	P	P	P	P	P	P	P
98	0818CS201117	PALLAVI KAUSHAL	10	P	P	P	P	P	P	P	P	P	P
99	0818CS201119	PIYUSH MANDLOI	10	P	P	P	P	P	P	P	P	P	P
100	0818CS201120	PIYUSH PARIHAR	9	P	P	P	P	P	P	P	P	A	P
101	0818CS201121	PRABHAKAR KUMAR	7	P	A	A	A	P	P	P	P	P	P
102	0818CS201124	PRAGYA BHADORIYA	7	A	A	A	P	P	P	P	P	P	P
103	0818CS201125	PRAKHAR GUPTA	10	P	P	P	P	P	P	P	P	P	P
104	0818CS201126	PRANAV SHUKLA	7	A	A	A	P	P	P	P	P	P	P
105	0818CS201127	PRANSHURAJ YADAV	7	P	A	A	A	P	P	P	P	P	P
106	0818CS201128	PRASHANT DAMADE	9	A	P	P	P	P	P	P	P	P	P
107	0818CS201129	PRASHANT PATEL	10	P	P	P	P	P	P	P	P	P	P
108	0818CS201130	PRASOON BHARGAVA	9	P	P	P	P	P	A	P	P	P	P
109	0818CS201131	PRATHAM SHARMA	7	A	A	A	P	P	P	P	P	P	P



110	0818CS201132	PRATI KSHA VANJARE	7	A	A	A	P	P	P	P	P	P	P
111	0818CS201133	PRATISHTHA SHARMA	10	P	P	P	P	P	P	P	P	P	P
112	0818CS201134	PRAVEEN KUMAR	9	A	P	P	P	P	P	P	P	P	P
113	0818CS201135	PRERITA BHOKARDANKAR	9	A	P	P	P	P	P	P	P	P	P
114	0818CS201136	PRIYANSHU PATEL	10	P	P	P	P	P	P	P	P	P	P
115	0818CS201137	RAHUL RAJPUT	10	P	P	P	P	P	P	P	P	P	P
116	0818CS201140	RAVI RATHORE	7	P	A	A	A	P	P	P	P	P	P
117	0818CS201141	RISHABH KHANDAGRE	10	P	P	P	P	P	P	P	P	P	P
118	0818CS201142	RISHIKA GUPTA	8	P	A	A	P	P	P	P	P	P	P
119	0818CS201146	RITIKA KUSHWAH	7	A	A	A	P	P	P	P	P	P	P
120	0818CS201148	ROHIT RAJ	7	A	A	A	P	P	P	P	P	P	P
121	0818CS201149	ROSHAN KUMAR	7	A	A	A	P	P	P	P	P	P	P
122	0818CS201150	SAKSHAM JAIN	7	A	A	A	P	P	P	P	P	P	P
123	0818CS201151	SAKSHI BHADORIYA	7	A	A	A	P	P	P	P	P	P	P
124	0818CS201152	SAMARTH RAJGURU	7	A	A	A	P	P	P	P	P	P	P
125	0818CS201155	SARTHAK ALERIYA	7	A	A	A	P	P	P	P	P	P	P
126	0818CS201158	SHEETAL KHATARKAR	7	A	A	A	P	P	P	P	P	P	P
127	0818CS201160	SHIVAM SINGH	7	A	A	A	P	P	P	P	P	P	P
128	0818CS201161	SHIVAM VAIDHYA	7	A	A	A	P	P	P	P	P	P	P
129	0818CS201162	SHIVANSHU NAMDEV	7	A	A	A	P	P	P	P	P	P	P
130	0818CS201165	SHREYANSH DUBEY	7	A	A	A	P	P	P	P	P	P	P
131	0818CS201168	SIDDHARTH SINGH CHOUHAN	7	A	A	A	P	P	P	P	P	P	P
132	0818CS201170	SOMYA SHARMA	7	A	A	A	P	P	P	P	P	P	P
133	0818CS201171	SOURABH POTFODE	7	A	A	A	P	P	P	P	P	P	P
134	0818CS201172	SPARSH JAISWAL	7	A	A	A	P	P	P	P	P	P	P
135	0818CS201174	SUDHANSHU GUPTA	7	A	A	A	P	P	P	P	P	P	P
136	0818CS201176	SUMIT CHOUHAN	7	A	A	A	P	P	P	P	P	P	P
137	0818CS201180	TANISHKA JAIN	7	A	A	A	P	P	P	P	P	P	P
138	0818CS201181	TUSHAR JAGTAP	7	A	A	A	P	P	P	P	P	P	P
139	0818CS201184	UMESH KUMAR	7	A	A	A	P	P	P	P	P	P	P
140	0818CS201185	UOGESH KORANGA	7	A	A	A	P	P	P	P	P	P	P
141	0818CS201188	VAIBHAV JAIN	7	A	A	A	P	P	P	P	P	P	P



14 2	0818CS201189	VAIBHAV PATHAK	7	A	A	A	P	P	P	P	P	P	P
14 3	0818CS201190	VANSHIKA AGRAWAL	7	A	A	A	P	P	P	P	P	P	P
14 4	0818CS201191	VANSHIKA SONER	7	A	A	A	P	P	P	P	P	P	P
14 5	0818CS201196	VIJAY PRAJAPAT	7	A	A	A	P	P	P	P	P	P	P
14 6	0818CS201203	VIVEK YADAV	7	A	A	A	P	P	P	P	P	P	P
14 7	0818CS201207	YASH PATEL	7	A	A	A	P	P	P	P	P	P	P
14 8	0818IT201002	ADITYA	9	P	P	P	A	P	P	P	P	P	P
14 9	0818IT201003	ADITYA JAIN	9	A	P	P	P	P	P	P	P	P	P
15 0	0818IT201005	AJAY KAG	9	A	P	P	P	P	P	P	P	P	P
15 1	0818IT201008	ANAMIKA YADAV	8	A	A	P	P	P	P	P	P	P	P
15 2	0818IT201009	ANIRUDH PATEL	9	A	P	P	P	P	P	P	P	P	P
15 3	0818IT201011	ASHISH KASHIV	9	A	P	P	P	P	P	P	P	P	P
15 4	0818IT201012	ASHISH PATIDAR	9	A	P	P	P	P	P	P	P	P	P
15 5	0818IT201013	ASHWIN DUBEY	9	A	P	P	P	P	P	P	P	P	P
15 6	0818IT201015	AVINASH BAIRAGI	8	A	A	P	P	P	P	P	P	P	P
15 7	0818IT201016	AYUSH PATIDAR	9	A	P	P	P	P	P	P	P	P	P
15 8	0818IT201017	AYUSHI DUBEY	9	A	P	P	P	P	P	P	P	P	P
15 9	0818IT201019	DEEPIKA SONI	9	A	P	P	P	P	P	P	P	P	P
16 0	0818IT201022	GAURAV YADAV	8	A	A	P	P	P	P	P	P	P	P
16 1	0818IT201025	JAY KANATHE	8	A	A	P	P	P	P	P	P	P	P
16 2	0818IT201026	KHEMCHAND MEHRA	9	A	P	P	P	P	P	P	P	P	P
16 3	0818IT201028	KRISH LIKHAR	8	A	A	P	P	P	P	P	P	P	P
16 4	0818IT201029	KULDEEP MANDLOI	9	A	P	P	P	P	P	P	P	P	P
16 5	0818IT201032	MANISHA THAKULLA	9	A	P	P	P	P	P	P	P	P	P
16 6	0818IT201033	MOHIT NAGAR	9	A	P	P	P	P	P	P	P	P	P
16 7	0818IT201034	MOHIT PATNI	9	A	P	P	P	P	P	P	P	P	P
16 8	0818IT201035	MONIKA PATIDAR	9	A	P	P	P	P	P	P	P	P	P
16 9	0818IT201036	MUKUND PURANIK	9	A	P	P	P	P	P	P	P	P	P
17 0	0818IT201037	MUSKAN SIRSE	9	A	P	P	P	P	P	P	P	P	P
17 1	0818IT201038	NANDANI GUPTA	8	A	A	P	P	P	P	P	P	P	P
17 2	0818IT201040	NIRMAL SINGH PARMAR	9	A	P	P	P	P	P	P	P	P	P
17 3	0818IT201043	PIYUSH MISHRA	9	A	P	P	P	P	P	P	P	P	P



