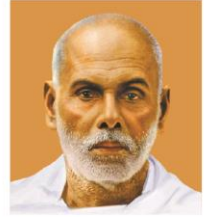


Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



CO-PO ATTAINMENT SAMPLES - THEORY



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)

First Series Exam CO Mark Details

Department:CSE

CST 205 OBJECT ORIENTED PROGRAMMING
USING JAVA

Semester:3

SL.No.	Register No	Name	CO 1(20)	CO 2(20)	CO 3(10)
1	SNC21CS001	ABHINAV DHARMARAJ	16.5	16.5	10
2	SNC21CS002	ABHINAV K	4	5	9
3	SNC21CS003	ABHINAV K	6	14	10
4	SNC21CS004	ABHISREE ASHOKAN	4	9.5	7.5
5	SNC21CS005	ABIRAM SUNIL	0	0	0
6	SNC21CS006	ADARSH CHANDRAN K V	3	0.5	3
7	SNC21CS007	ADARSH KV	14.5	18.5	8
8	SNC21CS008	ADHITHYA JITHESH	4.5	8.5	3
9	SNC21CS009	ADWAITH S NIRANJ	4.5	13.5	3
10	SNC21CS010	AKSHAY P K	0	2	7
11	SNC21CS011	AMINA FIZA K V	7.5	15	8.5
12	SNC21CS012	ANUDEEP K	15	13	9
13	SNC21CS013	ANUPAM K V	5	5	4
14	SNC21CS014	ARATHI T V	3	13	4
15	SNC21CS015	ARJUN P P	15	18	7
16	SNC21CS016	ARJUN K V	7	7.5	6.5
17	SNC21CS017	ASWATHI A V	5.5	19.5	10
18	SNC21CS018	ASWATHI K V	5	19	9
19	SNC21CS019	ATHIRA K V	16	14	10
20	SNC21CS020	ATHUL PAVITHRAN	11.5	17	7.5
21	SNC21CS021	B SREYAS KRISHNAN	7.5	4.5	7
22	SNC21CS022	FADI ASLAM P V	6	9	10
23	SNC21CS023	FATHIMATH THANSEEHA	12	19	10
24	SNC21CS024	HAIFA C	16	17	10
25	SNC21CS025	HIBA T K	17.5	19.5	10
26	SNC21CS027	JERLITT VISAL	6	12.5	8.5
27	SNC21CS028	JISHNU K R	9.5	17	9.5
28	SNC21CS029	KEERTHANA K	8	20	10
29	SNC21CS030	M MOHAMMED FIDAN	11	9.5	8.5
30	SNC21CS031	MOHAMMED ZAHRAN P V	8.5	6	9.5
31	SNC21CS032	MUHAMMED ADNAN E M	7	6.5	5.5
32	SNC21CS033	MOHAMMED AMEN NAJEEB	6.5	7	8.5
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	7	5.5	6.5

S. S. S. S.
HOD/USE

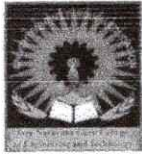
Signature

A. V.
COLLEGE OF
ENGINEERING, PAYYANUR

34	SNC21CS035	MUHAMMED THAJUDHEEN	11	14	8
35	SNC21CS036	NANDANA M	17	19	10
36	SNC21CS037	NAVYA P	11.5	13.5	10
37	SNC21CS038	NEERAJ RAVI P V	8	16.5	8.5
38	SNC21CS040	RAIHANA T P	6.5	13.5	10
39	SNC21CS041	SARANG V	9	17	8
40	SNC21CS042	SHAHEEM A V	10	11	10
41	SNC21CS043	SREYAS KRISHNAN	14	17	9
42	SNC21CS044	UTHARA M V	17	19	9
43	SNC21CS045	VAISHNAV K P	19	18	10
44	SNC21CS046	VISHAK K R	12	20	10
45	SNC21CS047	VISHAL V V	0	0	0
46	SNC21CS048	VYSHAK UMESHAN	18	13	9
47	SNC21CS049	YADHUKRISHNAN K V	10	12	8

Dr. Leena
HOD/WE

Leena
Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAVANUR
KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)

Second Series Exam CO Mark Details

Department:CSE

CST 205 OBJECT ORIENTED PROGRAMMING USING JAVA

Semester:3

SL.No.	Register No	Name	CO 4(20)	CO 5(20)	CO 3(10)
1	SNC21CS001	ABHINAV DHARMARAJ	10	3	10
2	SNC21CS002	ABHINAV K	3.5	1	4.5
3	SNC21CS003	ABHINAV K	4	3	6
4	SNC21CS004	ABHISREE ASHOKAN	13	7	8
5	SNC21CS005	ABIRAM SUNIL	9.5	3.5	8
6	SNC21CS006	ADARSH CHANDRAN K V	3.5	11.5	2
7	SNC21CS007	ADARSH KV	14	5	10
8	SNC21CS008	ADHITHYA JITHESH	1.5	3.5	1
9	SNC21CS009	ADWAITH S NIRANJ	5.5	4.5	7
10	SNC21CS010	AKSHAY P K	9	1.5	4.5
11	SNC21CS011	AMINA FIZA K V	7.5	10.5	7
12	SNC21CS012	ANUDEEP K	18.5	6.5	3
13	SNC21CS013	ANUPAM K V	2	4.5	1.5
14	SNC21CS014	ARATHI T V	7	4	9
15	SNC21CS015	ARJUN P P	3.5	10	6.5
16	SNC21CS016	ARJUN K V	0	1	1
17	SNC21CS017	ASWATHI A V	13	10	10
18	SNC21CS018	ASWATHI K V	15	5	5
19	SNC21CS019	ATHIRA K V	19	6	10
20	SNC21CS020	ATHUL PAVITHRAN	7.5	3.5	5
21	SNC21CS021	B SREYAS KRISHNAN	5.5	7	6.5
22	SNC21CS022	FADI ASLAM P V	6	6	5
23	SNC21CS023	FATHIMATH THANSEEHA	16	11	10
24	SNC21CS024	HAIFA C	16	18	10
25	SNC21CS025	HIBA T K	16	12	10
26	SNC21CS027	JERLITT VISAL	8	7	5
27	SNC21CS028	JISHNU K R	7	5	8
28	SNC21CS029	KEERTHANA K	20	8	10
29	SNC21CS030	M MOHAMMED FIDAN	11.5	9.5	8
30	SNC21CS031	MOHAMMED ZAHARAN P V	2	2	4
31	SNC21CS032	MUHAMMED ADNAN E M	0	0	2
32	SNC21CS033	MOHAMMED AMEN NAJEEB	0	4	5
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	5	11	6

