

Academic Calendar - March 2022 to August 2022

B.Tech S6/S4/S2, B.Arch S6/S4/S2, BHMCT S4/S2

		Mar-22				Apr-22				May-22	
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Tue	1	Maha Sivarathri		Fri	1		3	Sun	1	May Day	
Wed	2			Sat	2		4	Mon	2	ld-ul-Fitr	
Thu	3			Sun	3			Tue	3	First CC Meeting for B.Tech S6/S4/S2,B.Arch S2	26
Fri	4			Mon	4		5	Wed	4	Course Selection and Mapping Ends for BHMCT S4/S2, B.Arch S6/S4	27
Sat	5			Tue	5		6	Thu	5		28
Sun	6			Wed	6	Commencement of classes BHMCT S2	7	Fri	6		29
Mon	7			Thu	7	Commencement of classes B.Arch S6/S4	8	Sat	7		30
Tue	8			Fri	8		9	Sun	8		
Wed	9			Sat	9			Mon	9		31
Thu	10			Sun	10			Tue	10	Course Selection and Mapping Ends for B.Tech S4/S2,B.Arch S2	32
Fri	11			Mon	11		10	Wed	11		33
Sat	12			Tue	12	Commencement of classes B.Tech S6	11	Thu	12		34
Sun	13			Wed	13		12	Fri	13	First Series test to be completed BHMCT S4/S2, B.Arch S6/S4	35
Mon	14			Thu	14	Maundy Thursday		Sat	14		
Tue	15			Fri	15	Vishu/ Good Friday		Sun	15		
Wed	16			Sat	16		13	Mon	16		36
Thu	17			Sun	17			Tue	17		37
Fri	18			Mon	18	Commencement of classes B.Arch S2/B.Tech S2	14	Wed	18		38
Sat	19			Tue	19		15	Thu	19		39
Sun	20			Wed	20		16	Fri	20		40
Mon	21			Thu	21	Commencement of classes B.Tech S4	17	Sat	21		41
Tue	22			Fri	22		18	Sun	22		
Wed	23			Sat	23		19	Mon	23		42
Thu Fri	25			Sun Mon	24 25	First CC Meeting for BHMCT S4/S2, B.Arch S6/S4 Course Selection and Mapping Begins for B.Tech S6	20	Tue Wed	25	Second CC Meeting for BHMCT S4/S2, B.Arch S6/S4 Exam Registration begins for BHMCT S4/S2, B.Arch S6/S4	43
Sat	26			Tue	26		21	Thu	26		45
Sun	27			Wed	27	Course Selection and Mapping Ends for B.Tech S6	22	Fri	27		46
Mon	28			Thu	28	Course Selection and Mapping Begins for BHMCT S4/S2, B.Arch S6/S4	23	Sat	28	First Series test to be completed for B.Tech S6/S4/S2,B.Arch S2 Exam Registration Ends for BHMCT S4/S2, B.Arch S6/S4	47
Tue	29			Fri	29		24	Sun	29		
Wed	30	Commencement of classes BHMCT S4	1	Sat	30	Course Selection and Mapping Begins for B.Tech S4/S2, B.Arch S2	25	Mon	30	Exam Registration begins for B.Tech S6/S4/S2,B.Arch S2	48
Thu	31		2					Tue	31		49





