

K.S. INSTITUTE OF TECHNOLOGY

BRIDGE COURSE DETAILS FOR THE YEAR 2019-2020

CSE:

C++ Bridge Course, 18CS45, 4TH SEM

Report on C++ Bridge Course

Course: 18CS45

SEM: 4

SEC: A&B, Strength: 69,72

Venue: Room Nos.: 206 & 207 Old Block

Duration: 1.5 hrs/day

The following topics were covered in the bridge course as a prerequisite for learning Core Java in current semester and Advanced Java in coming semester

SL.NO.	TOPICS	DATE	NUMBER OF STUDENTS PRESENT
1	<ul style="list-style-type: none">• Introduction• What is C++?• Object-Oriented Programming (OOPs)• Applications of C++• Difference Between C & C++	11/2,11/2	51,55
2	<ul style="list-style-type: none">• C++ Features• Simple C++ Programs• C++ Basic Input/Output• I/O Library Header Files• Standard output stream (cout)	12/2,12/2	69,61
3	<ul style="list-style-type: none">• Standard input stream (cin)• Standard end line (endl)• C++ Variable• Syntax to declare a variable• Rules for defining variables	13/2,13/2	69,38
4	<ul style="list-style-type: none">• C++ Data Types• Basic Data Types• C++ Keywords• C++ Operators• Precedence & Associativity of Operators in C++	14/2,15/2	69,32
5	<ul style="list-style-type: none">• C++ Control Statement• C++ Functions• Types of Functions• Declaration of a function• Call by value and Call by reference in C++	18/2,17/2	69,69

6	<ul style="list-style-type: none"> • Difference between call by value and call by reference in C++ • C++ Recursion • C++ Storage Classes • C++ Arrays • C++ Pointers 	19/2,18/2	69,69
7	<ul style="list-style-type: none"> • Advantage of C++ Pointer(s) • Usage of pointer • C++ OOPs Concepts • OOPs (Object Oriented Programming System) • Advantage of OOPs over Procedure-oriented programming language • 	25/2,19/2	67,68
8	<ul style="list-style-type: none"> • C++ Class and Object • C++ Constructor • Types of Constructors • C++ Destructor • C++ this Pointer 	26/2,25/2	35,47
9	<ul style="list-style-type: none"> • C++ static • Advantage of C++ static keyword • C++ Structures • Structure v/s Class • C++ Inheritance 	27/2,26/2	64,48
10	<ul style="list-style-type: none"> • Advantage of C++ Inheritance • Types Of Inheritance • Access Specifiers • C++ Polymorphism • Types of Polymorphisms 	28/2,27/2	43,35
11	<ul style="list-style-type: none"> • C++ Overloading (Function only) • C++ Function Overriding • C++ virtual function 	3/3,2/3	62,28

C++ Bridge Course, 18CS45, 4TH SEM

PPTS

C++ Bridge Course

Sub./ Code: OOC/ 18CS45

ACADEMIC YEAR 2019-20

Branch: CSE

1/6/2020


Bridge Course on C++, CSE, 2019-20


1

Iterators

- As the name suggests, iterators are used for working upon a sequence of values. They are the major feature that allow generality in STL.
- Iterators

