



AMBEDKAR COLLEGE OF ARTS & SCIENCE, WANDOOR
 (Aided by Govt. of Kerala & Affiliated to University of Calicut)
 Wandoor (PO), Pin 679328, Ph: 04931-249666
acaswandoor@gmail.com, Website: www.ambedkarcollegewdr.in

COURSE PLAN

Course code and title	CSC2C02- FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS		
Class	BSC MATHEMATICS	Semester	TWO
Regulation	2019	Academic year	2023-24
Course prerequisites	Background of the basic science at +2 level		
Course objectives	- To learn the basic concepts of various system software - To learn the basics of Computer Networks - To learn the basics of Databases		

COURSE OUTCOMES

At the end of the course the student would be able to...

	Understand and describe the fundamental concepts of system software, networks and DBMS.
CO1	
CO2	Apply networking protocols and standards to configure network devices.
CO3	Analyze database design principles and normalization techniques.
CO4	Evaluate complex SQL queries for data retrieval.
CO5	Create and develop web pages using IITML.

MAPPING OF PROGRAM OUTCOMES

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	✓			✓				✓		OF
CO2	✓			✓				✓		MDT
CO3	✓		✓	✓	✓			✓		
CO4	✓		✓	✓	✓		✓	✓		
CO5	✓		✓	✓	✓		✓	✓		



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PO1	Knowledge Acquisition	PO6	Ethics & Social Responsibility
PO2	Communication & Leadership	PO7	Research, Innovation & Entrepreneurship
PO3	Professional Skills	PO8	Lifelong Learning
PO4	Digital Intelligence	PO9	Global Perspective
PO5	Scientific awareness & Critical Thinking	PO10	Democratic Co-existence

PROGRAM SPECIFIC OUTCOMES

PSO1	Understand the theoretical and mathematical foundations of Computer Science
PSO2	Understand the concepts of system architecture, hardware, software and network configuration
PSO3	Acquire logical thinking and problem-solving skills to find solutions in the software domain
PSO4	Design, analyze and develop code-based solutions for the algorithms
PSO5	Address the industry demands and assimilate technical, logical and ethical skills needed for the industry
PSO6	Adapt to emerging trends and tackle the challenges in the software field.

MAPPING OF COURSE OUTCOMES TO PROGRAM EDUCATIONAL OUTCOMES

PROGRAM EDUCATIONAL OUTCOMES	COURSE OUTCOMES				
	CO1	CO2	CO3	CO4	CO5
PEO1: Development of Leadership Qualities. Graduates will demonstrate Leadership qualities by utilizing their full intellectual potential, engaging with their communities, and contributing to the social, cultural, and economic development of society.			✓	✓	✓
PEO2: Lifelong Learning and Societal Contribution. Graduates will be equipped with core values and intellectual capabilities enabling them to pursue lifelong learning and			✓	✓	✓



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meaningfully contribute to societal well-being through innovative thinking and service.						
PEO3: Entrepreneurial and Global Competence.						
Graduates will possess entrepreneurial skills and a global perspective, promoting sustainable national growth through ethical leadership, innovative ventures, and responsible citizenship.			✓		✓	✓
REFERENCES: 1. P. K Sinha, Fundamentals of Computers 2. D. M Dhamdhare, Operating System: A concept based Approach 3. Behrouz A Forouzan, Data Communication & Networking, MC Graw Hill 4. Joel Sklar, Principles of Web Page Design, Vikas Publications						
e-learning resources	https://www.tutorialspoint.com/system_software/index.htm https://www.geeksforgeeks.org/computer-network-tutorials/ https://www.geeksforgeeks.org/dbms/ https://www.w3schools.com/sql/ https://www.w3schools.com/html/					
Mode of Evaluation	Internal Examination (20%) End Semester Examination (80%)					
Faculty	Jasmine MT, Assistant Professor/ Department of Computer Science					
e-mail id	Jasminefasil123@gmail.com					