Academic Calendar - March 2022 to August 2022

B.Tech S6/S4/S2, B.Arch S6/S4/S2, BHMCT S4/S2

		Jun-22		Jul-22					Aug-22					
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class			
Wed	1		50	Fri	1		75	Mon	1		99			
Thu	2		51	Sat	2	Third CC Meeting for B.Tech S6/S4/S2,B.Arch S2	76	Tue	2		100			
Fri	3	Second CC Meeting for B.Tech S6/S4/S2,B.Arch S2 Exam Registration Ends for B.Tech S6/S4/S2,B.Arch S2	52	Sun	3			Wed	3		101			
Sat	4		53	Mon	4		77	Thu	4		102			
Sun	5			Tue	5		78	Fri	5		103			
Mon	6		54	Wed	6	Second Series test to be completed for B.Tech S6/S4/S2,B.Arch S2	79	Sat	6		104			
Tue	7		55	Thu	7		80	Sun	7					
Wed	8		56	Fri	8	Second Series test to be completed for BHMCT S2	81	Mon	8	Muharram				
Thu	9		57	Sat	9			Tue	9					
Fri	10		58	Sun	10			Wed	10					
Sat	11			Mon	11		82	Thu	11					
Sun	12			Tue	12		83	Fri	12					
Mon	13		59	Wed	13		84	Sat	13					
Tue	14		60	Thu	14		85	Sun	14					
Wed	15		61	Fri	15	Publish IA Marks for BHMCT S4	86	Mon	15	Independence Day				
Thu	16		62	Sat	16	Class Ends Publish Attendance for BHMCT S4	87	Tue	16					
Fri	17		63	Sun	17			Wed	17					
Sat	18		64	Mon	18	Publish IA Marks for B.Arch S6/S4	88	Thu	18	Sreekrishna Jayanthi				
Sun	19			Tue	19	Class Ends Publish Attendance for B.Arch S6/S4 Publish IA Marks for B.Tech S2/B.Arch S2	89	Fri	19					
Mon	20		65	Wed	20	Class Ends Publish Attendance for B.Tech S2/B.Arch S2	90	Sat	20					
Tue	21		66	Thu	21		91	Sun	21					
Wed	22		67	Fri	22	Publish IA Marks for B.Tech S6	92	Mon	22					
Thu	23	Second Series test to be completed for BHMCT S4, B.Arch S6/S4	68	Sat	23	Class Ends Publish Attendance for B.Tech S6	93	Tue	23					
Fri	24		69	Sun	24			Wed	24					
Sat	25	Third CC Meeting for BHMCT S4/S2, B.Arch S6/S4	70	Mon	25		94	Thu	25					
Sun	26			Tue	26		95	Fri	26					
Mon	27		71	Wed	27		96	Sat	27					
Tue	28		72	Thu	28	Karkadaka Vavu		Sun	28					
Wed	29		73	Fri	29	Publish IA Marks for BHMCT S2,B.Tech S4 Class Ends Publish Attendance	97	Mon	29					
Thu	30		74	Sat	30	for BHMCT S2,B.Tech S4	98	Tue	30					
<u> </u>				Sun	31			Wed	31					



Academic Calendar - March 2022 to August 2022

B.Tech S6/S4/S2, B.Arch S6/S4/S2, BHMCT S4/S2

	Even Semester(2021-22)	
SI.No	Important Events	Important Dates
1	Commencement of classes BHMCT S4	30-03-2022
2	Commencement of classes BHMCT S2	06-04-2022
3	Commencement of classes B.Arch S6/S4	07-04-2022
4	Commencement of classes B.Tech S6	12-04-2022
5	Commencement of classes B.Tech S2, B.Arch S2	18-04-2022
6	Commencement of classes B.Tech S4	21-04-2022
7	CC Meetings for BHMCT S4/S2, B.Arch S6/S4	25-04-2022,25-05-2022, 25-06-2022
8	CC Meetings for B.Tech S6/S4/S2,B.Arch S2	03-05-2022,03-06-2022, 02-07-2022
9	Course Selection and Mapping Begins for B.Tech S6	25-04-2022
10	Course Selection and Mapping Ends for B.Tech S6	27-04-2022
11	Course Selection and Mapping Begins for BHMCT S4/S2, B.Arch S6/S4	28-04-2022
12	Course Selection and Mapping Ends for BHMCT S4/S2, B.Arch S6/S4	04-05-2022
13	Course Selection and Mapping Begins for B.Tech S4/S2,B.Arch S2	30-04-2022
14	Course Selection and Mapping Ends for B.Tech S4/S2,B.Arch S2	10-05-2022
15	First Series test to be completed BHMCT S4/S2, B.Arch S6/S4	13-05-2022
16	First Series test to be completed for B.Tech S6/S4/S2,B.Arch S2	28-05-2022
17	Second Series test to be completed for BHMCT S4, B.Arch S6/S4	23-06-2022
18	Second Series test to be completed for BHMCT S2	08-07-2022
19	Second Series test to be completed for B.Tech S6/S4/S2,B.Arch S2	06-07-2022
20	Exam Registration begins for BHMCT S4/S2, B.Arch S6/S4	25-05-2022
21	Exam Registration Ends for BHMCT S4/S2, B.Arch S6/S4	28-05-2022
22	Exam Registration begins for B.Tech S6/S4/S2,B.Arch S2	30-05-2022
23	Exam Registration Ends for B.Tech S6/S4/S2,B.Arch S2	03-06-2022
24	Publish IA Marks for BHMCT S4	15-07-2022
25	Class Ends Publish Attendance for BHMCT S4	16-07-2022
26	Publish IA Marks for B.Arch S6/S4	18-07-2022
27	Class Ends Publish Attendance for B.Arch S6/S4	19-07-2022
28	Publish IA Marks for B.Tech S2/B.Arch S2	19-07-2022
29	Class Ends Publish Attendance for B.Tech S2/B.Arch S2	20-07-2022
30	Publish IA Marks for B.Tech S6	22-07-2022
31	Class Ends Publish Attendance for B.Tech S6	23-07-2022
32	Publish IA Marks for BHMCT S2,B.Tech S4	29-07-2022
33	Class Ends Publish Attendance for BHMCT S2,B.Tech S4	30-07-2022
34	Commencement of End Semester Examination BHMCT S4	26/07/2022 to 12/08/2022
35	Commencement of End Semester Examination B.Arch S6	01/08/2022 to 12/08/2022
36	Commencement of End Semester Examination B.Tech S2,B.Arch S4/S2	01/08/2022 to 17/08/2022