17 4	0818IT201045	PRAJWAL ATKARE	9	A	P	P	P	P	P	P	P	P	P
17 5	0818IT201046	PRASHANT SINGH SOLANKI	9	A	P	P	P	P	P	P	P	P	P
17 6	0818IT201047	PRATIK KUMBHKAR	9	A	P	P	P	P	P	P	P	P	P
17 7	0818IT201050	RAHUL KALSEKAR	8	A	A	P	P	P	P	P	P	P	P
17 8	0818IT201051	RAM BIRLA	9	A	P	P	P	P	P	P	P	P	P
17 9	0818IT201054	RISHABH DHAKAD	8	A	A	P	P	P	P	P	P	P	P
18 0	0818IT201055	RISHABH RATHORE	9	A	P	P	P	P	P	P	P	P	P
18 1	0818IT201057	SARIKA PUROHIT	9	A	P	P	P	P	P	P	P	P	P
18 2	0818IT201059	SIMRAN KHEDE	9	A	P	P	P	P	P	P	P	P	P
18 3	0818IT201060	SONAM VITTHAL	9	A	P	P	P	P	P	P	P	P	P
18 4	0818IT201061	SOURABH SANKHERE	9	A	P	P	P	P	P	P	P	P	P
18 5	0818IT201062	TANMAY PAL	9	A	P	P	P	P	P	P	P	P	P
18 6	0818IT201065	VINAYAK BHUSHAN	9	A	P	P	P	P	P	P	P	P	P
18 7	0818IT201067	VISHAL KASHIV	9	A	P	P	P	P	P	P	P	P	P
18 8	0818IT201068	YOGESH SHARMA	9	A	P	P	P	P	P	P	P	P	P
18 9	0818IT201069	YOGITA CHOUHAN	8	A	A	P	P	P	P	P	P	P	P
19 0	0818IT181009	ARUN PATEL	9	A	P	P	P	P	P	P	P	P	P
19 1	0818CS191001	AARTI BHAWSAR	9	P	P	P	P	P	P	A	P	P	P
19 2	0818CS191004	ADITI CHOURASIA	10	P	P	P	P	P	P	P	P	P	P
19 3	0818CS191017	ANAMIKA PATEL	9	P	P	P	P	P	P	P	P	A	P
19 4	0818CS191022	ANJALI MUKATI	10	P	P	P	P	P	P	P	P	P	P
19 5	0818CS191025	ANKIT YADAV	10	P	P	P	P	P	P	P	P	P	P
19 6	0818CS191028	ANSHIKA NEMA	9	P	P	P	P	P	P	P	P	A	P
19 7	0818CS191031	ANURAG MISHRA	10	P	P	P	P	P	P	P	P	P	P
19 8	0818CS191036	AYUSH DWIVEDI	9	P	P	P	P	P	P	A	P	P	P
19 9	0818CS191037	AYUSH RAGHUVANSHI	10	P	P	P	P	P	P	P	P	P	P
20 0	0818CS191039	AYUSHI JADHAV	10	P	P	P	P	P	P	P	P	P	P
20 1	0818CS191040	AYUSHI JAIN	10	P	P	P	P	P	P	P	P	P	P
20 2	0818CS191043	CHANDRASHEKHAR CHOUHAN	10	P	P	P	P	P	P	P	P	P	P
20 3	0818CS191044	CHARU PATIDAR	10	P	P	P	P	P	P	P	P	P	P
20 4	0818CS191046	DAMINI SAHU	10	P	P	P	P	P	P	P	P	P	P
20 5	0818CS191050	DEEPIKA NEGI	9	P	P	P	P	P	P	A	P	P	P



20 6	0818CS191051	DHEERAJ JOSHI	10	P	P	P	P	P	P	P	P	P	P	P
20 7	0818CS191053	DIVYA RAUT	10	P	P	P	P	P	P	P	P	P	P	P
20 8	0818CS191054	DURVA KULKARNI	9	P	P	P	P	P	A	P	P	P	P	P
20 9	0818CS191055	FAIZAN MANSOORI	10	P	P	P	P	P	P	P	P	P	P	P
21 0	0818CS191058	HARPREET KOUR ARORA	9	P	P	P	P	P	P	P	P	P	P	A
21 1	0818CS191059	HARSH JAISWAL	10	P	P	P	P	P	P	P	P	P	P	P
21 2	0818CS191061	HARSH SAHU	10	P	P	P	P	P	P	P	P	P	P	P
21 3	0818CS191068	HRITIKA JOSHI	10	P	P	P	P	P	P	P	P	P	P	P
21 4	0818CS191066	HIMANSHU MANDE	9	P	P	P	P	P	P	P	A	P	P	P
21 5	0818CS191070	ISHANK YADAV	10	P	P	P	P	P	P	P	P	P	P	P
21 6	0818CS191073	JAYESH KUSHWAH	10	P	P	P	P	P	P	P	P	P	P	P
21 7	0818CS191077	KAJAL GYANCHANDANI	10	P	P	P	P	P	P	P	P	P	P	P
21 8	0818CS191078	KANHAIYALAL VAKTHARIYA	10	P	P	P	P	P	P	P	P	P	P	P
21 9	0818CS191086	KUNAL PARMAR	10	P	P	P	P	P	P	P	P	P	P	P
22 0	0818CS191087	KUNAL SHARMA	10	P	P	P	P	P	P	P	P	P	P	P
22 1	0818CS191092	MANISH VERMA	10	P	P	P	P	P	P	P	P	P	P	P
22 2	0818CS191095	MAYANK VISHWAKARMA	9	P	P	P	P	P	P	P	A	P	P	P
22 3	0818CS191102	MOHIT SINGH CHAMYAL	10	P	P	P	P	P	P	P	P	P	P	P
22 4	0818CS191106	NANDINI SOLANKI	10	P	P	P	P	P	P	P	P	P	P	P
22 5	0818CS191108	NARENDRA PARMAR	10	P	P	P	P	P	P	P	P	P	P	P
22 6	0818CS191111	NIKHIL SAHU	10	P	P	P	P	P	P	P	P	P	P	P
22 7	0818CS191113	NIKITA MISHRA	9	P	P	P	P	P	P	P	P	P	P	A
22 8	0818CS191115	NISARG KHATAWKAR	10	P	P	P	P	P	P	P	P	P	P	P
22 9	0818CS191116	NISHCHAL MEHRA	9	P	P	P	P	P	P	A	P	P	P	P
23 0	0818CS191119	PANKAJ PORWAL	10	P	P	P	P	P	P	P	P	P	P	P
23 1	0818CS191124	PIYUSH MAHAJAN	10	P	P	P	P	P	P	P	P	P	P	P
23 2	0818CS191126	PRADEEP DALAL	10	P	P	P	P	P	P	P	P	P	P	P
23 3	0818CS191133	PRIYANSHU TRIPATHI	10	P	P	P	P	P	P	P	P	P	P	P
23 4	0818CS191134	PULKIT SABLOK	10	P	P	P	P	P	P	P	P	P	P	P
23 5	0818CS191137	RAHUL KASHYAP	9	P	P	P	P	P	P	P	A	P	P	P
23 6	0818CS191138	RAHUL PRAJAPATI	10	P	P	P	P	P	P	P	P	P	P	P
23 7	0818CS191139	RAHUL SANGITLA	10	P	P	P	P	P	P	P	P	P	P	P



23 8	0818CS191154	SADGI DAFTARI	10	P	P	P	P	P	P	P	P	P	P
23 9	0818CS191156	SAKSHI MOURYA	10	P	P	P	P	P	P	P	P	P	P
24 0	0818CS191157	SAKSHI NAGAR	10	P	P	P	P	P	P	P	P	P	P
24 1	0818CS191162	SARVESH YADAV	9	P	P	P	P	P	P	A	P	P	P
24 2	0818CS191169	SHRADDHA KUSHWAH	10	P	P	P	P	P	P	P	P	P	P
24 3	0818CS191172	SHREYA PURA	9	P	P	P	P	P	P	P	P	P	A
24 4	0818CS191179	SUMEET MANDLOI	10	P	P	P	P	P	P	P	P	P	P
24 5	0818CS191180	SURABHI SRIVASTAVA	10	P	P	P	P	P	P	P	P	P	P
24 6	0818CS191182	SURBHI DHANOTIYA	10	P	P	P	P	P	P	P	P	P	P
24 7	0818CS191187	TUSHAR VERMA	10	P	P	P	P	P	P	P	P	P	P
24 8	0818CS191190	URVASHI UPADHYAY	10	P	P	P	P	P	P	P	P	P	P
24 9	0818CS191192	UTTAM SINGARE	10	P	P	P	P	P	P	P	P	P	P
25 0	0818CS191199	VIKAS SINGH	10	P	P	P	P	P	P	P	P	P	P
25 1	0818CS191203	VIVEK JAIN	10	P	P	P	P	P	P	P	P	P	P
25 2	0818IT191006	ADITYA GUPTA	10	P	P	P	P	P	P	P	P	P	P
25 3	0818CS203D02	ISHA KANTHALE	9	P	P	P	P	P	A	P	P	P	P
25 4	0818CE191039	RAKESH RAJPUT	10	P	P	P	P	P	P	P	P	P	P
25 5	0818IT191002	ABDULLAH KHAN	10	P	P	P	P	P	P	P	P	P	P
25 6	0818IT191005	ABHISHEK DHOTE	10	P	P	P	P	P	P	P	P	P	P
25 7	0818IT191012	ANJUMAN VARSEE	10	P	P	P	P	P	P	P	P	P	P
25 8	0818IT191014	ANNAPOORNA SINGH	9	P	P	P	P	P	P	A	P	P	P
25 9	0818IT191015	ASHISH KUSHWAH	9	P	P	P	P	P	A	P	P	P	P
26 0	0818IT191023	GOURAV CHOUDHARY	10	P	P	P	P	P	P	P	P	P	P
26 1	0818IT191027	KANHA KUSHWAH	9	P	P	P	P	P	P	A	P	P	P
26 2	0818IT191030	KEERTI CHOUHAN	9	P	P	P	P	P	P	P	P	A	P
26 3	0818IT191034	POOJA PAL	10	P	P	P	P	P	P	P	P	P	P
26 4	0818IT191036	PRAKHAR SHARMA	8	P	P	P	P	P	A	P	A	P	P
26 5	0818IT191038	PRASHANSHA KASHYAP	10	P	P	P	P	P	P	P	P	P	P
26 6	0818IT191041	PRIYANSHI VERMA	9	P	P	P	P	P	P	P	P	P	A
26 7	0818IT191048	SAKSHI PATEL	10	P	P	P	P	P	P	P	P	P	P
26 8	0818IT191049	SAMEER KHAN	9	P	P	P	P	P	P	P	P	A	P
26 9	0818IT191055	SHREY SOMWANSHI	9	P	P	P	P	P	P	P	A	P	P