S. S. S. S. S.
HOD/USE

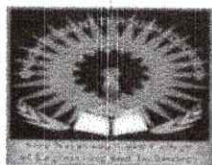
Leena

Dr. LEENA A. V.
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KANNUR

34	SNC21CS035	MUHAMMED THAJUDHEEN	12	3	8
35	SNC21CS036	NANDANA M	4.5	2.5	6
36	SNC21CS037	NAVYA P	15	3.5	5.5
37	SNC21CS038	NEERAJ RAVI P V	9.5	4	6.5
38	SNC21CS040	RAIHANA T P	18.5	7	9.5
39	SNC21CS041	SARANG V	15.5	2.5	7
40	SNC21CS042	SHAHEEM A V	7.5	7.5	5
41	SNC21CS043	SREYAS KRISHNAN	9	8	6
42	SNC21CS044	UTHARA M V	7	7	6
43	SNC21CS045	VAISHNAV K P	0	0	0
44	SNC21CS046	VISHAK K R	11.5	11	7.5
45	SNC21CS047	VISHAL V V	4	2	7
46	SNC21CS048	VYSHAK UMESHAN	13	8	9
47	SNC21CS049	YADHUKRISHNAN K V	3	4	5

S. S. S. S. S.
HOD/WE

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KANJUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

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(Affiliated to KTU, Recognised by AICTE)

Tutorial CO Mark Details

Department:CSE

CST 205 OBJECT ORIENTED PROGRAMMING USING JAVA

Semester:3

S.No.	Register No	Name	TUTORIAL MARKS									
			1	2	3	4	5	6	7	8	9	10
			CO 1		CO 2		CO 3		CO 4		CO 5	
1	SNC21CS001	ABHINAV DHARMARAJ	10	10	10	10	10	10	0	0	0	0
2	SNC21CS002	ABHINAV K	10	10	10	10	10	10	8	8	8	8
3	SNC21CS003	ABHINAV K	10	10	10	10	10	0	0	0	0	0
4	SNC21CS004	ABHISREE ASHOKAN	10	10	10	10	10	10	10	10	10	10
5	SNC21CS005	ABIRAM SUNIL	10	10	10	10	10	10	10	10	10	10
6	SNC21CS006	ADARSH CHANDRAN K V	10	10	10	10	10	10	8	8	8	8
7	SNC21CS007	ADARSH KV	10	10	10	10	10	10	10	10	10	10
8	SNC21CS008	ADHITHYA JITHESH	10	10	8	10	10	10	10	10	10	10
9	SNC21CS009	ADWAITH S NIRANJ	10	10	10	10	10	10	0	0	0	0
10	SNC21CS010	AKSHAY P K	10	10	9	10	10	5	8	8	8	8
11	SNC21CS011	AMINA FIZA K V	10	10	10	10	10	10	10	10	10	10
12	SNC21CS012	ANUDEEP K	10	10	10	10	10	10	0	0	0	0
13	SNC21CS013	ANUPAM K V	10	10	10	10	10	10	10	10	10	10
14	SNC21CS014	ARATHI T V	10	10	10	10	10	10	10	10	10	10
15	SNC21CS015	ARJUN P P	10	10	10	10	10	10	10	10	10	10
16	SNC21CS016	ARJUN K V	10	10	9	10	10	8	9	9	9	9
17	SNC21CS017	ASWATHI A V	10	10	10	10	10	10	10	10	10	10
18	SNC21CS018	ASWATHI K V	10	10	10	10	10	10	10	10	10	10
19	SNC21CS019	ATHIRA K V	10	10	10	10	10	10	10	10	10	10
20	SNC21CS020	ATHUL PAVITHRAN	10	10	10	10	10	10	0	0	0	0
21	SNC21CS021	B SREYAS KRISHNAN	10	10	10	10	10	9	9	9	9	9