37	Commencement of End Semester Examination B.Tech S6	04/08/2022 to 20/08/2022
38	Commencement of End Semester Examination B.Tech S4,BHMCT S2	10/08/2022 to 24/08/2022





Academic Calendar - November 2021 to March 2022

B.Tech S1/S3/S5, B.Arch S1/S3/S5, B.Des S1/S3, BHMCT S1/S3, MCA S3, MBA S3, Int MCA S3, M.Tech S1, M.Arch S1, M.Plan S1

		No. 24		M. Fech SI, W. Arch SI, M. Flan SI							
		Nov-21				Dec-21				Jan-22	
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Mon	1		1	Wed	1	First CC Meeting	25	Sat	1		44
Tue	2		2	Thu	2	Course Selection and Mapping Ends(B.Arch S3, B.Tech S3,MCA S3, MBA S3,Int MCA S3,B.Arch S5)		Sun	2		
Wed	3		3	Fri	3		27	Mon	3		45
Thu	4	Deepavali		Sat	4		28	Tue	4		46
Fri	5		4	Sun	5			Wed	5		47
Sat	6		5	Mon	6	Course Selection and Mapping Begins(S1 BHMCT/ B.Arch/ B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	29	Thu	6		48
Sun	7			Tue	7		30	Fri	7	First Series test to be completed(S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5, B.Tech S5)	49
Mon	8	Commencement of classes(B.Des S3)	6	Wed	8		31	Sat	8		
Tue	9		7	Thu	9	Student Enrollment of all first semester UG & PG Programmes Ends.	32	Sun	9		
Wed	10		8	Fri	10	Course Selection and Mapping Ends(S1 BHMCT/ B.Arch/ B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	33	Mon	10		50
Thu	11		9	Sat	11			Tue	11		51
Fri	12		10	Sun	12			Wed	12		52
Sat	13			Mon	13		34	Thu	13		53
Sun	14			Tue	14		35	Fri	14	First Series test to be completed (S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/ M.Tech)	54
Mon	15	Commencement of classes (B.Arch S3, B.Tech S3, MCA S3, MBA S3,Int MCA S3, B.Arch S5)	11	Wed	15		36	Sat	15		55
Tue	16		12	Thu	16		37	Sun	16		
Wed	17		13	Fri	17		38	Mon	17		56
Thu	18	Commencement of classes (B.Tech S5,BHMCT S3)	14	Sat	18			Tue	18		57
Fri	19		15	Sun	19			Wed	19		58

Sat	20		16	Mon	20			Thu	20		59
Sun	21			Tue	21			Fri	21		60
Mon	22	Commencement of classes (BHMCT S1 , B.Arch S1,B.Des S1 , B.Tech S1)	17	Wed	22			Sat	22		61
Tue	23	Course Selection and Mapping Begins(B.Tech S5,B.Des S3, BHMCT S3)	18	Thu	23			Sun	23		
Wed	24		19	Fri	24			Mon	24		62
Thu	25	Course Selection and Mapping Ends(B.Tech S5,B.Des S3,BHMCT S3)	20	Sat	25	Christmas		Tue	25		63
Fri	26	Course Selection and Mapping Begins(B.Arch S3, B.Tech S3,MCA S3, MBA S3, Int MCA S3,B.Arch S5)	21	Sun	26			Wed	26	Republic Day	
Sat	27		22	Mon	27		39	Thu	27		64
Sun	28			Tue	28		40	Fri	28	Second CC Meeting	65
Mon	29	Commencement of classes(M.Arch S1, M.Plan S1, M.Tech S1)	23	Wed	29		41	Sat	29		66
Tue	30	Student Enrollment of all first semester UG , PG Programmes begins.	24	Thu	30		42	Sun	30		
				Fri	31		43	Mon	31		67