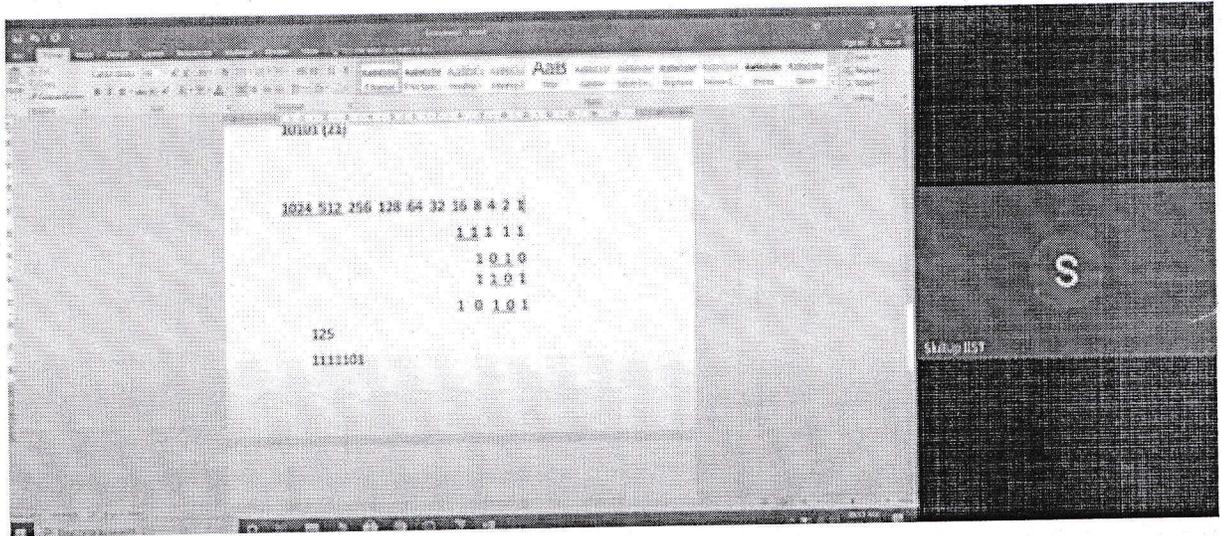
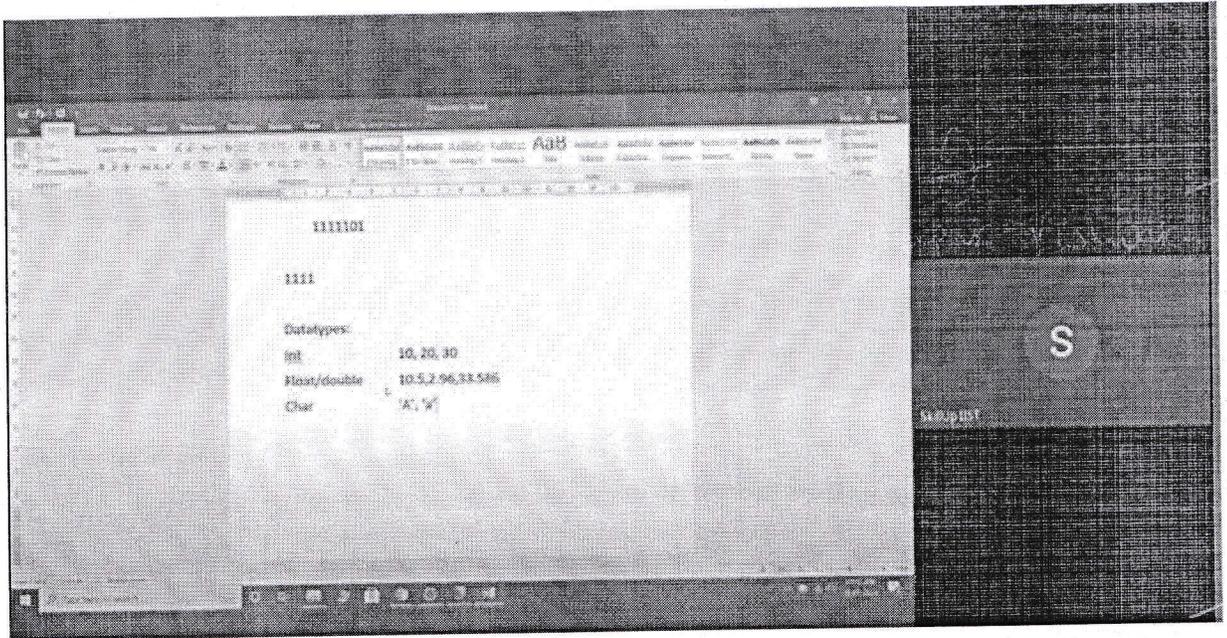


27 0	0818IT191056	SHRUTI VERMA	9	P	P	P	P	P	P	P	A	P	P	P
27 1	0818ME191014	ANIKET CHOUDHARY	10	P	P	P	P	P	P	P	P	P	P	P
27 2	0818ME191064	PAWAN AJMERA	10	P	P	P	P	P	P	P	P	P	P	P
27 3	0818CE191046	SHIVAM MAKWANE	10	P	P	P	P	P	P	P	P	P	P	P
			0	153	181	211	254	268	268	263	263	263	267	



(Signature)
Deepak Vishwakarma

Activity photo



(Handwritten signature)



Copy of sample certificate



Summary:

Department of CSE, at Indore Institute of Science and Technology, Indore has conducted training on **Logic Building & Core Programming, Algorithms & Data Structure using C**. The training has been inaugurated by Shri. Arun S.Bhatnagar, Director General IIST and Dr. Keshav Patidar, Principal IIST. HoD, CSE/IT Dept briefed about the training going to be conducted in the Inauguration Ceremony. This training has been held from 27 January 2021 till 09 February 2021.

Mr. Pankaj Wadhvani from Programming World was the Resource Persons who provided training. Date wise topics covered in this training are mentioned below along with its daily attendance.

S.No	Topics Discussed	Attendance
1.	An overview of C <ul style="list-style-type: none">● Operators● Control Statement● Loops● Array in C	153
2.	<ul style="list-style-type: none">● Array in C (contd.)● String Handling● Function in C● Recursion	181
3.	<ul style="list-style-type: none">● Variable Storage Classes● Variable arguments Function● Pointers in C	211
4.	<ul style="list-style-type: none">● Structures and Unions● Dynamic Memory allocation● Introduction to Dynamic Memory Allocation	254
5.	<ul style="list-style-type: none">● File Management in C● Introduction to File Management● Pre-processor	268
6.	Overview of Data Structures <ul style="list-style-type: none">● Array● Stack● Queue	268
7.	<ul style="list-style-type: none">● Linked List	263
8.	<ul style="list-style-type: none">● Binary Tree	263

Indore Institute of Science and Technology

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	<ul style="list-style-type: none">• Binary Search Tree	
9.	<ul style="list-style-type: none">• Heap	263
10.	<ul style="list-style-type: none">• Hashing• Graph	267

Overall, this training provides great insight on Data Structure to students and Students found this training would be helpful in their project work during upcoming semesters. At the end of training Certificate of Participation was given to students having attendance more than 50%


Deepak Vishwakam



Google classroom screenshot/ Facebook information screenshot as proof:

	ztb-hxwz-xjk (2021-01-29 at 01:20 GMT-8) 	me	Jan 29, 2021	me	12 KB
	ztb-hxwz-xjk (2021-01-29 at 01:20 GMT-8) 	me	Jan 29, 2021	me	138 MB
	jmn-nwrn-hmp (2021-01-27 at 01:21 GMT-8) 	me	Jan 29, 2021	me	111.7 MB
	icx-jfxo-rcq (2021-01-28 at 20:08 GMT-8) 	me	Jan 29, 2021	me	186.8 MB
	icx-jfxo-rcq (2021-01-28 at 20:08 GMT-8) 	me	Jan 29, 2021	me	8 KB
	swy-fdnh-eot (2021-01-28 at 20:08 GMT-8) 	me	Jan 29, 2021	me	10 KB
	swy-fdnh-eot (2021-01-28 at 20:08 GMT-8) 	me	Jan 29, 2021	me	119.5 MB
	rxw-atzj-ywb (2021-01-28 at 01:22 GMT-8) 	me	Jan 28, 2021	me	14 KB
	poo-sfov-esg (2021-01-27 at 20:21 GMT-8) 	me	Jan 28, 2021	me	11 KB
	poo-sfov-esg (2021-01-27 at 20:21 GMT-8) 	me	Jan 28, 2021	me	94.2 MB



Indore Institute of Science and Technology Event Report

Academic Year – 2021-22

Session: July to Dec 2021

Name of Event: Corporate Training on Java (Core and Advance)

Date of Event: 22 Oct to 30 Dec 2021

Organizing Dept.: IT

Event Coordinator: Ms. Alpana Meena

Name of Partner / co-organizer (If Industry is involved): Programming World

Address: E 2764, Vijaypath, Sector E, Sudama Nagar, Indore – 452009

Contact No.: 7415559991

Email Id: pankaj.wadhvani.89.@gmail.com

Name of Industry Representative: 1

Contact No.:

Email Id:

Name of Expert/Guest: Mr. Pankaj Wadhvani

Institute / Company: Programming World

Designation: Director and Co-Founder

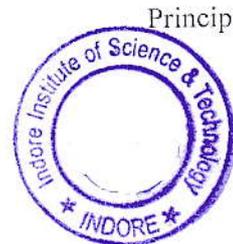
Contact No.: 7415559991

, Email Id: pankaj.wadhvani.89.@gmail.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
1	272	CSE/IT	1	