Dr. LEENA A. V.
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KANNUR

Signature
HOD/WE

22	SNC21CS022	FADI ASLAM P V	10	10	10	10	10	8	10	10	10	10
23	SNC21CS023	FATHIMATH THANSEEHA	10	10	10	10	10	10	10	10	10	10
24	SNC21CS024	HAIFA C	10	10	10	10	10	10	10	10	0	0
25	SNC21CS025	HIBA T K	10	10	10	10	10	10	10	10	10	10
26	SNC21CS027	JERLITT VISAL	10	10	10	10	10	10	0	0	10	10
27	SNC21CS028	JISHNU K R	10	10	9	10	10	10	0	0	0	0
28	SNC21CS029	KEERTHANA K	10	10	10	10	10	10	0	0	0	0
29	SNC21CS030	M MOHAMMED FIDAN	10	10	10	10	10	10	10	10	10	10
30	SNC21CS031	MOHAMMED ZAHRAAN P V	10	10	10	10	10	9	10	10	10	10
31	SNC21CS032	MUHAMMED ADNAN E M	10	10	8	10	10	9	9	9	9	9
32	SNC21CS033	MOHAMMED AMEN NAJEEB	10	10	10	10	10	10	10	10	10	10
33	SNC21CS034	MUHAMMED SHEHZAD SIDHI	10	10	8	8	8	9	10	10	10	10
34	SNC21CS035	MUHAMMED THAJUDHEEN	10	10	10	10	10	10	0	0	0	0
35	SNC21CS036	NANDANA M	10	10	10	10	10	10	10	10	10	10
36	SNC21CS037	NAVYA P	10	10	10	10	10	10	0	0	0	0
37	SNC21CS038	NEERAJ RAVI P V	10	10	9	10	5	5	5	5	5	5
38	SNC21CS040	RAIHANA T P	10	10	10	10	10	10	10	10	10	10
39	SNC21CS041	SARANG V	10	10	10	10	0	10	0	0	0	0
40	SNC21CS042	SHAHEEM A V	10	10	10	10	10	8	0	0	0	0
41	SNC21CS043	SREYAS KRISHNAN	10	10	10	10	0	10	0	0	0	0
42	SNC21CS044	UTHARA M V	10	10	10	10	10	10	10	10	10	10
43	SNC21CS045	VAISHNAV K P	10	10	10	10	10	10	0	0	0	0
44	SNC21CS046	VISHAK K R	10	10	10	10	10	10	0	0	0	0
45	SNC21CS047	VISHAL V V	10	10	10	10	8	9	9	9	9	9
46	SNC21CS048	VYSHAK UMESHAN	10	10	10	10	10	10	0	0	0	0
47	SNC21CS049	YADHUKRISHNAN K V	10	10	10	10	0	10	0	0	5	5

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Santhosh
HOD/USE



Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)

EVALUATION OF CO 1

CO 1:	To introduce basic concepts of object oriented design techniques and to understand the basis of java language.
--------------	--

ATTAINMENT LEVEL 1	70-80 % STUDENTS ATTAINING 12 MARKS
ATTAINMENT LEVEL 2	81-90% STUDENTS ATTAINING 12 MARKS
ATTAINMENT LEVEL 3	91-100% STUDENTS ATTAINING 12 MARKS

SL NO:	Register No	NAME	ST 1 (20)	TUTORIAL (20)	TOTAL SCORE
1	SNC21CS001	ABHINAV DHARMARAJ	16.5	20	18
2	SNC21CS002	ABHINAV K	4	20	10
3	SNC21CS003	ABHINAV K	6	20	12
4	SNC21CS004	ABHISREE ASHOKAN	4	20	10
5	SNC21CS005	ABIRAM SUNIL	0	20	8
6	SNC21CS006	ADARSH CHANDRAN K V	3	20	10
7	SNC21CS007	ADARSH KV	14.5	20	17
8	SNC21CS008	ADHITHYA JITHESH	4.5	20	11
9	SNC21CS009	ADWAITH S NIRANJ	4.5	20	11
10	SNC21CS010	AKSHAY P K	0	20	8
11	SNC21CS011	AMINA FIZA K V	7.5	20	13
12	SNC21CS012	ANUDEEP K	15	20	17
13	SNC21CS013	ANUPAM K V	5	20	11
14	SNC21CS014	ARATHI T V	3	20	10
15	SNC21CS015	ARJUN P P	15	20	17
16	SNC21CS016	ARJUN K V	7	20	12
17	SNC21CS017	ASWATHI A V	5.5	20	11
18	SNC21CS018	ASWATHI K V	5	20	11
19	SNC21CS019	ATHIRA K V	16	20	18
20	SNC21CS020	ATHUL PAVITHRAN	11.5	20	15
21	SNC21CS021	B SREYAS KRISHNAN	7.5	20	13
22	SNC21CS022	FADI ASLAM P V	6	20	12
23	SNC21CS023	FATHIMATH THANSEEHA	12	20	15
24	SNC21CS024	HAIFA C	16	20	18
25	SNC21CS025	HIBA T K	17.5	20	19
26	SNC21CS027	JERLITT VISAL	6	20	12
27	SNC21CS028	JISHNU K R	9.5	20	14

S. S. S. S. S.
HOD/USE

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KANNUR

28	SNC21CS029	KEERTHANA K	8	20	13
29	SNC21CS030	M MOHAMMED FIDAN	11	20	15
30	SNC21CS031	MOHAMMED ZAHRAN P V	8.5	20	13
31	SNC21CS032	MUHAMMED ADNAN E M	7	20	12
32	SNC21CS033	MOHAMMED AMEN NAJEEB	6.5	20	12
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	7	20	12
34	SNC21CS035	MUHAMMED THAJUDHEEN	11	20	15
35	SNC21CS036	NANDANA M	17	20	18
36	SNC21CS037	NAVYA P	11.5	20	15
37	SNC21CS038	NEERAJ RAVI P V	8	20	13
38	SNC21CS040	RAIHANA T P	6.5	20	12
39	SNC21CS041	SARANG V	9	20	13
40	SNC21CS042	SHAHEEM A V	10	20	14
41	SNC21CS043	SREYAS KRISHNAN	14	20	16
42	SNC21CS044	UTHARA M V	17	20	18
43	SNC21CS045	VAISHNAV K P	19	20	19
44	SNC21CS046	VISHAK K R	12	20	15
45	SNC21CS047	VISHAL V V	0	20	8
46	SNC21CS048	VYSHAK UMESHAN	18	20	19
47	SNC21CS049	YADHUKRISHNAN K V	10	20	14
COUNT OF STUDENTS WHO GOT MINIMUM SET LEVEL					35
PERCENTAGE OF ATTAINMENT					74.47