Staff & Course In-charge: HARSHAVARDHAN J.R


9/3/2020


13.3.2020

IV SEM A SEC STUDENTS

SL. NO.	USN	NAME OF THE STUDENT
1	1KS18CS001	ADARSH K
2	1KS18CS002	AMARAVATHI M
3	1KS18CS003	ANIKETH.H
4	1KS18CS005	ANUSHRUTI SINGH
5	1KS18CS006	ARUNA P
6	1KS18CS007	ASHWINI J
7	1KS18CS008	AVINASH PRASAD
8	1KS18CS009	B DEVA DEEKSHITH
9	1KS18CS010	BHAGWAT GOUTAM
10	1KS18CS012	BHOOMIKA H
11	1KS18CS013	BHUVANA CHANDRIKA GANTI
12	1KS18CS014	BRIJESH.S
13	1KS18CS015	CHAITHRA R
14	1KS18CS016	CHANDAN KUMAR
15	1KS18CS017	DANDU NIHARIKA
16	1KS18CS018	DHANANJAYA S
17	1KS18CS019	DHRUV JYOTI SHUKLA
18	1KS18CS020	FARIYA N
19	1KS18CS022	GAGANSURI M S
20	1KS18CS023	GANESH A
21	1KS18CS024	GOUTHAM M
22	1KS18CS025	GUNAL BINANI
23	1KS18CS026	HARSHITH C PRASAD
24	1KS18CS027	KANDIMALLA KRISHNA PAVITHRA
25	1KS18CS028	KARTHIK K
26	1KS18CS029	KAVITA CHAUDHARY
27	1KS18CS030	KENCHAM ARUN
28	1KS18CS031	KILARI ASHWIK
29	1KS18CS032	KILARI JASWANTH
30	1KS18CS033	KIRAN VEERANNA DAMBAL
31	1KS18CS034	KRITHIKA.K.N
32	1KS18CS035	KRUTHIKA.S.VASISHT
33	1KS18CS036	LEKKALA SHARANDEEP CHOWDARY
34	1KS18CS037	LATHA V
35	1KS18CS038	LAVANYA.C.R
36	1KS18CS039	LIKHITHA.N
37	1KS18CS040	LOKESH R
38	1KS18CS041	MADDULA JITENDRA
39	1KS18CS042	MADHUSUDHAN.S.R
40	1KS18CS043	MAHARAJ S
41	1KS18CS044	MAHESH B V
42	1KS18CS045	MANIKONDA THARUN
43	1KS18CS046	MANVITH P
44	1KS18CS047	MD SUJAN

45	1KS18CS049	MEGHASHREE A
46	1KS18CS050	MIKKIN K M
47	1KS18CS051	MONICA S
48	1KS18CS052	MONIKA.K.C
49	1KS18CS053	MOPURI SREELAKSHMI
50	1KS18CS054	N SAI JAHANAVI
51	1KS18CS055	NAGARJUN N
52	1KS18CS056	NANDINI J K
53	1KS18CS057	NARASIMHA MAIYA G S
54	1KS18CS058	NARASIMHARAJU R
55	1KS18CS059	NIKHIL.M
56	1KS18CS060	NIKHIL VASAN
57	1KS18CS061	NIKIL B S
58	1KS18CS062	NIKITHA M
59	1KS19CS400	AKSHAY.B.R
60	1KS19CS402	B.K.SUSMITHA
61	1KS19CS403	BHAVANI.K.G
62	1KS19CS405	CHAITRA.K
63	1KS19CS406	DHANALAKSHMI.B
64	1KS19CS407	GOLLA YASWANTH
65	1KS19CS408	KALPITHA.A.J
66	1KS19CS409	KARTHIK PRAKASH HUDEDAMANI
67	1KS19CS410	RAMYA.R
68	1KS19CS411	RANJITHA.H.D
69	1KS19CS412	RUSHI.C.S

IV SEM B SEC STUDENTS

SL. NO.	USN	NAME OF THE STUDENT
1	1KS18CS063	NITISH KUMAR.M.R
2	1KS18CS064	NOOR SUMAIYA
3	1KS18CS065	P SAI RAM
4	1KS18CS066	PAVAN P
5	1KS18CS067	POOJASHREE K
6	1KS18CS069	PRANAV M S
7	1KS18CS070	PRATEEK HAVALE
8	1KS18CS071	PRAVEEN KUMAR K
9	1KS18CS072	PREETHI K
10	1KS18CS073	PUJARI VISHNU PRIYA
11	1KS18CS074	PULLUR PAVAN KUMAR
12	1KS18CS075	R DEKSHITHA
13	1KS18CS076	R PRATIKSHA