HoD



Activity photo

A screenshot of a Notepad++ window titled "ORACLE". The text inside the window lists the features of Java:

```

18 Features of Java
19 1) Platform Independent
20 2) Platform Neutral/ Architectural Neutral
21 3) Simple and Secure
22 4) Robust
23     a) Strictly Type Checked
24     b) Garbage Collector
25     c) Exception Handling
26 5) Supports Multithreading
  
```

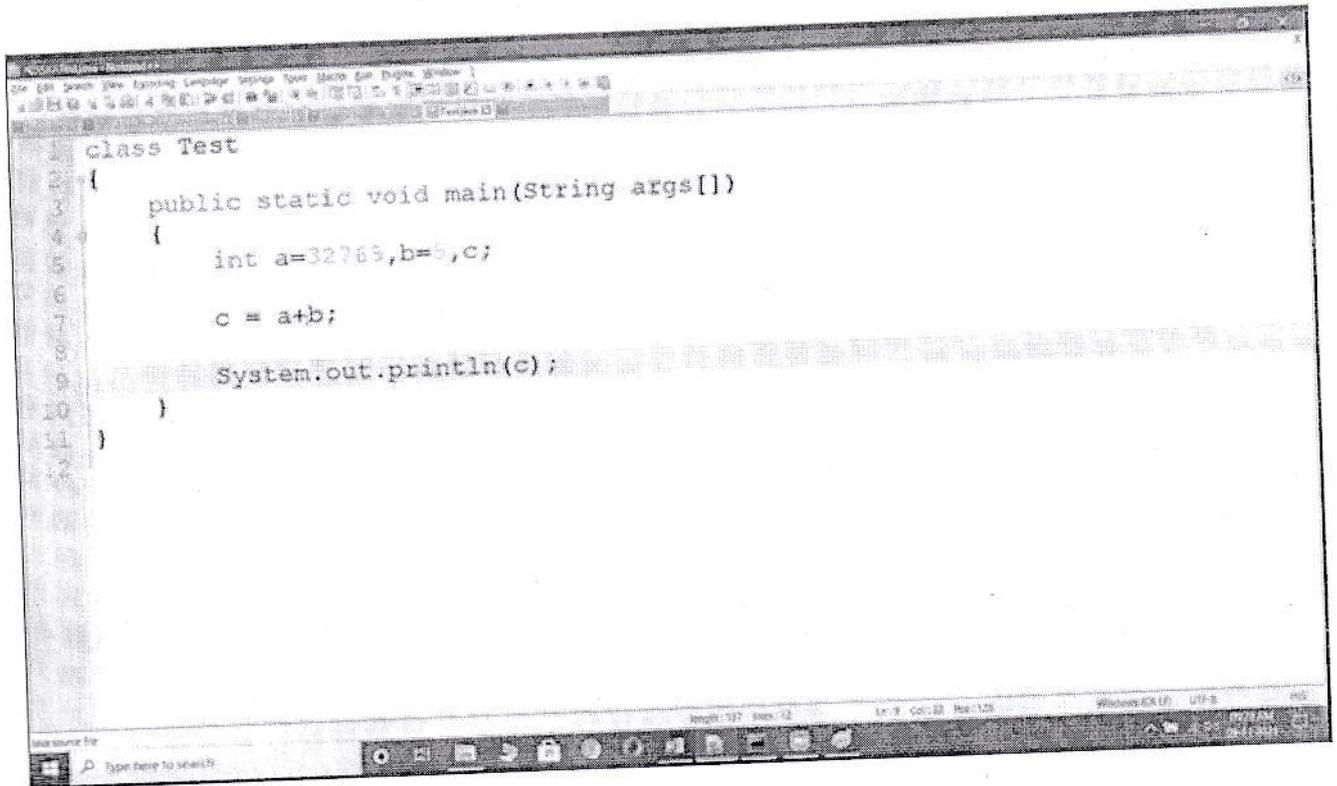
The window's status bar at the bottom shows "Length: 627", "Line: 45", "Col: 28", "Page: 1/1", and "Windows: 2/2".

A screenshot of a Notepad++ window showing Java code related to the 'final' keyword. The code includes a comment explaining its use and a class definition:

```

3  *final* Keyword
4
5  final Keyword can be used with variable declaration
6
7  # If a final variable is declared as static then we can either initialize it
8  If a method is declared as final then we cannot override the method
9
10 */
11 class Test
12 {
13     int a=10;
14     void
15     value      id main(String args[])
16     variable
17     void      w Test();
18 }
19
20
  
```

The window's status bar at the bottom shows "Length: 102", "Line: 19", "Col: 24", "Page: 1/1", and "Windows: 2/2".



```
1 class Test
2 {
3     public static void main(String args[])
4     {
5         int a=32769,b=9,c;
6
7         c = a+b;
8
9         System.out.println(c);
10    }
11 }
```

Summary:

The department of IT from IIST, Indore has organized a 90 Hours training on “Java: (Core and Advance)” from 22 Oct 2021 with the aim to provide hands on experience with Java programming and its object-oriented features. Students learnt to write, compile and execute Java programs, build robust applications using Java’s object-oriented features. This training was also useful in the reference of placement of students. Total 272 students have participated in this workshop. In this workshop the students were introduced to topics in JAVA Programming. Students got an idea how to write and run JAVA Programming, All the students really appreciated the contents that were discussed, and they realized that interactions like these can help them improve their learning. Students showed keen interest in attending more workshops like this in future.

In this training students acknowledged knowledge of JAVA Programming. Java is a general-purpose computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers “write once, run anywhere” (WORA), meaning that compiled Java code can run on all platforms that support Java without the need for recompilation. Mr. Pankaj Wadhvani from Programming World was the Resource Person who provided training.



Indore Institute of Science and Technology

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DATE:11/10/2021

Notice

All Students and Faculty members are IIST are hereby informed that department of IT is organizing Corporate Training on Java (Core and Advance) in association with Programming World from 22 Oct to 30 Dec 2021. All the II Year students of CSE and IT will participate actively in this training. The training will be organized in online mode from 09:00 AM.

For more detail contact faculty coordinator Ms.Alpana Meena (IT Department) and students coordinator Mr. Aman Gupta (IT) and Ms.Kajal Gyanchandani (CSE)

Expert : Mr.Pankaj Wadhwani

All Faculty members and students are requested to take benefit of same.


HOD


Principal





**Indore Institute of
Science & Technology**

Affiliated to - RGPV(Bhopal) & Approved by - AICTE(New Delhi)



Department of Computer Science & Engineering / Information Techno

ONLINE
Corporate Training

on
JAVA (Core + Advance)
(including Java Swing, HTML, CSS, XML, SQL)

90 Hrs training for IInd year
From: 22nd Oct 2021 | 09:00 to 10:00 AM

Trainer:
Mr. Pankaj Wadhvani

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000



Objectives

The learning objectives of this corporate training are:

- To learn why Java is useful for the design of desktop and web applications.
- To learn how to implement object-oriented designs with Java.
- To identify Java language components and how they work together in applications.
- To design and program stand-alone Java applications.

Outcomes

Upon completion of this course, the students will be able to:

- Use an appropriate programming environment to design, code, compile, run and debug computer programs.
- Demonstrate basic problem solving skills: analyzing problems, modeling a problem as a system of objects, creating algorithms, and implementing models and algorithms in an object-oriented computer language (classes, objects, methods with parameters, abstract classes, interfaces, inheritance and polymorphism).
- Illustrate basic programming concepts such as program flow and syntax of a high-level general purpose language.
- Demonstrate working with primitive data types, strings and arrays.

Course Content

Training Outline

Java: Basics of Java

- Java - What, Where and Why?
- History and Features of Java
- Internals of Java Program
- Difference between JDK, JRE and JVM
- Internal Details of JVM
- Variable and Data Type
- Unicode System
- Naming Convention



Data types

Operators

- Unary Operators
- Binary Operators
- Ternary Operators

Control Statement

- The IF....ELSE Statement
- IF.....ELSE ladder
- Nesting of IF....ELSE Statements
- The Switching Statements

Loops

- The while statement
- FOR Statements
- The do-while Statement
- Break statement
- Continue statement

Array in Java

- Array: What and Why?
- One Dimension ^{Arrays}
- Dynamic Arrays

Main Content:

- Advantage of OOPs
- Object and Class
- Call by Value
- Return By Value



- Method Overloading
- this keyword
- Constructor
- Array as an Argument
- String : What and Why?
- Immutable String
- String Comparison
- String Concatenation
- Substring
- Methods of String class
- StringBuffer class
- StringBuilder class
- Creating Immutable class toString method
- static variable method and block
- Inheritance
- Method Overriding
- super keyword
- Instance Initializer block
- final keyword
- Runtime Polymorphism
- Abstract class
- Interface
- Package and Access Modifiers
- Encapsulation
- Object class



Object Cloning

Exception Handling

Exception Handling: What and Why?

try and catch block

Multiple catch block

Nested try

finally block

throw keyword

Exception Propagation throws keyword

Exception Handling with Method Overriding

Custom Exception

Multithreading

Multithreading: What and Why?