ASSESSED LEVEL - LEVEL 1

Dr. Leena A. V.
HOD/UG

Leena
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KANNUR



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PAYYANUR, KANNUR

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EVALUATION OF CO 2

CO 2:	To get thorough knowledge of java languages and to utilize the features of java like datatypes operators, control statements etc and how to use the object oriented concepts - classes, objects, constructors, data hiding, inheritance and polymorphism.
--------------	---

ATTAINMENT LEVEL 1	70-80 % STUDENTS ATTAINING 12 MARKS
ATTAINMENT LEVEL 2	81-90% STUDENTS ATTAINING 12 MARKS
ATTAINMENT LEVEL 3	91-100% STUDENTS ATTAINING 12 MARKS

SL NO:	Register No	NAME	ST 1 (20)	TUTORIAL (20)	TOTAL SCORE
1	SNC21CS001	ABHINAV DHARMARAJ	16.5	20	18
2	SNC21CS002	ABHINAV K	5	20	11
3	SNC21CS003	ABHINAV K	14	20	16
4	SNC21CS004	ABHISREE ASHOKAN	9.5	20	14
5	SNC21CS005	ABIRAM SUNIL	0	20	8
6	SNC21CS006	ADARSH CHANDRAN K V	0.5	20	8
7	SNC21CS007	ADARSH KV	18.5	20	19
8	SNC21CS008	ADHITHYA JITHESH	8.5	18	12
9	SNC21CS009	ADWAITH S NIRANJ	13.5	20	16
10	SNC21CS010	AKSHAY P K	2	19	9
11	SNC21CS011	AMINA FIZA K V	15	20	17
12	SNC21CS012	ANUDEEP K	13	20	16
13	SNC21CS013	ANUPAM K V	5	20	11
14	SNC21CS014	ARATHI T V	13	20	16
15	SNC21CS015	ARJUN P P	18	20	19
16	SNC21CS016	ARJUN K V	7.5	19	12
17	SNC21CS017	ASWATHI A V	19.5	20	20
18	SNC21CS018	ASWATHI K V	19	20	19
19	SNC21CS019	ATHIRA K V	14	20	16
20	SNC21CS020	ATHUL PAVITHRAN	17	20	18
21	SNC21CS021	B SREYAS KRISHNAN	4.5	20	11
22	SNC21CS022	FADI ASLAM P V	9	20	13
23	SNC21CS023	FATHIMATH THANSEEHA	19	20	19
24	SNC21CS024	HAIFA C	17	20	18
25	SNC21CS025	HIBA T K	19.5	20	20
26	SNC21CS027	JERLITT VISAL	12.5	20	16

Signature
HOD/USE

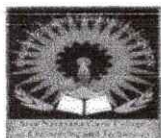
Signature
Dr. LEENA A. V.
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ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

27	SNC21CS028	JISHNU K R	17	19	18
28	SNC21CS029	KEERTHANA K	20	20	20
29	SNC21CS030	M MOHAMMED FIDAN	9.5	20	14
30	SNC21CS031	MOHAMMED ZAHRAN P V	6	20	12
31	SNC21CS032	MUHAMMED ADNAN E M	6.5	18	11
32	SNC21CS033	MOHAMMED AMEN NAJEEB	7	20	12
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	5.5	16	10
34	SNC21CS035	MUHAMMED THAJUDHEEN	14	20	16
35	SNC21CS036	NANDANA M	19	20	19
36	SNC21CS037	NAVYA P	13.5	20	16
37	SNC21CS038	NEERAJ RAVI P V	16.5	19	18
38	SNC21CS040	RAIHANA T P	13.5	20	16
39	SNC21CS041	SARANG V	17	20	18
40	SNC21CS042	SHAHEEM A V	11	20	15
41	SNC21CS043	SREYAS KRISHNAN	17	20	18
42	SNC21CS044	UTHARA M V	19	20	19
43	SNC21CS045	VAISHNAV K P	18	20	19
44	SNC21CS046	VISHAK K R	20	20	20
45	SNC21CS047	VISHAL V V	0	20	8
46	SNC21CS048	VYSHAK UMESHAN	13	20	16
47	SNC21CS049	YADHUKRISHNAN K V	12	20	15
COUNT OF STUDENTS WHO GOT MINIMUM SET LEVEL					38
PERCENTAGE OF ATTAINMENT					80.85

ASSESSED LEVEL - LEVEL 2

Santhosh
HOD/WE

Leena
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KANIKUR



**SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,
PAYYANUR, KANNUR**

Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)

EVALUATION OF CO 3

CO 3:	To understand the utilization of built in packages & interfaces and to illustrate how robust programs can be written in Java using exception handling mechanism, Input/ Output Streams and Files in Java to develop programs
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ATTAINMENT LEVEL 1	70-80 % STUDENTS ATTAINING 15 MARKS
ATTAINMENT LEVEL 2	81-90% STUDENTS ATTAINING 15 MARKS
ATTAINMENT LEVEL 3	91-100% STUDENTS ATTAINING 15 MARKS