14	1KS18CS077	RAMYA R
15	1KS18CS078	RAHUL.P
16	1KS18CS079	RAIPALLE SHREYAA
17	1KS18CS080	RAKSHA S
18	1KS18CS081	RAKSHITH KUMAR.N
19	1KS18CS082	REKHA N C
20	1KS18CS083	RITHANA.N.RAJ
21	1KS18CS084	RUBA ABDUL RAHMAN
22	1KS18CS086	SAMHITHA
23	1KS18CS087	SANDEEP KUMAR
24	1KS18CS088	SAURAV KUMAR
25	1KS18CS089	SAURAV S MAKAM
26	1KS18CS090	SHALINI S
27	1KS18CS091	SHASHANK G
28	1KS18CS092	SHASHANK MISHRA
29	1KS18CS093	SHIVANGI SRIVASTAVA
30	1KS18CS094	SHIVA PRAKASH T
31	1KS18CS095	SHUBHASHINI.R
32	1KS18CS096	SINDU A S
33	1KS18CS097	SOURABH SANTOSH KAMBLE
34	1KS18CS098	SRI CHANDANA P
35	1KS18CS099	SRIVIDYA H R
36	1KS18CS100	SUBRAMANYA N
37	1KS18CS101	SUDHAKAR YASWANTH
38	1KS18CS102	SUDHANSHU JOSHI
39	1KS18CS103	SUJAY G S
40	1KS18CS104	SUNAINA NAYAK
41	1KS18CS105	SURAJ C JAWOOR
42	1KS18CS106	SUSHMITHA S
43	1KS18CS107	SWETHA BIJANAPALLI
44	1KS18CS108	THAMMINENI HEMANTH CHOWDARY
45	1KS18CS109	THIRUMALAI SHAKTIVEL C
46	1KS18CS110	VAISHAK P
47	1KS18CS111	VARIDHI MADHURANATH
48	1KS18CS112	VEDAVEDYA B H
49	1KS18CS113	VEERA SREENIDHI.R
50	1KS18CS114	VENKATESH M N
51	1KS18CS115	VIJAY.N.S
52	1KS18CS116	VIJAYASHREE.N.R
53	1KS18CS117	VIJETHA
54	1KS18CS118	VIINOD H MALALI
55	1KS18CS119	VISHNUPRIYA D
56	1KS18CS120	VYJAYANTHI K S
57	1KS18CS121	YASHWANTH.K
58	1KS18CS122	YOGITA RAIKAR
59	1KS18CS123	ZAINA KHAN

60	1KS18CS124	SHEWANI CHIB
61	1KS17CS015	B R GAGAN
62	1KS18CS125	R SOUMYA
63	1KS18CS126	RAYYAAN MOHIADDIN
64	1KS18CS127	ARVIND PATHAK
65	1KS18CS128	BHAGYASHREE.V
66	1KS18CS129	BI BI AYESHA
67	1KS18CS130	LIKITHA.S
68	1KS18CS131	SHALINI.K.P
69	1KS19CS401	ARPITHA.G
70	1KS19CS404	BHAVYASHREE.R
71	1KS19CS413	SAHANA.V
72	1KS19CS414	Y.MRUDULA JAIN

FIRST YEAR:

K.S. INSTITUTE OF TECHNOLOGY, BENGALURU



ATTENDANCE FOR THE A.Y: 2019-20 EVEN SEMESTER

COURSE CODE: 18MATDIP41

NAME OF THE FACULTY: CHOWDAPPA.M.R

SL NO	USN	NAME OF THE STUDENT	Offline		Online																										
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
1	IKS19CS400	AKSHAY.B.R	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
2	IKS19CS401	ARPITHA.G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
3	IKS19CS402	B.K.SUSMITHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
4	IKS19CS403	BHAVANI.K.G	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
5	IKS19CS404	BHAVYASHREEER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
6	IKS19CS405	CHAITRAK	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
7	IKS19CS406	DHANALAKSHMIB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
8	IKS19CS407	GOLLA YASWANTH	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
9	IKS19CS408	KALPITHA.AJ	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
10	IKS19CS409	KARTHIK PRAKASH HUDEDAMANI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11	IKS19CS410	RAMYAR	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
12	IKS19CS411	RANJITHA.HD	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
13	IKS19CS412	RUSHI.C.S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14	IKS19CS413	SAHANA.V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15	IKS19CS414	Y.MRUDULA.IAIN	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
16	IKS19EC400	HEMANTHA.V	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
17	IKS19EC401	KARTHIK.B.P	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28