Life Cycle of a Thread

Creating Thread

Thread Scheduler

Sleeping a thread
 Joining a thread

Thread Priority

Daemon Thread

Thread Pooling

Thread Group

Performing multiple task by multiple thread



Garbage Collection

Runnable

Synchronization

Synchronization: What and Why?

synchronized method

synchronized block

Advance Java Syllabus

Study of Lange Package:

Primitive Wrappers

Number class

The System Class

The Object Class

The "Class" Class

Process and Runtime Class

Math class

Generic Class:

Concept Place Holder

Generic Method

Generic Constructor

Wildcards in java Generics

Upper bounded Wildcards

Lower bounded Wildcards

Unbounded Wildcards

Concept of Boxing and Auto boxing

Concept of Unbo^xing and Auto Unboxing

Collection Framework:

- Collection Interface
- List interface
- Set interface
- SortedSet interface
- ArrayList and LinkedList Class
- HashSet and TreeSet class
- Map interface
- SortedMap interface
- HashMap and TreeMap class
- Vector class

Study of io Package:

- Byte Stream
- Character Stream
- BufferedInputStream and BufferedOutputStream
- FileInputStream and FileOutputStream
- DataInputStream and DataOutputStream
- The PrintStream Class
- BufferedReader and BufferedWriter class
- FileReader and FileWriter class
- InputStreamReader and OutputStreamWriter
- PrintWriter
- File read and write operations
- Serialization in Java

Frontend Development using HTML and CSS:

- HTML-Basic Formatting Tags
- HTML Formatting Tags



- HTML Headings
- HTML List
- HTML Images
- HTML Hyperlinks
- HTML Tables
- HTML Forms
- HTML Input tag

CSS:

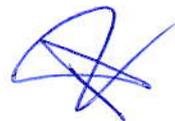
- CSS Introduction
- Why CSS
- ID in CSS
- Class in CSS
- Color background Cursor
- CSS Font properties
- CSS Floats

Inline CSS

- Internal CSS
- External CSS

SQL:

- Introduction to SQL
- Data types



- Concept of Keys in SQL
- Tools used for SQL
- Installation of MYSQL and SQLYog
- DDL - Create, Alter and Drop
- DML - Insert, Update and
Delete

- DCL - Grant, Revoke
- TCL - Commit and Rollback
- DRL/DQL - Select query
- Where clause in SQL
- Data sorting using order by
- Aggregate functions
- Math operations in queries
- Joins
- Concept of View
- Backup and restore databases

JDBC:

- JDBC ODBC Bridge Driver
- Native API Drivers
- Network Protocol Drivers
- Thin Drivers
 - The sql package
- Connection Interface
- Statement Interface



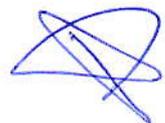
- ResultSet Interface
- DriverManager class
- SQLException
- Loading of the driver
- Manage or get connections
- Query execution using statement
- Getting results of sql query in java
- Close Connection for security
- Difference between executeQuery and executeUpdate method
- CreateStatement and PreparedStatement

Swing Application Development:

- Introduction to Swing
- JWindow
- JFrame
- JPanel
- JTextField
- JPasswordField
- JLabel
- JTextArea
- Other important components
- Demo Application
- Database connectivity in swing application
- Project using swing application

Introduction to XML:

- Difference between HTML and XML



Use of XML

XML Elements

XML Attributes

Web Application Development using Servlet and JSP:

Introduction to Servlet

Introduction to Server

The client Server Architecture

Servlet internal working mechanism

Ways to create servlets

Servlet Interface

GenericServlet Class

HttpServlet class

doGet and doPost Methods

redirect method and forward method

Database Connectivity in Servlet

Demo Application using servlet

Session Management

URL Rewriting

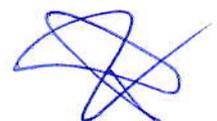
Hidden Textfields

Cookies management

HttpSession Interface

Introduction to JSP

Scriptlet Tags



- JSP Request
- JSP Response
- JSP Session
- JSP page object
- Session Invalidation

Web Application Development using MVC:

- Introduction to MVC
- How to work with MVC (Model View and Controller)
- Working with DTO and DAO
- Using Collection Framework in Web application
- A live working project



Copy of sample certificate



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S.No	Enrollment No	Name	Total/Date
1	0818CSI91001	AARTIBHAWAR	40
2	0818CSI91002	ABHJEET SINGH	42
3	0818CSI91003	ADARSH YADUWANSHI	38
4	0818CSI91004	ADITI CHOURASIA	39
5	0818CSI91005	ADITYA KU. PANDEY	39
6	0818CSI91006	ADMAN QURESHI	40
7	0818CSI91007	AJEET JAT	38
8	0818CSI91008	AJEET SINGH CHOUHAN	41
9	0818CSI91009	AKSHAT UDEENIYA	42
10	0818CSI91010	AMAN GUPTA	38
11	0818CSI91011	AMAN KUMAR	37
12	0818CSI91012	AMAN MALVIYA	40
13	0818CSI91013	AMAN NIGAM	39
14	0818CSI91014	AMAN SINGH CHAUHAN	39
15	0818CSI91015	AMAN SINGH TAWAR	42
16	0818CSI91016	ANUL SEIHI	38
17	0818CSI91017	ANAMIKA PATEL	39
18	0818CSI91018	ANAND SINGH MEHRA	37
19	0818CSI91019	ANANT RAJ VERMA	40
20	0818CSI91020	ANANYA PANDEY	38
21	0818CSI91021	ANIRUDH MUKATI	40
22	0818CSI91022	ANJALI MUKATI	38
23	0818CSI91023	ANKIT KATHAYAT	41
24	0818CSI91024	ANKIT KUMAR SAKET	42
25	0818CSI91025	ANKIT YADAV	39
26	0818CSI91026	ANKITA SONI	37
27	0818CSI91027	ANSHIKA GUPTA	40
28	0818CSI91028	ANSHIKA NEMA	39
29	0818CSI91029	ANSHUL CHOUBEY	40
30	0818CSI91030	ANUJ JOSHI	42
31	0818CSI91031	ANURAG MISHRA	39
32	0818CSI91032	ARJAV JAIN	37
33	0818CSI91033	ATHARAV SINGH RAJPUT	45
34	0818CSI91034	AVADHESH YADAV	35
35	0818CSI91035	AYUREE THAKUR	45
36	0818CSI91036	AYUSH DWIVEDI	39

DATE: 03rd Feb, 2022

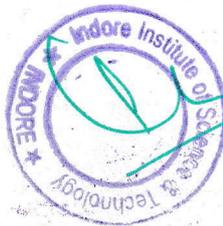
Approval Letter

Department of Electronics & Communication Engineering interested to organize 40 hrs. Training On Data Structure & Algorithms Using C from 17th Feb 2022.

Kindly approve for organizing the Internship cum Training in the department.

Proposal enclosed herewith.


HOD ECE



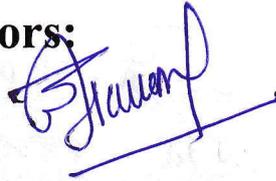
DATE: 10th Feb, 2022

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize 40 hrs. Training on Data Structure & Algorithm using C Module-II conducted by IIST Electronics & Communication from 17th Feb 2022. All the students of III Year will have to participate actively in this event so that you will get benefits from that event.

Faculty Coordinators:

Mr. Shravan Namdeo



So, I invite all the interested Students to attend/participate in the Training and get the advantages.

HOD ECE





Indore Institute of Science & Technology

Affiliated to - RGPV(Bhopal) & Approved by - AICTE(New Delhi)



Department of Electronics & Communication

TRAINING on Data Structure & Algorithms Using C

In association with
Programming World

Module-II

40 Hrs training for III year

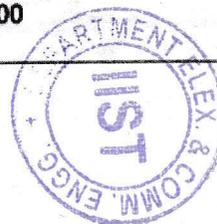
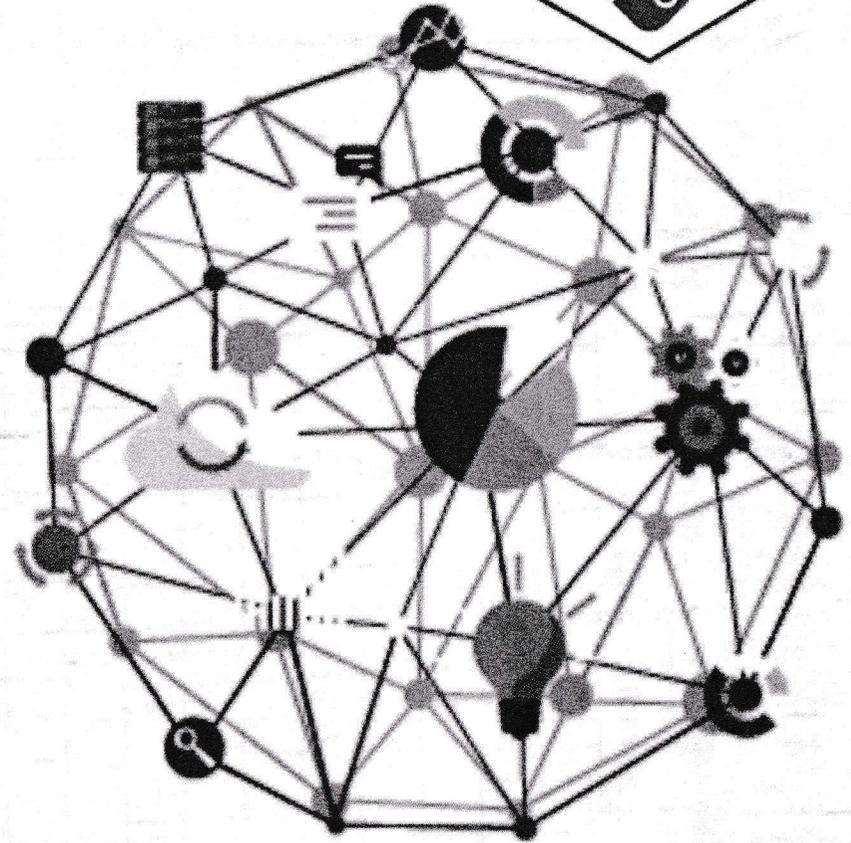
From: 17th Feb. 2022