SL NO:	Register No	NAME	ST 1+2 (20)	TUTORIAL (20)	TOTAL SCORE
1	SNC21CS001	ABHINAV DHARMARAJ	20	20	20
2	SNC21CS002	ABHINAV K	13.5	20	16
3	SNC21CS003	ABHINAV K	16	20	18
4	SNC21CS004	ABHISREE ASHOKAN	15.5	20	17
5	SNC21CS005	ABIRAM SUNIL	8	20	13
6	SNC21CS006	ADARSH CHANDRAN K V	5	20	11
7	SNC21CS007	ADARSH KV	18	20	19
8	SNC21CS008	ADHITHYA JITHESH	4	18	10
9	SNC21CS009	ADWAITH S NIRANJ	10	20	14
10	SNC21CS010	AKSHAY P K	11.5	19	15
11	SNC21CS011	AMINA FIZA K V	15.5	20	17
12	SNC21CS012	ANUDEEP K	12	20	15
13	SNC21CS013	ANUPAM K V	5.5	20	11
14	SNC21CS014	ARATHI T V	13	20	16
15	SNC21CS015	ARJUN P P	13.5	20	16
16	SNC21CS016	ARJUN K V	7.5	19	12
17	SNC21CS017	ASWATHI A V	20	20	20
18	SNC21CS018	ASWATHI K V	14	20	16
19	SNC21CS019	ATHIRA K V	20	20	20
20	SNC21CS020	ATHUL PAVITHRAN	12.5	20	16
21	SNC21CS021	B SREYAS KRISHNAN	13.5	20	16
22	SNC21CS022	FADI ASLAM P V	15	20	17
23	SNC21CS023	FATHIMATH THANSEEHA	20	20	20
24	SNC21CS024	HAIFA C	20	20	20
25	SNC21CS025	HIBA T K	20	20	20
26	SNC21CS027	JERLITT VISAL	13.5	20	16

S. S. S. S.
HOD/USE

Dr. Leena A. V.

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

27	SNC21CS028	JISHNU K R	17.5	19	18
28	SNC21CS029	KEERTHANA K	20	20	20
29	SNC21CS030	M MOHAMMED FIDAN	16.5	20	18
30	SNC21CS031	MOHAMMED ZAHRAN P V	13.5	20	16
31	SNC21CS032	MUHAMMED ADNAN E M	7.5	18	12
32	SNC21CS033	MOHAMMED AMEN NAJEEB	13.5	20	16
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	12.5	16	14
34	SNC21CS035	MUHAMMED THAJUDHEEN	16	20	18
35	SNC21CS036	NANDANA M	16	20	18
36	SNC21CS037	NAVYA P	13.5	20	17
37	SNC21CS038	NEERAJ RAVI P V	15	19	17
38	SNC21CS040	RAIHANA T P	19.5	20	20
39	SNC21CS041	SARANG V	15	20	17
40	SNC21CS042	SHAHEEM A V	15	20	17
41	SNC21CS043	SREYAS KRISHNAN	15	20	17
42	SNC21CS044	UTHARA M V	15	20	17
43	SNC21CS045	VAISHNAV K P	10	20	14
44	SNC21CS046	VISHAK K R	17.5	20	19
45	SNC21CS047	VISHAL V V	7	20	12
46	SNC21CS048	VYSHAK UMESHAN	18	20	19
47	SNC21CS049	YADHUKRISHNAN K V	13	20	16
COUNT OF STUDENTS WHO GOT MINIMUM SET LEVEL					37
PERCENTAGE OF ATTAINMENT					78.72

ASSESSED LEVEL - LEVEL 1

Dr. Leena A. V.
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Leena
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KANNUR



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EVALUATION OF CO 4

CO 4:	To provide basic exposure for the application of programs in Java using multithreading, String handling mechanism, collection framework and event handling mechanisms.
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ATTAINMENT LEVEL 1	70-80 % STUDENTS ATTAINING 8 MARKS
ATTAINMENT LEVEL 2	81-90% STUDENTS ATTAINING 8 MARKS
ATTAINMENT LEVEL 3	91-100% STUDENTS ATTAINING 8 MARKS

SL NO:	Register No	NAME	ST 2 (20)	TUTORIAL (20)	TOTAL SCORE
1	SNC21CS001	ABHINAV DHARMARAJ	10	0	6
2	SNC21CS002	ABHINAV K	3.5	16	9
3	SNC21CS003	ABHINAV K	4	0	2
4	SNC21CS004	ABHISREE ASHOKAN	13	20	16
5	SNC21CS005	ABIRAM SUNIL	9.5	20	14
6	SNC21CS006	ADARSH CHANDRAN K V	3.5	16	9
7	SNC21CS007	ADARSH KV	14	20	16
8	SNC21CS008	ADHITHYA JITHESH	1.5	20	9
9	SNC21CS009	ADWAITH S NIRANJ	5.5	0	3
10	SNC21CS010	AKSHAY P K	9	16	12
11	SNC21CS011	AMINA FIZA K V	7.5	20	13
12	SNC21CS012	ANUDEEP K	18.5	0	11
13	SNC21CS013	ANUPAM K V	2	20	9
14	SNC21CS014	ARATHI T V	7	20	12
15	SNC21CS015	ARJUN P P	3.5	20	10
16	SNC21CS016	ARJUN K V	0	18	7
17	SNC21CS017	ASWATHI A V	13	20	16
18	SNC21CS018	ASWATHI K V	15	20	17
19	SNC21CS019	ATHIRA K V	19	20	19
20	SNC21CS020	ATHUL PAVITHRAN	7.5	0	5
21	SNC21CS021	B SREYAS KRISHNAN	5.5	18	11
22	SNC21CS022	FADI ASLAM P V	6	20	12
23	SNC21CS023	FATHIMATH THANSEEHA	16	20	18
24	SNC21CS024	HAIFA C	16	20	18
25	SNC21CS025	HIBA T K	16	20	18
26	SNC21CS027	JERLITT VISAL	8	0	5
27	SNC21CS028	JISHNU K R	7	0	4