K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

K.S.I.T

ATTENDANCE FOR THE A.Y: 2019-20 EVEN SEMESTER

COURSE CODE: 18MATDIP41

NAME OF THE FACULTY: CHOWDAPPA.M.R

SL NO	USN	NAME OF THE STUDENT	Offline												Online																	
			14	14	22	22	6	6	27	27	3	3	17	17	24	24	8	8	15	15	22	22	29	29	5	5	12	12	19	19	26	26
1	IKS19CS400	AKSHAY.B.R	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
2	IKS19CS401	AREPITHA.G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
3	IKS19CS402	B.K.SUSMITHA	1	2	3	A	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	28	
4	IKS19CS403	BHAVANI.K.G	A	1	2	3	4	A	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	27	
5	IKS19CS404	BHAVYASHREE.R	1	2	3	4	5	6	7	8	9	A	10	A	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
6	IKS19CS405	CHAITRA.K	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	28
7	IKS19CS406	DHANALAKSHMI.B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	28	
8	IKS19CS407	GOLLA YASWANTH	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	A	24	25	26
9	IKS19CS408	KALPITHA.A.J	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	A	24	25	26	
10	IKS19CS409	KARTHIK PRAKASH HUDEDAMANI	1	2	3	4	5	6	A	7	8	9	10	11	12	13	A	14	A	15	16	17	18	19	20	A	21	22	23	24	25	26
11	IKS19CS410	RAMYAR	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	A	23	A	24	25	26
12	IKS19CS411	RANITHA.H.D	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27	
13	IKS19CS412	RUSHI.C.S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	A	22	23	24	25	26	27	28
14	IKS19CS413	SAHANA.V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	A	22	23	24	25	26	27	
15	IKS19CS414	Y.MRUDULA.JAIN	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	A	21	22	23	24	25	26	27
16	IKS19EC400	HEMANTHA.V	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	A	25	26	27
17	IKS19EC401	KARTHIK.B.P	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

20	B.K.SUSMITHA	1	2	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	A		
21	AKSHAY.B.R	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
22	RANJITHA.H.D	1	2	3	4	A	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	A	18	19	20
23	BHAVANI.K.G	1	2	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
24	KARTHIK PRAKASH	1	2	3	4	5	6	7	A	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
25	RUSHI.C.S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	A	18	19	20	
26	KALPITHA.A.J	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
27	DHANALAKSHMI.B	1	2	3	4	A	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	A		
28	RAMYAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
29	ARPITHA.G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
30	Y.MRUDULA JAIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
31	SAHANA.V	1	2	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
32	BHAVYASHREE.R	1	2	3	4	5	6	7	8	9	10	11	12	13	A	A	14	15	16	17	18	19	20	21	22	23		
Department of ECE																												
33	HEMANTHA V	1	2	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
34	KARTHIK B.P	1	2	3	4	A	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
35	KRISHNA PRASAD B	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
36	NAVEEN G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
37	PAVAN C N	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
38	PRUTHVI DINESH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
39	RAGHOTHAM C G	1	2	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
40	SADHANA M	1	2	3	4	5	6	A	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
41	SINDHU G	1	2	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	A		
42	VARSHA M S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
Signature of the Faculty																												

ECE:

K S Group of Institutions
Department of Electrical & Electronics Engineering/Electronics and Communication Engineering
Placement Training Program for 7th sem (ECE/EEE/TCE) KSIT/KSSEM