Resource Person:
Mr. Pankaj Wadhvani

Coordinator
Mr. Shravan Namdeo

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)

Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000



INDORE INSTITUTE OF SCIENCE TECHNOLOGY, INDORE
DEPARTMENT OF ELECTRONICS COMMUNICATION ENGINEERING

Training On
Data Structure & Algorithm Using C
FOR SESSION JAN-JUNE 2022

Course Details	
Course Name	Training on Data Structure and Algorithm Using C
Eligible Students for course	ECE, Batch 2019-23
Date & Time	17-02-2022 to 16-04-2022
Software download link	onlinedb.com , Turbo C
If applicable play store link	NA
Pre-requisties	No Pre-requeisties
Setup Required	onlinedb.com , Turbo C
Assessment of Course	In the end Quiz test will be conducted
Resource Person	Mr. Atul Singh Kushwah , Ms. Neha Choudhary and Mr. Arpita Tiwari

Course Objective
students will be able to develop logics which will help them to create programs , applications in c
Also by learning the basic programming construts they can easily switch over to any other languaage in future

Course Outline
A detailed study of basic strucure commonly used in data processing
Implementation and application of basic data structure
Acomparative study of different sorting and searching techniueqs

Course Outcome
Understanding of fundamental data structure and use them in implementation of abstract data type . Basic algorithmum complexity
Ability to perform simple inductive proofs and proofs by contradiction and reason about program correctness and invariants
Ability to sensibly select appropriate data structure and algorithms for problems and to justify that choice



INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Training Program for Session Jan-June 2022

Training on Data Structure & Algorithms Using C

List Of Participant

SN	ENROLLMENT	NAME
1	0818CM191004	AMAN RATHORE
2	0818EC191001	AAYUSH SHARMA
3	0818EC191002	AAYUSHI GURJAR
4	0818EC191003	ABHAY SINGH LODHI
5	0818EC191004	ABHISHEK KHATIK
6	0818EC191005	ABHISHEK PATIDAR
7	0818EC191006	ABHISHEK SHARMA
8	0818EC191007	ADITYA MEDATWAL
9	0818EC191008	AKSHAY TIWARI
10	0818EC191010	ANJALI SHARMA
11	0818EC191011	ANUJ PRATAP BHADORIYA
12	0818EC191012	ANUJ KARMA
13	0818EC191013	ARPIT KUMAR SARATHE
14	0818EC191014	BHARAT YADAV
15	0818EC191015	CHETAN PATEL
16	0818EC191016	DEEPAK SURYAWANSHI
17	0818EC191018	GOURAV PATIDAR
18	0818EC191020	HIMANSHU SAJANKAR
19	0818EC191021	JAIDEV YADAV
20	0818EC191022	JAYA CHANDRAVANSHI
21	0818EC191023	LIPIKA DEBNATH
22	0818EC191024	Nurendra Malvi
23	0818EC191025	PRANSHU SINGH
24	0818EC191026	RAHUL ALATRE
25	0818EC191027	ROHIT KUMAR
26	0818EC191028	ROSHANI SEN
27	0818EC191029	SANDESH KALE
28	0818EC191030	TANISHA CHAWADA
29	0818EC191031	TEJASVI MATHANKAR
30	0818EC203D01	ALKA YADAV



A. Chauhan
Co-ordinator





GPS Map Camera



Indore, Madhya Pradesh, India

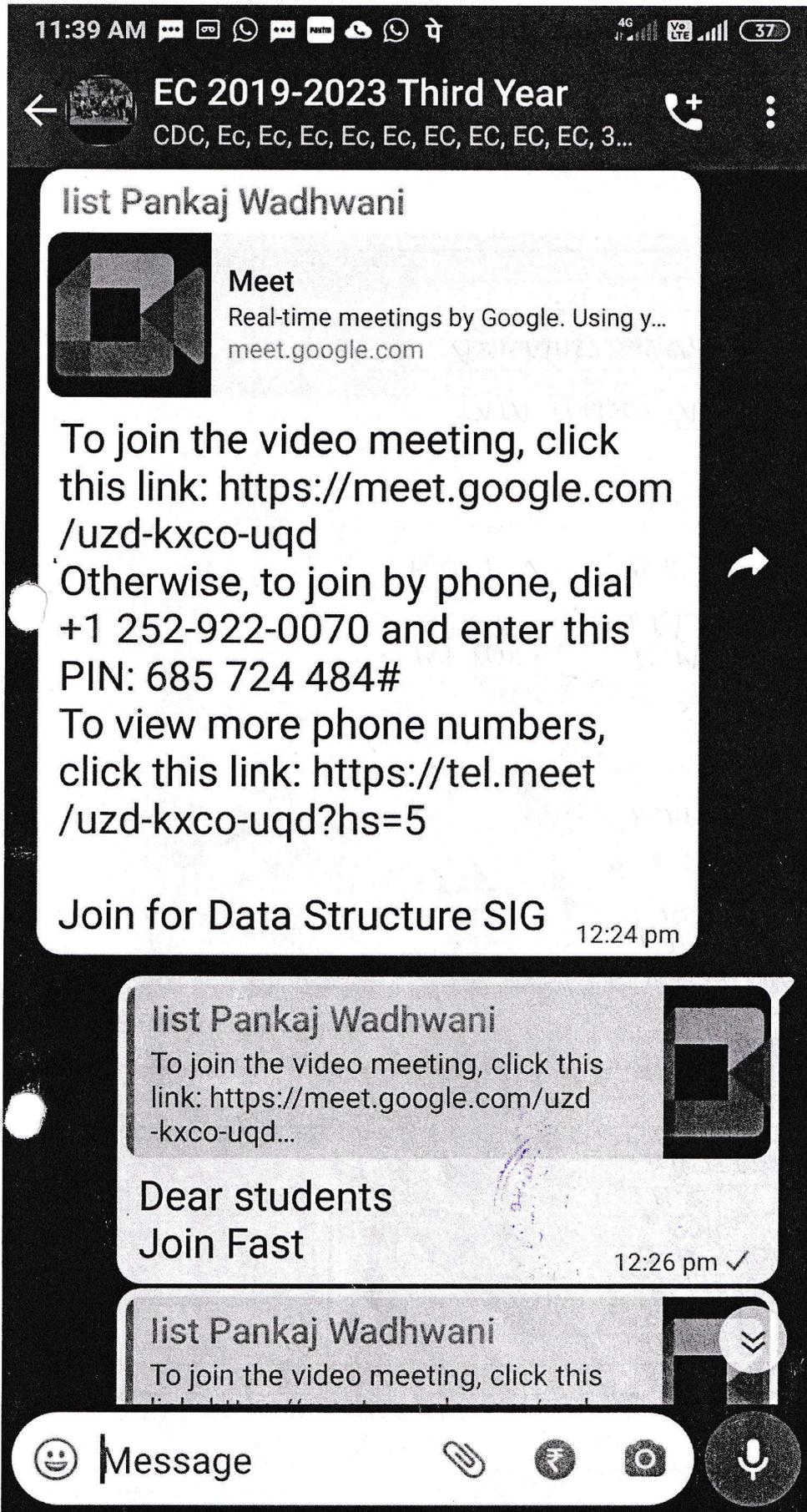
JQHJ+M8F, Indore, Madhya Pradesh

453332, India

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Long 75.780886°

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[Handwritten Signature]
 Co-ordinator

Training On Data Structure and Algorithms Using C

19 responses

Publish analytics



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Coordinator.