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KANNUR

28	SNC21CS029	KEERTHANA K	20	0	12
29	SNC21CS030	M MOHAMMED FIDAN	11.5	20	15
30	SNC21CS031	MOHAMMED ZAHRAN P V	2	20	9
31	SNC21CS032	MUHAMMED ADNAN E M	0	18	7
32	SNC21CS033	MOHAMMED AMEN NAJEEB	0	20	8
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	5	20	11
34	SNC21CS035	MUHAMMED THAJUDHEEN	12	0	7
35	SNC21CS036	NANDANA M	4.5	20	11
36	SNC21CS037	NAVYA P	15	0	9
37	SNC21CS038	NEERAJ RAVI P V	9.5	10	10
38	SNC21CS040	RAIHANA T P	18.5	20	19
39	SNC21CS041	SARANG V	15.5	0	9
40	SNC21CS042	SHAHEEM A V	7.5	0	5
41	SNC21CS043	SREYAS KRISHNAN	9	0	5
42	SNC21CS044	UTHARA M V	7	20	12
43	SNC21CS045	VAISHNAV K P	0	0	0
44	SNC21CS046	VISHAK K R	11.5	0	7
45	SNC21CS047	VISHAL V V	4	18	10
46	SNC21CS048	VYSHAK UMESHAN	13	0	8
47	SNC21CS049	YADHUKRISHNAN K V	3	0	2
COUNT OF STUDENTS WHO GOT MINIMUM SET LEVEL					33
PERCENTAGE OF ATTAINMENT					70.21

ASSESSED LEVEL - LEVEL 1

Dr. Leena A. V.
HOD/UG

Leena
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EVALUATION OF CO 5

CO 5:	To impart the techniques of creating GUI based applications and database connectivity.
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ATTAINMENT LEVEL 1	70-80 % STUDENTS ATTAINING 6 MARKS
ATTAINMENT LEVEL 2	81-90% STUDENTS ATTAINING 6 MARKS
ATTAINMENT LEVEL 3	91-100% STUDENTS ATTAINING 6 MARKS

SL NO:	Register No	NAME	ST 2 (20)	TUTORIAL (20)	TOTAL SCORE
1	SNC21CS001	ABHINAV DHARMARAJ	3	0	2
2	SNC21CS002	ABHINAV K	1	16	7
3	SNC21CS003	ABHINAV K	3	0	2
4	SNC21CS004	ABHISREE ASHOKAN	7	20	12
5	SNC21CS005	ABIRAM SUNIL	3.5	20	10
6	SNC21CS006	ADARSH CHANDRAN K V	11.5	16	13
7	SNC21CS007	ADARSH KV	5	20	11
8	SNC21CS008	ADHITHYA JITHESH	3.5	20	10
9	SNC21CS009	ADWAITH S NIRANJ	4.5	0	3
10	SNC21CS010	AKSHAY P K	1.5	16	7
11	SNC21CS011	AMINA FIZA K V	10.5	20	14
12	SNC21CS012	ANUDEEP K	6.5	0	4
13	SNC21CS013	ANUPAM K V	4.5	20	11
14	SNC21CS014	ARATHI T V	4	20	10
15	SNC21CS015	ARJUN P P	10	20	14
16	SNC21CS016	ARJUN K V	1	18	8
17	SNC21CS017	ASWATHI A V	10	20	14
18	SNC21CS018	ASWATHI K V	5	20	11
19	SNC21CS019	ATHIRA K V	6	20	12
20	SNC21CS020	ATHUL PAVITHRAN	3.5	0	2
21	SNC21CS021	B SREYAS KRISHNAN	7	18	11
22	SNC21CS022	FADI ASLAM P V	6	20	12
23	SNC21CS023	FATHIMATH THANSEEHA	11	20	15
24	SNC21CS024	HAIFA C	18	0	11
25	SNC21CS025	HIBA T K	12	20	15
26	SNC21CS027	JERLITT VISAL	7	20	12
27	SNC21CS028	JISHNU K R	5	0	3

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28	SNC21CS029	KEERTHANA K	8	0	5
29	SNC21CS030	M MOHAMMED FIDAN	9.5	20	14
30	SNC21CS031	MOHAMMED ZAHRAN P V	2	20	9
31	SNC21CS032	MUHAMMED ADNAN E M	0	18	7
32	SNC21CS033	MOHAMMED AMEN NAJEEB	4	20	10
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	11	20	15
34	SNC21CS035	MUHAMMED THAJUDHEEN	3	0	2
35	SNC21CS036	NANDANA M	2.5	20	10
36	SNC21CS037	NAVYA P	3.5	0	2
37	SNC21CS038	NEERAJ RAVI P V	4	10	6
38	SNC21CS040	RAIHANA T P	7	20	12
39	SNC21CS041	SARANG V	2.5	0	2
40	SNC21CS042	SHAHEEM A V	7.5	0	5
41	SNC21CS043	SREYAS KRISHNAN	8	0	5
42	SNC21CS044	UTHARA M V	7	20	12
43	SNC21CS045	VAISHNAV K P	0	0	0
44	SNC21CS046	VISHAK K R	11	0	7
45	SNC21CS047	VISHAL V V	2	18	8
46	SNC21CS048	VYSHAK UMESHAN	8	0	5
47	SNC21CS049	YADHUKRISHNAN K V	4	10	6
COUNT OF STUDENTS WHO GOT MINIMUM SET LEVEL					33
PERCENTAGE OF ATTAINMENT					70.21

ASSESSED LEVEL - LEVEL 1

Dr. Leena A. V.
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Leena
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Promoted by Sree Bhakthi Samvardhini Yogam

(Affiliated to KTU, Recognised by AICTE)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT CODE: CST 205 OBJECT ORIENTED PROGRAMMING USING JAVA