A Section

Date & Day	51 (8.40 am - 10.15 am)	Resource Person	52 (10.30 am - 12.00 pm)	Resource Person	12.00PM-12.45PM	53 (12.45 pm - 2.15 pm)	Resource Person	54 (2.30 pm - 4.00 pm)	Resource Person
13/8/2019 Tuesday	Programming languages C, C++, Java Structured vs. OO programming Comparison of Assembly lang. C, C++, Java	Mr. Pradeep K R	Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Mrs. Beena K		Implement content of S2 on computer.	Mr. Ugrasinda Channabekava	Discuss Arrays and Pointers Two example programs & Two exercises	Dr. Joy
14/8/2019 Wednesday	Implement content of Day 1, S4 on the computer. <i>Lab</i>	Dr. Joy-Shruti <i>Dr. Joy-Shruti</i>	Discuss Functions, Files. Compare with C++ based solutions. <i>Lab</i> Two examples & Four exercises	Dr. Joy-Shruti <i>Dr. Joy-Shruti</i>		Implement content of Day 2, S2 on the computer. <i>Lab</i>	Dr. Joy-Shruti <i>Dr. Joy-Shruti</i>	Implement content of Day 2, S2 on the computer. <i>Lab</i> DBMS SQL queries	Dr. Joy-Shruti <i>Dr. Joy-Shruti</i>
16/8/2019 Friday	Data Structures Basic Overview, Indexing, Complexity Analysis Recurrence Relation	Mrs. Ranjitha K N	Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	Dr. Vilavela K M M		DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	Dr. Dayanand B	DBMS SQL queries formation join, Select, sub queries Join-select vs select-join	Dr. Dayanand B
17/8/2019 Saturday	Computer Architecture Computing with switches, memory with buses Von Neumann Architecture Buses, Mecher's cycle, Read cycle Timing diagram, FF number representation, The CPU, Instruction fetch cycle, Control Unit, Pipelining, I/O, Interrupts	Dr. Joy <i>Dr. Joy</i>	Operating Systems Process management File systems, memory management Deadlocks and semaphores Inter process communication Permissions and ownership Access control	Dr. Sulthars <i>Dr. Sulthars</i>		Networking The challenges, why layers? Payload encapsulation, packetization, overview and comparison of TCP/IP vs ISO- OSI layers Comparison of TCP & UDP. Application layer, error handling.	Mr. Dinash	VLSI	Mrs. Shant <i>Mrs. Shant</i>
19/8/2019 Monday	Artificial Intelligence	Dr. Shashindra M. M. Prabhu	Machine Learning	Dr. Manju V C		TEST		Project Discussion	Dr. Joy <i>Dr. Joy</i>
20/8/2019 Tuesday	Project	HOD & Project Coordinators (EC & TC)	Project	HOD & Project Coordinators (EC & TC)		Project	HOD & Project Coordinators (EC & TC)	Summary and Review	Closure Input from all teachers

L U N C H B R E A K


Dr. Joy-Shruti
Dr. Manju V C
Dr. Joy

K S Group of Institutions
Department of Electrical & Electronics Engineering/ Electronics and Communication Engineering
Placement Training Program for 7th sem (ECE/EEE) KSEM / KSIT

B. Section

Date & Day	51 (8:40 am - 10:15 am)	Resource Person	52 (10:30 am - 12:00 pm)	Resource Person	12.00 PM- 12.45 PM	53 (12:45 pm - 2:15 pm)	Resource Person	54 (2:30 pm - 4:00 pm)	Resource Person
13/8/2019 Tuesday	Programming languages C++, Java Structured vs. OO programming Comparison of Assembly lang. C++, Java	Mrs. Mamatha	Implement content of S2 on computer.	Mr. Ujran and Channappa		Discuss Arrays and Pointers Two example programs & Two exercises	Dr. Joy	Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Mr. Santhosh Kumar K J
14/8/2019 Wednesday	Data Structures Basic Overview, Indexing Complexity Analysis Recurrence Relation	Mrs. Poonam	Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	Mrs. K V Shalini		DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	Mrs. Swathi	DBMS SQL queries formation Join, Select, sub queries Join-select vs select-join	Mr. Deepa K M D
16/8/2019 Friday	Implement content of Day 1, S4 on the computer.	Dr. Joy	Discuss Functions, Files. Compare with C++ based solutions. Two examples & Four exercises	Dr. Joy	L U N C H	Implement content of Day 2, S2 on the computer.	Dr. Joy	Implement content of Day 2, S2 on the computer.	Dr. Joy
17/8/2019 Saturday	Operating Systems Process management File systems, memory management Deadlocks and semaphores Inter process communication Permissions and ownership Access control	Mrs. Anitha	Computer Architecture Computing with switches, memory with fuses Von Neumann Architecture Buses, Machine cycle, Read cycle Timing diagram, IP number representation, The CPU, Instruction fetch cycle, Control Unit, Pipelining, I/O, Interrupts	Dr. Joy	B R E A K	Networking The challenges, why layers? Payload encapsulation, packetization, overview and comparison of TCP/IP vs ISO-OSI layers Comparison of TCP & UDP. Application layer, error handling.	Mr. Senthil Babu	VLSI	Mr. Praveer
19/8/2019 Monday	Machine Learning	Dr. Surekha	Artificial Intelligence	Dr. Shashi		TEST		Project Discussion	Dr. Joy
20/8/2019 Tuesday	Project	HOP	Project	HOP		Project	Hops	Summary & Review	Close Input