Name of Students

19 responses

Arpit kumar sarathe

Aayushi Gurjar

Abhay singh lodhi

Tanisha Chawada

Lipika Debnath

Anjali Sharma

Jaya chandravanshi

Akshay Tiwari

Bharat

Aditya medatwal

ABHISHEK KHATIK

Himanshu sajankar

Sandesh Kale

Abhishek Patidar

Gourav patidar

Rohit kumar

Anuj karma

Aman Rathore

Rahul Alatre



Aman Rathore
Coordinator



Enrollment Number

19 responses

0818EC191013

0818EC191002

0818ec191003

0818EC191030

0818EC191023

0818EC191010

0818EC191022

0818EC191008

0818EC191014

0818ec191007

0818EC191004

0818Ec191020

0818EC191029

0818EC191005

0818EC191018

0818EC191027

0818EC191012

0818CM191004

0818EC191026



Jawanf
Coordinator

Question 1

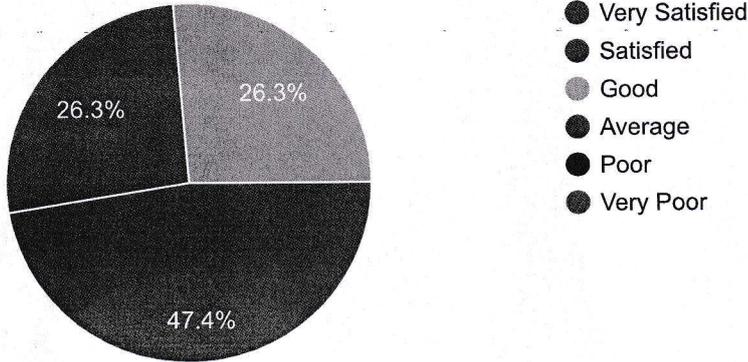


Question 4

4. The workshop/training/seminar/course/Internship has met the stated objectives fully.

 Copy

19 responses

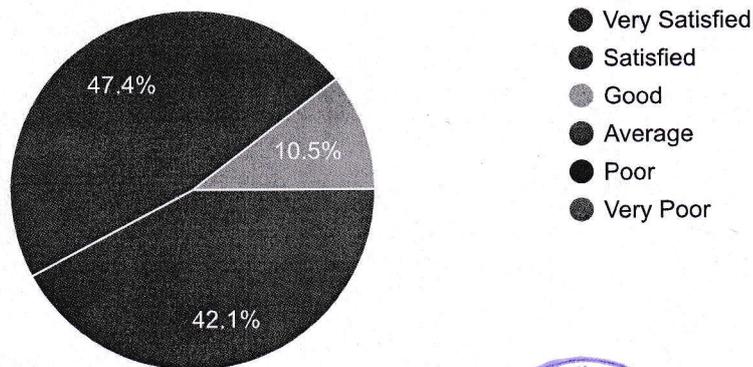


Question 5

5. I would be interested in attending a follow-up, more advanced workshop/Internship on this same subject

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19 responses



Question 6



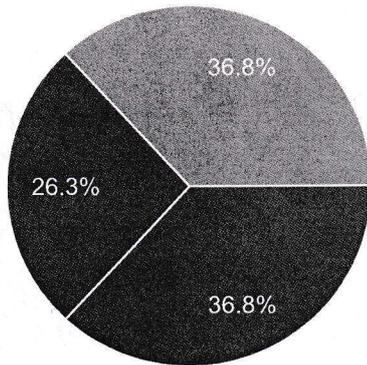
Shanmug
Coordinator



6. How would you rate hands-on practical session of the workshop/Internship?



19 responses



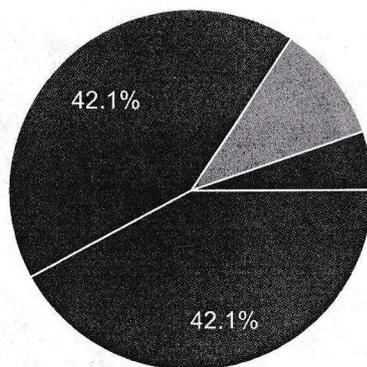
- Very Satisfied
- Satisfied
- Good
- Average
- Poor
- Very Poor

Question 7

7. Is this workshop/Internship helpful for academic/competitive growth?



19 responses



- Very Satisfied
- Satisfied
- Good
- Average
- Poor
- Very Poor

Question 8



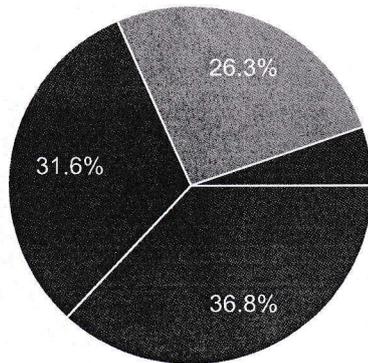
Shivam
Coordinator



8. Is this workshop helpful for making your minor/major/competition projects?



19 responses



- Very Satisfied
- Satisfied
- Good
- Average
- Poor
- Very Poor

Question 9

9. Any other remarks

5 responses

One more Sig on dsa which cover advanced topic of dsa

One more time if intership will held Data structures

Also provide practices shit

No

9

Suggestions for improvement Q1

Reason for choosing Average/Poor/Very Poor for Q1 and your suggestions for improvement.

0 responses

No responses yet for this question.



Suggestions for improvement Q2

Signature
Coordinator



Reason for choosing Average/Poor/Very Poor for Q2 and your suggestions for improvement.

0 responses

No responses yet for this question.

Suggestions for improvement Q3

Reason for choosing Average/Poor/Very Poor for Q3 and your suggestions for improvement.

2 responses

this training covered only basic type of data structures but the advanced data structure (like bit manipulation, segment tree) are not covered. in this we just implement concept but not doing conceptual question whose submission is based on time space complexity

course not completed as topic wise & in series

Suggestions for improvement Q4

Reason for choosing Average/Poor/Very Poor for Q4 and your suggestions for improvement.

0 responses

No responses yet for this question.

Suggestions for improvement Q5

Reason for choosing Average/Poor/Very Poor for Q5 and your suggestions for improvement.

0 responses

No responses yet for this question.



Suggestions for improvement Q6

Reason for choosing Average/Poor/Very Poor for Q6 and your suggestions for improvement.

0 responses

No responses yet for this question.



Suggestions for improvement Q7

DATE:25/02/2022

Report

Department of Electronics and Communication Engineering Successfully complete Training on Data Structure & Algorithm Using C from 17th to 24th Feb, 2022 and 30 students successfully participate and Completed Training Program.

Learning Outcomes

1. Understanding of fundamental Data Structures.
2. Ability to program data structures and use them in implementations of abstract data types.
3. Understanding of basic algorithmic complexity.
4. Ability to estimate the algorithmic complexity of simple, non-recursive programs
5. Ability to perform simple inductive proofs and proofs by contradiction and reason about program correctness and invariants.
6. Ability to sensibly select appropriate data structures and algorithms for problems and to justify that choice.



Coordinator


DATE: 28th March, 2022

Approval Letter

Department of Electronics & Communication Engineering interested to organize 40 hrs. Training on Logic Building & Core Programming, Algorithms & Data Structure using C from 11th April 2022.

Kindly approve for organizing the Training in the department.

Proposal enclosed herewith.



HOD ECE



DATE: 04th April, 2022

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize 40 hrs. Training on Logic Building & Core Programming , Algorithm & Data Structure using C Module-I conducted by IIST Electronics & Communication from 11th April 2022. All the students of II Year will have to participate actively in this event so that you will get benefits from that event.

Faculty Coordinators:

Mr. Devendra Singh Mandloi

Dr. Mukesh Patidar

Mr. Pranav Paranjpe

So, I invite all the interested Students to attend/participate in the Training and get the advantages.

HOD ECE



Co-ordinators.

- 1) Pranav Paranjpe 
- 2) Dr. Mukesh Patidar 
- 3) Mr. Devendra Singh Mandloi 



Department of Electronics & Communication

TRAINING

on

Logic Building & Core Programming, Algorithms & Data Structures using C

In association with
Programming World

Module-I

40 Hrs training for II year

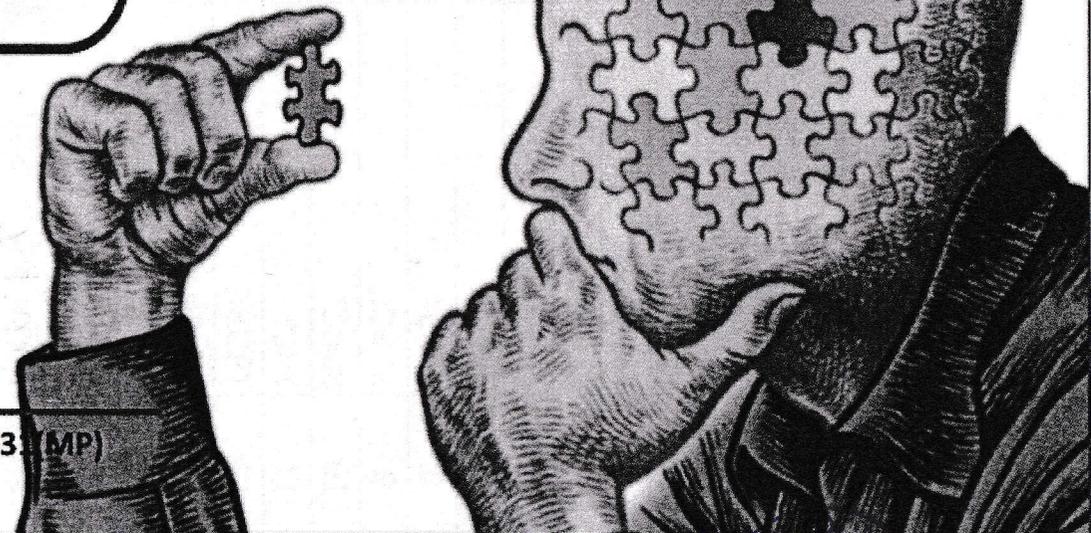
From: 11th April, 2022

Resource Person:
Mr. Pankaj Wadhvani

Coordinators
Mr. Devendra S. Mandloi
Dr. Mukesh Patidar
Mr. Pranav Paranjpe

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 45333 (MP)

Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000

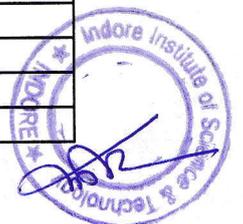


CO-ordinators 1) Pranav Paranjpe -  2) Mukesh Patidar - 
3) Mr. Devendra Singh Mandloi - 



INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY		
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING		
Internship cum Training for Session Jan -June 2022		
Internship cum Training on Logical Building and Core Programming, Algorithms & Data Structures Using C		
List of participate BTech Batch 2020-2024		
SN	ENROLLMENT	NAME
1	0818EC201001	AADITYA PAWAR
2	0818EC201002	AASHUTOSH SHARMA
3	0818EC201003	ABHAY NETAWAT
4	0818EC201004	ABHISHEK PATIDAR
5	0818EC201005	AKCSHAT YADAV
6	0818EC201006	AMAN BHARDWAJ
7	0818EC201007	AMAN KUMAR
8	0818EC201008	AMIT SONI
9	0818EC201009	AMIT TIWARI
10	0818EC201011	ANAND VERMA
11	0818EC201012	ANJALI PATIL
12	0818EC201013	ANUPAM ALERIYA
13	0818ec201014	ANURAG THAKUR
14	0818EC201015	ASHISH RAGHUVANSHI
15	0818EC201016	ATHARV VYAS
16	0818EC201017	AYUSH MALVIYA
17	0818EC201018	AYUSH SONI
18	0818EC201019	DIPANSHU PATIDAR
19	0818EC201020	DIPESH WAGHE
20	0818EC201021	DIVYANSHU BHATI
21	0818EC201022	GAUTAM DAHALE
22	0818EC201023	GAUTAM PAWAR
23	0818EC201024	GITESH AHIRWAR
24	0818EC201025	GOUTAM SHIVDE
25	0818EC201026	HRITHIK VERMA
26	0818EC201028	JAY PANDEY
27	0818EC201029	KHUSHBOO MALVIYA
28	0818ec201030	KULDEEP SOLANKI
29	0818ec201031	NAINA VARMA
30	0818ec201032	NAMAN DESHMUKH
31	0818EC201033	NANDINI SONI
32	0818EC201034	NEERAJ PATIL
33	0818EC201035	NIKITA TOMAR
34	0818EC201036	NIKUNJ GIRI GOSWAMI
35	0818EC201038	PRAKHAR SOLANKI
36	0818EC201039	PRIYA SHARMA
37	0818EC201040	RAHUL THAKUR
38	0818EC201041	RASHIKA DIWEKAR
39	0818EC201042	RITIKA DIWEKAR
40	0818EC201044	SHABINA KHAN
41	0818EC201045	SHARAD PRATAP SINGH BAIS
42	0818EC201047	SIDDHARTH RATHORE