Academic Calendar - November 2021 to March 2022

B.Tech S1/S3/S5, B.Arch S1/S3/S5, B.Des S1/S3, BHMCT S1/S3, MCA S3, MBA S3, Int MCA S3, M.Tech S1, M.Arch S1, M.Plan S1

		Feb-22				Mar-22	
Days	Date	Description	Class	Days	Date	Description	Class
Tue	1	Exam Registration Begins (All Programmes)	68	Tue	1	Maha Sivarathri	
Wed	2		69	Wed	2		91
Thu	3		70	Thu	3	Third CC Meeting (S1 BHMCT/ B.Arch/ B.Des/ B.Tech/M.Arch/M.Plan/ M.Tech	92
Fri	4		71	Fri	4		93
Sat	5		72	Sat	5		94
Sun	6			Sun	6		
Mon	7		73	Mon	7	Publish IA Marks(S1 BHMCT/ B.Arch/ B.Des/ B.Tech/M.Arch/M.Plan/M.Te ch)	95
Tue	8		74	Tue	8		96
Wed	9		75	Wed	9	Class Ends Publish Attendance(S1 BHMCT/ B.Arch/B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	97
Thu	10	Exam Registration Ends (All Programmes)	76	Thu	10		98
Fri	11		77	Fri	11		99
Sat	12			Sat	12		
Sun	13			Sun	13		
Mon	14		78	Mon	14		100
Tue	15		79	Tue	15		101
Wed	16		80	Wed	16		102
Thu	17		81	Thu	17		103
Fri	18		82	Fri	18		104
Sat	19	Second Series test to be completed(S3 B.Des/ B.Arch/ B.Tech /BHMCT /MCA/MBA/Int MCA, B.Arch S5. B.Tech S5)	83	Sat	19		105
Sun	20			Sun	20		
Mon	21		84	Mon	21		106
Tue	22		85	Tue	22		107
Wed	23	Third CC Meeting (S3 B.Des/ B.Arch/B.Tech/ BHMCT/MCA/ MBA/Int MCA, B.Arch S5, B.Tech S5)	86	Wed	23		108
Thu	24		87	Thu	24		109

Fri	25	Publish IA Marks (S3 B.Des/ B.Arch/B.Tech/ BHMCT/MCA/ MBA/Int MCA, B.Arch S5, B.Tech S5)	88	Fri	25	110
Sat	26	Second Series test to be completed (S1 BHMCT/ B.Arch/B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	89	Sat	26	111
Sun	27			Sun	27	
Mon	28	Class Ends Publish Attendance (S3 B.Des/ B.Arch/B.Tech/ BHMCT/ MCA/ MBA/Int MCA, B.Arch S5, B.Tech S5)	90	Mon	28	112
				Tue	29	113
				Wed	30	114
				Thu	31	115





Academic Calendar - November 2021 to March 2022

B.Tech S1/S3/S5, B.Arch S1/S3/S5, B.Des S1/S3, BHMCT S1/S3, MCA S3, MBA S3, Int MCA S3, M.Tech S1, M.Arch S1, M.Plan S1

	Events	
SI. No.	Odd Semester(2021-22)	Important Dates
	Commencement of classes and registration (B.Des S3)	08-Nov
	Commencement of classes(B.Arch S3, B.Tech S3,MCA S3, MBA S3,Int MCA S3,B.Arch S5)	15-Nov
1	Commencement of classes (B.Tech S5,BHMCT S3)	18-Nov
	Commencement of classes (BHMCT S1 , B.Arch S1,B.Des S1 , B.Tech S1)	22-Nov
	Commencement of classes(M.Arch S1,M.Plan S1, M.Tech S1)	29-Nov
2	Student Enrollment of all first semester UG , PG Programmes	30 Nov - 9 Dec
	Course Selection and Mapping (B.Tech S5,B.Des S3,BHMCT S3)	23 Nov - 25 Nov
3	Course Selection and Mapping (B.Arch S3, B.Tech S3,MCA S3, MBA S3,Int MCA S3,B.Arch S5)	26 Nov - 2 Dec
	Course Selection and Mapping Begins(S1 BHMCT/ B.Arch/ B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	6 Dec - 10 Dec
4	CC Meetings	Dec 1, Jan 28,
		Feb 23, Mar 3
5	First Series test to be completed(S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5, B.Tech S5)	07-Jan
	First Series test to be completed (S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	14-Jan
6	Exam Registration	Feb 1 - Feb 10
7	Second Series test to be completed(S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5, B.Tech S5)	19-Feb
8	Publish IA Marks (S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5, B.Tech S5)	25-Feb
9	Class Ends Publish Attendance (S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5, B.Tech S5)	28-Feb
10	Second Series test to be completed (S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	26-Feb
11	Publish IA Marks(S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	07-Mar
12	Class Ends Publish Attendance(S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	09-Mar





SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR

Name of Faculty Member: Beya Raj	S
Designation - Dest Professor De	partment: CS E
Course Code & Course Name: -CS.T.206	Operating Systems
Academic Year: - 20.21-22 Semester: -	Batch: _2020 = 2024

SI.	COURSE FILE INDEX:THEORY	ITEM
NO.	ITEM DESCRIPTION	NO.
1	COURSE DIARY/ATTENDANCE REGISTER	1
	VISION AND MISSION OF THE DEPARTMENT	1
	SCHEDULE OF WORK	1
	PROGRAM EDUCATIONAL OBJECTIVES (PEOs)/SYLLABUS	3
	COURSE PRE-REQUISITES	5
	COURSE OUTCOMES	5
-	PROGRAM OUTCOMES (POs) & PROGRAM SPECIFIC OUTCOMES (PSOs)	5
	COURSE OUTCOMES Vs Pos and PSOs MAPPING	5
	GAPS IN THE SYLLABUS	6
1	TOPICS BEYOND SYLLABUS	6
	ASSESSMENT METHODOLOGIES-DIRECT/INDIRECT	6
	COURSE PLAN	7
5	CALENDER FOR THE SEMESTER	9
	ATTENDANCE STATEMENT	15
	ASSIGNMENT MARKS	15
	FIRST/SECOND SERIES MARK STATEMENT	15
	SESSIONAL MARK STATEMENT	15
	ASSIGNMENT TOPICS	22
	SUBJECT COVERAGE	23
	DETAILS OF CLASS ADJUSTMENT	26
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	DETAILS OF EXTRA CLASSES	29
9 .	DETAILS OF TUTORIAL CLASSES	30
	CONSOLIDATED ACADEMIC DATA SHEET	36
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5	UNIT TESTS (A)QUESTION PAPER (B)SAMPLE ANSWER SHEETS (C)MARKLIST	V
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6	ASSIGNMENTS (QUESTION PAPER AND SAMPLE ASSIGNMENT)	V
7	TUTORIAL SHEETS	VI
8	FACULTY COURSE FEEDBACK	E
9	STUDENTS EXAMINATION ELIGIBILITY DETAILS	2
10	COURSE EXIT SURVEY	X
11	UNIVERSITY EXAM GRADE SHEET	X
12	CO-PO & PSO ATTAINMENT OUTPUT SHEET	X
13		X
14	QUESTION BANK PREVIOUS YEAR UNIVERSITY QUESTION PAPERS & ANSWER KEY) X
15	PREVIOUS YEAR UNIVERSITY QUESTION PATERS & AUSTER RET	X
16	HANDOUTS/STUDY MATERIALS	^

SIGNATURE OF FACULTY

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SREE BUDDHA COLLEGE OF ENGINEERING

Pattoor P.O., Padanilam, Nooranad Alappuzha District, Kerala, Pin: 690529

COURSE DIARY: LABORATORY

Vision

To create professionally competent Engineers with human values and social commitment.

Mission

- Offer well balanced curriculum with student-centric approach.
- Encourage students to participate in innovation, lifelong learning and research.
- Impart ethical and human values focusing on rural needs and sustainability.

: COMPUTER Science And Engineering BRANCH

YEAR : 2021 SEMESTER

: CSL 201 BATCH : 2020 - 2024 COURSE CODE

COURSE NAME : DATA STRUCTURES LAB

NAME OF FACULTY MEMBER: Supriya L.P/ Arya Ray S/SOUMY A
DESIGNATION: ASSISTANT PROFESSOR MURA

: COMPUTER SCIENCE AND DEPARTMENT CAIGINGERING

Department Computer Science AND ENGINEERING

Vision and Mission of the Department

VISION: - TO create competent Computer Engineers with

Social Committeent:

Mission:

- Provide Student Contric learning environment to

Create competent Computer Engineers:

- Instigate Research, innovation & entrepreneuslip

Initiation:

- Impact skills & Creative thinking about to provide.