Handwritten notes:
 HOP & Project Summary
 10/10/19
 10/10/19
 Project Discussion
 10/10/19
 HOP & Project Summary
 10/10/19
 Project Discussion
 10/10/19

ECE	Trainer From KSSEM	Trainer From KSIT
Programming languages C++, Java	Pradeep K R	Mamatha R
Structured vs. OO programming Comparison of Assembly lang, C, C++, Java		
Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Santhosh Kumar J	Beena K
Implement content of S2 on computer.	Mr.Ugrananda Channabasava	Beena K
Discuss Arrays and Pointers Two example programs & Two exercises	Joy +	Joy +
Implement content of Day 1, S4 on the computer.	Joy+	Joy +
Discuss Functions, Files. Compare with C++ based solutions. Two examples & Four exercises	Joy+	Joy +
Implement content of Day 2, S2 on the computer.	Joy+	Joy +
Implement content of Day 2, S2 on the computer.	Joy+	Joy +
Data Structures Basic Overview, Indexing Complexity Analysis Recurrence Relation	Poonamsree S	Ranjitha K N
Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	K V Shalini	Vijayalakshmi M
DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	Swathi Darla	Dr. Dayananda R B
DBMS SQL queries formation Join, Select, sub queries Join-select vs select-join	Deepak M D	Dr. Dayananda R B
Computer Architecture Computing with switches, memory with buses Von Neumann Architecture Buses, Machine cycle, Read cycle Timing diagram, FP number representation, The CPU, Instruction Fetch cycle, Control Unit, Pipelining, I/O, Interrupts	Joy +	Joy +
Operating Systems Process management File systems, Memory management Deadlocks and semaphores Inter process Communication Permissions and ownership Access control	Anupama	Dr. Sudarshan
Networking The challenges, why layers? Load encapsulation, packetization, overview and comparison of TCP/IP vs ISO-OSI layers Comparison of TCP & UDP. Application layer, error handling.	Mr. Senthil Babu	Mr. Dinesh
	Shantala	Praveen 
	Dr. Shashindran M Prabhu	
		Dr. Surekha Borra, Dr. Manju V C

K S Group of Institutions
Department of Electrical & Electronics Engineering/Electronics and Communication Engineering
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Date & Day	S1 (8.40 am - 10.15 am)	Resource Person	S2 (10.30 am - 12.00 pm)	Resource Person	12.00P M-12.45P M	S3 (12.45 pm - 2.15 pm)	Resource Person	S4 (2.30 pm -4.00 pm)	Resource Person
9/9/2019 Monday	Programming languages C, C++, Java Structured vs. OO programming Comparison of Assembly lang. C, C++, Java	Mr. Pradeep K R	Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Mrs. Beena K	L U N C H B R E A K	Implement content of S2 on computer.	Mr. Ujjananda Channa basava	Discuss Arrays and Pointers Two example programs & Two exercises	Dr. Joy +
10/9/2019 Tuesday	Implement content of Day 1, S4 on the computer.	Dr. Joy+ (Bhargavi)	Discuss Functions, Files. Compare with C++ based solutions. Two examples & Four exercises	Dr. Joy+ (Bhargavi)	Implement content of Day 2, S2 on the computer.	Implement content of Day 2, S2 on the computer.	Dr. Joy+ (Bhargavi)	Implement content of Day 2, S2 on the computer.	Dr. Joy+ (Bhargavi)
11/9/2019 Wednesday	Data Structures Basic Overview, Indexing Complexity Analysis Recurrence Relation	Mrs. Rajitha K N	Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	Dr. Vijaya laxmi M	DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	DBMS SQL queries formation Join, Select, sub queries Join-select vs select-join	Dr. Daya nand R B	DBMS SQL queries formation Join, Select, sub queries Join-select vs select-join	Dr. Daya nand R B