BATCH: 2021-2025

ACADEMIC YEAR: 2022-23 - ODD SEMESTER

FACULTY HANDLED: Ms.NIMISHA M.K

			CO1	CO2	CO3	CO4	CO5
			Target%	Target%	Target%	Target%	Target%
			L1:70	L1:70	L1:70	L1:70	L1:70
			L2:81	L2:81	L2:81	L2:81	L2:81
			L3:91	L3:91	L3:91	L3:91	L3:91
			SET MARK = 12	SET MARK = 12	SET MARK = 15	SET MARK = 8	SET MARK = 6
SI No	REGISTER NO.	NAME	Actual Attainment in % : 74.47	Actual Attainment in % : 80.85	Actual Attainment in % :78.72	Actual Attainment in % :70.21	Actual Attainment in % :70.21
1	SNC21CS001	ABHINAV DHARMARAJ	19	13	20	19	18
2	SNC21CS002	ABHINAV K	12	10	10	11	13
3	SNC21CS003	ABHINAV K	10	9	9	13	15
4	SNC21CS004	ABHISREE ASHOKAN	20	15	24	13	17
5	SNC21CS005	ABIRAM SUNIL	18	11	11	10	7
6	SNC21CS006	ADARSH CHANDRAN K V	12	9	12	12	15
7	SNC21CS007	ADARSH KV	11	17	9	12	14
8	SNC21CS008	ADHITHYA JITHESH	12	17	15	15	12
9	SNC21CS009	ADWAITH S NIRANJ	13	13	11	16	16
10	SNC21CS010	AKSHAY P K	13	16	11	12	10
11	SNC21CS011	AMINA FIZA K V	19	13	13	13	17
12	SNC21CS012	ANUDEEP K	16	13	7	13	16
13	SNC21CS013	ANUPAM K V	13	13	13	13	14
14	SNC21CS014	ARATHI T V	12	17	10	15	14
15	SNC21CS015	ARJUN P P	20	19	14	8	8

Dr. LEENA A. V.
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KANNUR

Handwritten signature and text: HOD/USE

16	SNC21CS016	ARJUN K V	12	13	11	11	16
17	SNC21CS017	ASWATHI A V	15	12	15	12	14
18	SNC21CS018	ASWATHI K V	19	20	17	10	17
19	SNC21CS019	ATHIRA K V	15	10	16	13	12
20	SNC21CS020	ATHUL PAVITHRAN	14	13	15	13	12
21	SNC21CS021	B SREYAS KRISHNAN	18	17	13	12	15
22	SNC21CS022	FADI ASLAM P V	15	17	16	15	16
23	SNC21CS023	FATHIMATH THANSEEHA	20	19	19	17	17
24	SNC21CS024	HAIFA C	18	18	13	7	7
25	SNC21CS025	HIBA T K	14	17	19	17	18
26	SNC21CS027	JERLITT VISAL	12	7	10	12	15
27	SNC21CS028	JISHNU K R	15	13	13	7	7
28	SNC21CS029	KEERTHANA K	11	18	11	8	8
29	SNC21CS030	M MOHAMMED FIDAN	15	15	12	8	8
30	SNC21CS031	MOHAMMED ZAHKAN P V	13	14	14	7	7
31	SNC21CS032	MUHAMMED ADNAN E M	19	18	20	19	19
32	SNC21CS033	MUHAMMED AMEN NAJEEB	19	10	12	10	14
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	16	12	18	18	17
34	SNC21CS035	MUHAMMED THAJUDHEEN	13	16	13	16	13
35	SNC21CS036	NANDANA M	11	10	14	13	13
36	SNC21CS037	NAVYA P	13	9	11	11	13
37	SNC21CS038	NEERAJ RAVI P V	20	18	18	16	16
38	SNC21CS040	RAIHANA T P	11	8	10	17	14
39	SNC21CS041	SARANG V	15	14	14	12	10
40	SNC21CS042	SHAHEEM A V	19	12	11	13	16
41	SNC21CS043	SREYAS KRISHNAN	18	11	10	10	17
42	SNC21CS044	UTHARA M V	13	13	11	13	18
43	SNC21CS045	VAISHNAV K P	19	19	19	0	0
44	SNC21CS046	VISHAK K R	15	20	17	7	7
45	SNC21CS047	VISHAL V V	8	8	8	10	8
46	SNC21CS048	VYSHAK UMESHAN	19	16	18	8	5
47	SNC21CS049	YADHUKRISHNAN K V	14	15	14	2	6
LEVELS ASSESSED			L1	L2	L1	L1	L1

DR. LEENA A. V.
PRINCIPAL
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KANNUR

[Signature]
HOD/USE



**SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,
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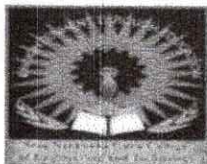
CO INTERNAL ATTAINMENT LEVEL

CO1	CO2	CO3	CO4	CO5
INT	INT	INT	INT	INT
L1	L2	L1	L1	L1

ATTAINMENT	1	2	1	1	1
------------	---	---	---	---	---

Santhosh
HOD/USE

Leena
Dr. LEENA A. V.
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EVALUATION SUMMARY BASED ON CO-PO MATRIX

EVALUATION OF PO BASED ON DIRECT ASSESSMENT															
CST205 oop	LEVELS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
CO1	L1	M	L	L	L								L	M	L
CO2	L2	M	M	M	L								L	L	L
CO3	L1	M	M	L	L						L		L	M	L
CO4	L1	M	M	M	L								L	L	L
CO5	L1	L	M	M	L								L	L	L
ASSESSED VALUE		1.22	1.22	1.25	1.2						1		1.2	1.14	1.2

*H = 1, M = 0.5, L = 0.25

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
CST 305 SS	1.22	1.22	1.25	1.2						1		1.2	1.14	1.2

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT CODE: CST 205 OBJECT ORIENTED PROGRAMMING USING JAVA

BATCH: 2021-2025

ACADEMIC YEAR: 2022-23 - ODD SEMESTER

FACULTY HANDLED: Ms. NIMISHA M.K

UNIVERSITY RESULT

L1 if 70% students gets P or higher grade
L2 if 80% students gets P or higher grade
L1 if 90% students gets P or higher grade