Coordinator ① ✓
 ② ✓
 ③ ✓



43	0818ec201048	SIMRAN RAJPUT
44	0818EC201049	SOMESH SHARMA
45	0818EC201050	SURAJ ((LAXMAN)
46	0818EC201051	TANISHA SINGHAI
47	0818EC201052	TANMAY SONI
48	0818EC201053	VAIBHAV SONGARA
49	0818EC201054	VAIDIK SONI
50	0818EC201055	VEDANT BORIWAR
51	0818EC201057	VISHAL KAUSHAL
52	0818EC201058	YASH RAGHUVANSHI
53	0818EC201059	YOGITA PATEL
54	0818EC213D02	RUDRKSH PATIL
55	0818EC213D03	SACHIN KOCHLE
56	0818EC213D04	SHREYA KUMARI
57	0818EC213D05	SONTKKE RENUKA SATISH
58	0818EC213D06	SONU SURYVNSHI

① ✓
 ② ✓
 ③ ✓



INDIAN INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Internship cum Training for Session Jan -June 2022

Internship cum Training on Logical Building and Core Programming, Algorithms & Data Structures Using C

ATTENDANCE SHEET B.Tech Second Year

S.NO	ENROLLMENT	NAME	11-04-22	18-04-22	20-04-22	21-04-22	22-04-22	25-04-22	27-04-22	28-04-22	29-04-22	2/5/2022	4/5/2022	5/5/2022	6/5/2022	7/5/2022	11/5/2022	12/5/2022
1	0818EC201001	AADITYA PAWAR	A	A	A	P	P	A	P	P	P	P	A	P	P	P	P	A
2	0818EC201002	AASHUTOSH SHARMA	P	P	P	P	P	P	P	P	A	A	A	P	P	P	A	A
3	0818EC201003	ABHAY NETAWAT	A	P	A	A	P	P	A	P	A	A	A	A	A	P	A	P
4	0818EC201004	ABHISHEK PATIDAR	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5	0818EC201005	AKCSHAT YADAV	A	A	A	A	A	A	P	A	A	P	A	A	A	A	A	A
6	0818EC201006	AMAN BHARDWAJ	P	A	A	P	P	A	P	A	P	A	A	A	A	P	P	A
7	0818EC201007	AMAN KUMAR	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P
8	0818EC201008	AMIT SONI	A	P	A	A	A	A	A	A	A	P	A	A	A	A	A	A
9	0818EC201009	AMIT TIWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	0818EC201011	ANAND VERMA	P	P	P	A	A	P	P	A	A	P	A	P	A	P	P	A
11	0818EC201012	ANJALI PATIL	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
12	0818EC201013	ANUPAM ALERIYA	P	P	P	A	P	P	P	P	A	A	P	P	A	P	P	P
13	0818ec201014	ANURAG THAKUR	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
14	0818EC201015	ASHISH RAGHUVANSHI	P	P	A	P	P	P	P	P	A	A	A	A	A	P	P	P
15	0818EC201016	ATHARV VYAS	P	A	P	P	P	P	P	A	A	P	A	A	A	P	A	A
16	0818EC201017	AYUSH MALVIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	0818EC201018	AYUSH SONI	A	P	P	P	P	A	A	P	P	P	P	P	A	A	P	A
18	0818EC201019	DIPANSHU PATIDAR	A	P	P	P	P	A	A	P	A	A	A	A	A	A	P	A
19	0818EC201020	DIPESH WAGHE	P	P	P	A	P	P	P	A	A	P	A	A	A	P	A	A
20	0818EC201021	DIVYANSHU BHATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	0818EC201022	GAUTAM DAHALE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
22	0818EC201023	GAUTAM PAWAR	P	P	A	A	P	P	A	A	A	P	A	A	A	A	P	A
23	0818EC201024	GITESH AHIRWAR	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
24	0818EC201025	GOUTAM SHIVDE	A	P	P	A	P	P	A	P	A	P	A	P	A	A	P	P
25	0818EC201026	HRITHIK VERMA	P	P	P	A	P	P	P	A	P	P	A	A	A	A	A	A
26	0818EC201028	JAY PANDEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	0818EC201029	KHUSHBOO MALVIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	0818ec201030	KULDEEP SOLANKI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	0818ec201031	NAINA VARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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30	0818ec201032	NAMAN DESHMUKH	P	A		A	A	A	A	A	A	A	A	A	A	A	A	A
31	0818EC201033	NANDINI SONI	P	A	P	P	A	P	P	P	P	A	P	P	P	P	A	P
32	0818EC201034	NEERAJ PATIL	A	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P
33	0818EC201035	NIKITA TOMAR	P	P	A	P	A	P	A	P	P	P	A	P	P	P	P	A
34	0818EC201036	NIKUNJ GIRI GOSWAMI	P	P	P	P	P	P	P	P	P	A	A	P	A	A	A	A
35	0818EC201038	PRAKHAR SOLANKI	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	0818EC201039	PRIYA SHARMA	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A
37	0818EC201040	RAHUL THAKUR	P	A	A	A	P	P	P	P	A	P	P	P	P	P	P	A
38	0818EC201041	RASHIKA DIWEKAR	P	P	P	P	A	P	A	A	P	P	P	P	P	P	P	P
39	0818EC201042	RITIKA DIWEKAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
40	0818EC201044	SHABINA KHAN	P	P	P	P	P	P	P	P	A	P	P	P	A	A	A	P
41	0818EC201045	SHARAD PRATAP SINGH BAIS	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A
42	0818EC201047	SIDDHARTH RATHORE	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	P
43	0818ec201048	SIMRAN RAJPUT	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
44	0818EC201049	SOMESH SHARMA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
45	0818EC201050	SURAJ ((LAXMAN)	A	A	P	A	A	A	A	A	P	P	A	A	A	A	A	A
46	0818EC201051	TANISHA SINGHAI	P	A	A	A	P	P	P	P	P	A	A	P	P	P	P	P
47	0818EC201052	TANMAY SONI	P	P	P	P	A	A	A	P	P	A	A	A	A	P	A	P
48	0818EC201053	VAIBHAV SONGARA	A	A	A	A	A	A	A	A	A	P	A	A	A	A	A	A
49	0818EC201054	VAIDIK SONI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
50	0818EC201055	VEDANT BORIWAR	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A	A
51	0818EC201057	VISHAL KAUSHAL	A	A	P	A	P	A	A	P	A	A	A	A	P	P	A	A
52	0818EC201058	YASH RAGHUVANSHI	P	A	A	P	A	A	A	A	A	A	A	A	A	A	A	A
53	0818EC201059	YOGITA PATEL	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A	A
54	0818EC213D02	RUDRKSH PTIL	P	A	P	P	A	P	A	A	A	P	A	A	A	A	A	A
55	0818EC213D03	SCHIN KOCHLE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A
56	0818EC213D04	SHREY KUMRI	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	0818EC213D05	SONTKKE RENUK STISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	0818EC213D06	SONU SURYVNSHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
TOTAL PRESENT			44	39	41	38	40	42	39	39	30	35	27	35	29	39	33	29
TOTAL ABSENT			14	19	17	20	18	16	19	19	28	22	30	23	29	19	25	29

Coordinators:

- 1) Mr. Devendra S Mandloi
- 2) Dr. Mukesh Patidar
- 3) Mr. Parnav Paranjpe



```
1 // ...
2
3 void main()
4 {
5     int a=10,b=20,c;
6     c = a + b;
7     printf("%d\n",c);
8 }
9
10
11
12
```

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GPS Map Camera

Technology...

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Indore, Madhya Pradesh, India

JQHJ+M8F, Indore, Madhya Pradesh

453332, India

Lat 22.629342°

Long 75.78083°

Indore Institute of Science and Technology Indore

Electronics and Communication Department

Logic Building & Core Programming Algorithms & Data Structure Using C

15 Days Internship Cum Training Program was conducted at Indore institute of Science and technology, Indore on “Logic Building & Core Programming Algorithms & Data Structure Using C” Module I from 11 April to 12 May 2022. Department of Electronics and Communication Engineering organized this event, Mr. Pankaj Wadhvani sir has resources person of this event. 58 students from Second Year EC branch (Batch 2020-2024) participate in this Event.

Course Outcome

- Students are able to express their creativity using coding and technology.
- After the Completion of this course. The students will be able to develop Application.
- Understanding a functional hierarchical code organization.
- Ability to define and manage data structure based on problem subject domain.

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② ✓
③ ✓



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