Life log learning:

BRANCH : CSG

SEMESTER : Deel

YEAR : 2020 - 2021

COURSE CODE : CS L 20 | BATCH : 2019 - 2023

COURSE NAME : DATA STRUCTURES

LAB

NAME OF FACULTY MEMBER: Supriya LP | Sourrya Mulali Arga Ray

MOBILE NO : 949695 3614.

DESIGNATION : ASSISTANT PROFESSOR

DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING.

SCHEDULE OF WORK

DAYS	1	2	3	4	5	6	7	8
MON					k	DS A	AB	
TUE								
WED								
THU		K-	10 T	LAB-	*			
FRI								

SYLLABUS

- 1. Implementation of Polynomials and Sparse matrices using arrays**
- 2. Implementation of Stack , Queues, Priority Queues, DEQUELIE and Circular Queues using arrays**
- 3. Application problems using stacks: Conversion of expression from one notation to another notation . **
- 4. Implementation of various linked list operations: **
- 5. Implementation of stack, queue and their applications using linked list pression
- 6. Implementation of trees using linked list
- 7. Representation of polynomials using linked list, addition and multiplication of polynomials. **
- 8. Implementation of binary trees using linked lists and arrays- creations, insertion, deletion and traversal. **
- 9. Implementation of binary search trees creation, insertion, deletion, search
- 10. Any application programs using trees
- 11. Implementation of sorting algorithms bubble, insertion, selection, quick, merge sort

COMPUTER SCIENCE AND ENGINEERING

and heap sort. **

- 12. Implementation of searching algorithms linear search, binary search.**
- Representation of graphs and computing various parameters (in degree, out degree etc.) adjacency list, adjacency matrix.
- 14. Implementation of BFS and DFS for each graph representations. **
- 15. Implementation of hash table using your own mapping functions and observe collisions and overflow resolving schemes.**
- 16. Simulation of first-fit, best-fit and worst-fit allocations.
- 17. Simulation of a basic memory allocator and garbage collector using doubly linked list.
 ** mandatory.

COURSE OUTCOMES

COs	Description	Cognition level	PO (1-12) Mapping	
CO 1	write or time space efficient program using accord with which list I trees I graph to program according to meeting a graph to program mention meeting a graph of the program mention of the program according to the program of the pro	m, 49		
CO 2	Sort a lint of seconds based on a given key			
CO 3	determine its space Complexity estimant Complexities of operation on it			
CO 4	Design and implement an efficient data structure to represent given data	A3		
CO 5	convert on all metric expression from me notation to another & wing unked list to the memory altocetion & garbage			

COURSE OUTCOMES vs POs MAPPING (DETAILED: High-3, Medium-2, Low-1)

	-		CHARGO BELL	DESCRIPTION OF THE PARTY OF THE		-								COLUMN 1885	
COs	P01	P02	P03	P04	PO5	PO6	P07	P08	PO9	PO10 PC)11 PO12	PSO1	PSO2	PSO3PS	04
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POs & PSO REFERENCE

	10001001		
P01	Engineering Knowledge	P09	Individual and Team work
PO2	Problem Analysis	PO10	Communication
PO3	Design/Development of Solutions	PO11	Project management Finance
PO4	Conduct of Investigation of Complex Problems	PO12	Lifelong learning
PO5	Modern Tool Usage	PSO1	
PO6	The Engineer and Society	PSO2	
PO7	Environment and Sustainability	PSO3	
PO8	Ethics	PSO4	

COURSE PLAN

Cycle	Session	List of Experiments
- de.de	1	To the amount of buton Linear Scale
		DELLA SARCE SARCE
		before obceations implement queue using array and
	3	white a program to implement queue using array and write a program of implement a singly linked list beginn while a program to implement a singly linked list beginn while a program to implement a singly linked list beginn
	5	list and perform addition and multiplication
	6	while a program to implement intix to postfix Conversion.
	7	weigh a program to preform evicuents of fregit.
	8	weite a program to perform evaluation of postfix
	9	Write a program to location Its and lors matrice
	10	write a progrem to perform insertin sort
	11	write a program to putorm quick sort
	17.600	write a program megesout
	13	while a program to perform heapsout.
	14	write a program implement a binary search free and
	15	write a program to implement of hash table unity various mapping of functions I various collisions l'overfere ser
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	19	Maria Canal Harden Strategical Control of the Canal
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