Placement Training Program for 7th sem (ECE/EEE/TCE) KSIT/KSSEM

Date & Day	S1 (8.40 am - 10.15 am)	Resource Person	S2 (10.30 am - 12.00 pm)	Resource Person	12.00P M- 12.45P M	S3 (12.45 pm - 2.15 pm)	Resource Person	S4 (2.30 pm - 4.00 pm)	Resource Person
12/9/2019 Thursday	Computer Architecture Computing with switches, memory with fuses Von Neumann Architecture Buses, Machine cycle, Read cycle timing diagram, FP number representation, The CPU, Instruction fetch cycle, Control Unit, Pipelining, I/O, interrupts	Dr. Joy + 13	Operating Systems Process management File systems, memory management Deadlocks and semaphores Inter process communication Permissions and ownership Access control	Dr. Sudha rshan <i>Dr</i>	L U N C H B R E A K	Networking The challenges, why layers? Payload encapsulation, packetization, overview and comparison of TCP/IP vs ISO-OSI layers Comparison of TCP & UDP. Application layer, error handling.	Mr. Dine sh VLSI		Mrs. Sha nthala
13/9/2019 Friday	Artificial Intelligence	Dr. Shas hindra m M Prabhu	Machine Learning	Dr. Manj u V C		TEST		Project Discussion	Dr. Joy ?
14/9/2019 Saturday	Project	all teacher s	Project	all teacher s		Project		Summary and Review	Closure Input from all teachers

K S Group of Institutions
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Placement Training Program for 7th sem (ECE/EEE) KSIT/KSSEM

Date & Day	S1 (8.40 am - 10.15 am)	Resource Person	S2 (10.30 am - 12.00 pm)	Resource Person	12.00 PM- 12.45 PM	S3 (12.45 pm - 2.15 pm)	Resource Person	S4 (2.30 pm - 4.00 pm)	Resource Person
9/9/2019 Monday	Programming languages C, C++, Java Structured vs. OO programming Comparison of Assembly lang, C, C++, Java	Mrs. Matha	Implement content of S2 on computer.	Mr. Ugranda Channabasava	L U N C H	Discuss Arrays and Pointers Two example programs & Two exercises	Dr. Joy+	Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Mr. Santhosh Kumar K. J
10/9/2019 Tuesday	Data Structures Basic Overview, Indexing Complexity Analysis Recurrence Relation	Mrs. Poornima	Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	Mrs. K V Shalini	B R E A K	DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	Mrs. Swathi Darla	DBMS SQL queries Formation Join, Select, sub queries Join-select vs select-join	Mr. Deepa K M D
11/9/2019 Wednesday	Implement content of Day 1, S4 on the computer.	Dr. Joy+	Discuss Functions, Files. Compare with C++ based solutions. Two examples & Four exercises	Dr. Joy+		Implement content of Day 2, S2 on the computer.	Dr. Joy+	Implement content of Day 2, S2 on the computer.	Dr. Joy+

Placement Training Program for 7th sem (ECE/EEE) KSIT/KSSEM

Date & Day	S1 (8.40 am - 10.15 am)	S2 (10.30 am - 12.00 pm)	S3 (12.45 pm - 2.15 pm)	S4 (2.30 pm - 4.00 pm)	Resource Person
12/9/2019 Thursday	Operating Systems Process management File systems, memory management Deadlocks and semaphores Inter process communication Permissions and ownership Access control	Computer Architecture Computing with switches, memory with fuses Von Neumann Architecture Buses, Machine cycle, Read cycle timing diagram, FP number representation, The CPU, Instruction fetch cycle, Control Unit, Pipelining, I/O, interrupts	Networking The challenges, why layers? Payload encapsulation, packetization, overview and comparison of TCP/IP vs ISO- OSI layers Comparison of TCP & UDP. Application layer, error handling.		Mr. Praveen 
					Mr. Senthil Babu VLSI
13/9/2019 Friday	Machine Learning	Artificial Intelligence	TEST	Project Discussion	Dr. Joy +  Dr. Shashindram Prabhu
14/9/2019 Saturday	Project	Project	Project	Summary and Review	Closure Input from all teachers

Conducted meeting with Dr. Joy and discussed the Roles & Responsibilities to be carried out during the placement training