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COURSE PLAN

CSC2C02- FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS

No of lecture hours	Planned Date	Topics to be covered	Reference/ Teaching aids and methods	Actual date	Week ly review
MODULE I - System software					
1	03-01-2024	System software	T/WB	23/1/24	
2	04-01-2024	classification of programming languages	T/WB	21/2/24	
3	05-01-2024	Machine language	T/WB	21/2/24	
4	09-01-2024	Assembly language	T/WB	21/2/24	
5	10-01-2024	High level language	T/WB	15/2/24	
6	11-01-2024	Characteristics and Comparison	T/WB	15/2/24	
7	12-01-2024	language processors	T/WB	15/2/24	
8	16-01-2024	Assembler, Interpreter and Compiler	T/WB	15/2/24	
9	17-01-2024	Operating Systems	T/WB	16/2/24	
10	18-01-2024	Functions, types of OS	PPT/WB	16/2/24	
11	19-01-2024	batch, multiprogramming OS	PPT/WB	20/2/24	
12	23-01-2024	time sharing, real time and distributed OS	PPT/WB	22/2/24	
Planned hours	Actual hours	Date	Sign of Faculty	Review by HoD	Review by Principal
12	12	22/2/24			
MODULE II - Computer networks					
13	23-01-2024	Computer networks	T/WB	23/2/24	
14	24-01-2024	goals of networking	T/WB	23/2/24	
15	25-01-2024	network topologies	T/WB	23/2/24	
16	30-01-2024	types of networks (LAN, MAN and WAN)	T/WB	24/3/24	
17	31-01-2024	network model	T/WB	26/3/24	
18	01-02-2024	OSI model- 7 layers	PPT/WB	1/4/24	
19	02-02-2024	OSI model- 7 layers	PPT/WB	1/4/24	
20	06-02-2024	Internet Layer- 5 layers	PPT/WB	1/4/24	
21	07-02-2024	Internet Layer- 5 layers	PPT/WB	1/4/24	
22	08-02-2024	Communication Media	PPT/WB	1/4/24	
23	09-02-2024	Guided media, Twisted Pair	PPT/WB	21/3/24	
24	13-02-2024	Coaxial Cable and Fiber Optic cable	PPT/WB	23/4/24	
25	14-02-2024	Unguided media (microwave, satellite).	PPT/WB	2/4/24	
Planned hours	Actual hours	Date	Sign of Faculty	Review by HoD	Review by Principal
13	13	2/4/24			

Asst. Professor & Head
 Department of Mathematics
 Ambedkar College of Arts & Science
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MODULE III - Database Management Systems

26	15-02-2024	Database Management Systems		T/WB	3/4/24
27	16-02-2024	definition		T/WB	3/4/24
28	20-02-2024	structure of Database		T/WB	3/4/24
29	21-02-2024	data models		PPT	4/4/24
30	22-02-2024	Record based Data model		PPT	4/4/24
31	23-02-2024	Network model		PPT/WB	4/4/24
32	27-02-2024	Basic Components		PPT/WB	4/4/24
33	28-02-2024	Record types		PPT/WB	4/4/24
34	29-02-2024	data types		PPT/WB	5/4/24
35	29-02-2024	links		PPT/WB	5/4/24
36	01-03-2024	relationships		PPT/WB	5/4/24
37	05-03-2024	Hierarchical model		PPT/WB	6/4/24
38	06-03-2024	Relational model		PPT/WB	6/4/24
Planned hours	Actual hours	Date	Sign of Faculty	Review by HoD	Review by Principal
13	11	6/4/24	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

MODULE IV - Structured query language

39	07-03-2024	Structured query language		PPT/WB	4/6/24
40	12-03-2024	SQL Commands		PPT/WB	4/6/24
41	13-03-2024	DDL and DML		PPT/WB	4/6/24
42	14-03-2024	Create		WB	5/6/24
43	15-03-2024	Create		WB/T	5/6/24
44	19-03-2024	insert		WB/T	6/6/24
45	20-03-2024	insert		WB/T	6/6/24
46	21-03-2024	select		WB/T	7/6/24
47	22-03-2024	select		WB/T	7/6/24
48	26-03-2024	update		WB/T	12/6/24
49	27-03-2024	delete		WB/T	12/6/24
50	04-06-2024	alter		WB/T	13/6/24
51	05-06-2024	alter		WB/T	13/6/24
52	06-06-2024	drop commands		WB/T	13/6/24
Planned hours	Actual hours	Date	Sign of Faculty	Review by HoD	Review by Principal
13	11	13/6/24	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