Sl No	REGISTER NO:	NAME	GRADE
1	SNC21CS001	ABHINAV DHARMARAJ	F
2	SNC21CS002	ABHINAV K	P
3	SNC21CS003	ABHINAV K	D
4	SNC21CS004	ABHISREE ASHOKAN	P
5	SNC21CS005	ABIRAM SUNIL	C+
6	SNC21CS006	ADARSH CHANDRAN K V	F
7	SNC21CS007	ADARSH KV	C+
8	SNC21CS008	ADHITHYA JITHESH	F
9	SNC21CS009	ADWAITH S NIRANJ	D
10	SNC21CS010	AKSHAY P K	F
11	SNC21CS011	AMINA FIZA K V	D
12	SNC21CS012	ANUDEEP K	C+
13	SNC21CS013	ANUPAM K V	F
14	SNC21CS014	ARATHI T V	P
15	SNC21CS015	ARJUN P P	C
16	SNC21CS016	ARJUN K V	F
17	SNC21CS017	ASWATHI A V	C+
18	SNC21CS018	ASWATHI K V	C
19	SNC21CS019	ATHIRA K V	B
20	SNC21CS020	ATHUL PAVITHRAN	P
21	SNC21CS021	B SREYAS KRISHNAN	F
22	SNC21CS022	FADI ASLAM P V	C
23	SNC21CS023	FATHIMATH THANSEEHA	B+
24	SNC21CS024	HAIFA C	B+
25	SNC21CS025	HIBA T K	A
26	SNC21CS027	JERLITT VISAL	D

Signature
HOD/USE

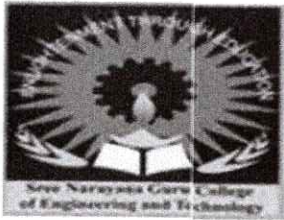
Signature

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KANNUR

27	SNC21CS028	JISHNU K R	C
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29	SNC21CS030	M MOHAMMED FIDAN	C
30	SNC21CS031	MOHAMMED ZAHARAN P V	F
31	SNC21CS032	MUHAMMED ADNAN E M	F
32	SNC21CS033	MOHAMMED AMEN NAJEEB	P
33	SNC21CS034	MUHAMMED SHEHZAD SIDHIK	D
34	SNC21CS035	MUHAMMED THAJUDHEEN	P
35	SNC21CS036	NANDANA M	C+
36	SNC21CS037	NAVYA P	D
37	SNC21CS038	NEERAJ RAVI P V	P
38	SNC21CS040	RAIHANA T P	B+
39	SNC21CS041	SARANG V	C+
40	SNC21CS042	SHAHEEM A V	C
41	SNC21CS043	SREYAS KRISHNAN	C+
42	SNC21CS044	UTHARA M V	C+
43	SNC21CS045	VAISHNAV K P	B+
44	SNC21CS046	VISHAK K R	B
45	SNC21CS047	VISHAL V V	C+
46	SNC21CS048	VYSHAK UMESHAN	B
47	SNC21CS049	YADHUKRISHNAN K V	F
STUDENT COUNT HAVING GRADE B OR HIGHER			37
ATTAINMENT PERCENTAGE			78.72340426
ATTAINMENT LEVEL			L1

Santhosh
HOD/WE

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)

CO ATTAINMENT LEVEL - FINAL

	CO1		CO2		CO3		CO4		CO5	
	INT	UNI	INT	UNI	INT	UNI	INT	UNI	INT	UNI
	L1	L1	L2	L1	L1	L1	L1	L1	L1	L1
ATTAINMENT	1		1.8		1		1		1	

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COURSE EXIT SURVEY RESPONSES

Sem.: III
 Name of the Faculty member: NIMISHA M K

OBJECT ORIENTED PROGRAMMING USING JAVA

Subject Code: CST 205

CO No.	CO description	Course Exit Survey Questions	No. of students given the ratings						Total Responses	Weighted Average	CO Max. Count	%age CO attainment
			0	1	2	3	4	5				
CO1	Java programs using the object oriented concepts - classes, objects, constructors, data hiding, inheritance and polymorphism (Cognitive Knowledge Level: Apply)	Write Java programs using the object oriented concepts - classes, objects, constructors, data hiding, inheritance and polymorphism ?	0	0	0	7	10	30	47	4.489361702	5	89.78723404
CO2	Datatypes, operators, control statements, built in packages & interfaces, Input/ Output Streams and Files in Java to develop programs (Cognitive Knowledge Level: Understand)	Utilise datatypes, operators, control statements, built in packages & interfaces, Input/ Output Streams and Files in Java to develop programs ?	0	0	1	5	9	32	47	4.531914894	5	90.63829787
CO3	Programs can be written in Java using exception handling mechanism (Cognitive Knowledge Level: Understand)	Illustrate how robust programs can be written in Java using exception handling mechanism ?	0	0	4	5	10	28	47	4.319148936	5	86.38297872
CO4	Application programs in Java using multithreading and database connectivity (Cognitive Knowledge Level: Apply)	Write application programs in Java using multithreading and database connectivity ?	0	0	0	8	9	30	47	4.468085106	5	89.36170213
CO5	Graphical User Interface based application programs by utilising event handling features and Swing in Java (Cognitive Knowledge Level: Apply)	Write Graphical User Interface based application programs by utilising event handling features and Swing in Java ?	0	0	0	8	8	31	47	4.489361702	5	89.78723404

CO Assessment method	CO1	CO2	CO3	CO4	CO5
Direct method	76	80	79	73	73
Weightage (80%)	60.8	64	63.2	58.4	58.4
Indirect method (Course Exit Survey)	90	91	86	89	90
Weightage (20%)	18	18.2	17.2	17.8	18
Final CO Attainment	78.8	82.2	80.4	76.2	76.4

LEVEL	1	2	2	1	1
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Nimisha

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 HoD CSE

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