1. We were instructed to handle Lab Sessions
2. To help conduct the Theory Sessions

Included topics like

→ Basics of C

→ Basics of C++

→ Basics of object oriented programming

→ Real time problems

We communicated with Dr. Sudhakar about knowing Basics of Lab & with his help will manage

Time :- 12.15pm
Place :- Joy's Cabin

People who attended

Dr. Joy ✓

Aluna Rao ✓

Dr. B. S. Adishan ✓

Bhargavi Ananth ✓

Name : Neha N.V

USN : 1KS16EC058

-] Only few sessions were effective and we could learn few topics (or concepts).
-] For electronics branch students they asked very few questions about computer science subjects in the interview. [particularly on basis of 'c'] and nothing more.
-] As its difficult for most of them to clear the aptitude round than the further rounds, more of aptitude sessions should be conducted.
-] Different companies focus on different technical part. So its easy for us to go through by ourselves about the technical part according to the companies requirement. Classes can be held to brush up the previous semester electronic concepts (such as PCS, FT, CCN etc) as more questions were asked on the above topics.



K. S. INSTITUTE OF TECHNOLOGY, BANGALORE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Technical Training Feedback Consolidation

- Technical Training were helpful
- Problems could have been complex
- Training should focus on ECE domain rather than CS
- Could have taught more programs
- More Aptitude mock test
- More Quiz/Test oriented session will help us to prepare for placement drives
- Require more coding training sessions
- Need aptitude classes from lower semesters
- Two hours of class on AI is not enough
- The technical training was really good; it was organized very well and informative.
- The session was informative but can have been more effective by giving real time examples.
- The concepts were repeated in Infosys training.
- It's difficult for most of them to clear the aptitude round than further rounds; more of aptitude sessions should be conducted.
- If some industry person could have come and share their knowledge it would have been better.
- It will be better if we are given training which is more company specific (Concentrate on technical coding rather than theoretical information).
- It would be helpful if they teach us how to approach a coding question and techniques /shortcuts and logical approach.
- Classes can be held to brush up the previous semester electronics concepts (PCS, FT, CCN, OS). Questions were asked from it.
- Few sessions were helpful like Machine Learning and Artificial intelligence but questions will not arise in the interview.
- Helped us to know new technologies and what society needs from engineer.
- Each session was almost 2hrs where we came to know only little about subject, time management was lagging.

D
26/9/19

P10

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
PLACEMENT TRAINING PROGRAM FOR 7TH SEM (ECE)/KSIT

Day	S1	S2	S3	S4	Trainer
1	Programming languages C, C++, Java Structured vs. OO programming Comparison of Assembly lang. C, C++, Java	Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Implement content of S2 on computer.	Discuss Arrays and Pointers Two example programs & Two exercises	Joy + 1/2
2	Implement content of Day 1, S4 on the computer.	Discuss Functions, Files. Compare with C++ based solutions. Two examples & Four exercises	Implement content of Day 2, S2 on the computer.	Implement content of Day 2, S2 on the computer.	Joy + 1/2
3	Data Structures Basic Overview, Indexing Complexity Analysis Recurrence Relation	Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	DBMS SQL queries formation Join, Select, sub queries Join-select vs select-join	
	Computer Architecture Computing with switches, memory with fuses	Operating Systems Process management	Networking The challenges. Why layers?	Elective 1 (Options topics in table below)	

Dr. Sudarshan
 Praveen EC dept
 Joy +

	Von Neumann Architecture Buses, Machine cycle, Read cycle timing diagram, FP number representation, The CPU, Instruction fetch cycle, Control Unit, Pipelining, I/O, Interrupts	File systems, memory management Deadlocks and semaphores Inter process communication Permissions and ownership Access control	Payload, Encapsulation, Packetization Overview and comparison of ISO- OSI layers vs. TCP/IP Comparison of TCP & UDP. Application layer, Error handling		
4	Elective 2 (Options topics in table below) <i>VLSI</i>	Elective 3 (Options topics in table below) <i>AI/ML</i>	Test		Project - Discussion
5	Project	Project	Project		Closure Inputs and observations from all the Teachers involved.

Note: If any student is interested in continuing with the project after the 6 day program, they will be supported.