MODULE V - HTML

53	07-06-2024	HTML		T/WB	14/6/24
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54	11-06-2024	Hypertext, hyper media			T/WB	14/6/24	
55	12-06-2024	understanding basic HTML tools			T/WB	19/6/24	
56	13-06-2024	HTML editor, web browser			T/WB	19/6/24	
57	14-06-2024	General structure of HTML document			T/WB	20/6/24	
58	18-06-2024	different types of elements			T/WB	20/6/24	
59	19-06-2024	doc type, comment element			T/WB	20/6/24	
60	20-06-2024	structural element, HTML tags and attributes			T/WB	21/6/24	
61	21-06-2024	<html>,<head>,<body>,<title>,<h1>..... ,<h6>, 			T/WB	21/6/24	
62	25-06-2024	<table>			NB/ppT	25/6/24	
63	26-06-2024	,<hr>			WB/ppT	26/6/24	
64	27-06-2024	adding links, background image to the body			WB/ppT	26/6/24	
65	28-06-2024	creating lists			WB/ppT	26/6/24	
Planned hours	Actual hours	Date	Sign of Faculty	Review by HoD	Review by Principal		
13							

FACULTY

HOD

SHARSHAD AMEERA.U
Asst. Professor & Head
Department of Mathematics
Ambedkar College of Arts & Science
Wandoor, Malappuram Dt.

PRINCIPAL





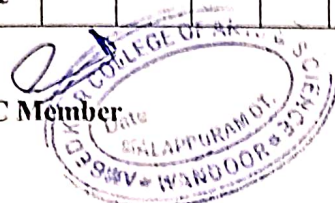
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Course outcome –Program outcome Mapping Table

CSC2C02- FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS		Cognitive level	Program outcomes									
			1- Low Correlation 2- Moderate Correlation 3- High Correlation									
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DIRECT METHOD												
CO1	Understand and describe the fundamental concepts of system software, networks and DBMS.	Remember	3			3				2		
CO2	Apply networking protocols and standards to configure network devices.	Apply	3			3				1		
CO3	Analyze database design principles and normalization techniques.	Apply & Analyze	3		2	3	1			1		
CO4	Evaluate complex SQL queries for data retrieval.	Create	3		3	3	3		2	2		
CO5	Create and develop web pages using HTML.	Innovate	3		3	3	3		2	2		
INDIRECT METHOD												
Class Room contests		Analyze & Create	2		2	3	2		1	1		

Course Faculty

IQAC Member



HoD

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COURSE PRE-ANALYSIS

Dear Students,

Welcome back to class, I would like to thank all of you for sparing your time in filling up this Course Pre-Analysis survey for the effective conduct of Computer Aided Design and Manufacturing Course. As you know that this survey is meant for knowing the knowledge level of the students with respect to this course, please fill it very carefully. At this juncture, I am glad to welcome the suggestions from you all (if any).

Rate your prior knowledge about the topics mentioned below

Course Outcomes	Description	Rate your prior knowledge about the topics			
		Excellent (4)	Good (3)	Moderate (2)	Fair (1)
CO1	Understand and describe the fundamental concepts of system software, networks and DBMS.				✓
CO2	Apply networking protocols and standards to configure network devices.				✓
CO3	Analyze database design principles and normalization techniques.				✓
CO4	Evaluate complex SQL queries for data retrieval.				✓
CO5	Create and develop web pages using HTML.				✓

Name of the student: Anena, KP

Signature of the student 



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Syllabus

UNIT I [6 T+6L]

System software - classification of programming languages (Machine, assembly & High level), Characteristics and Comparison, language processors (Assembler, Interpreter and Compiler), Operating Systems- Functions, types of OS (batch, multiprogramming, time sharing, real time and distributed)

UNIT II [7 T+6L]

Computer networks- goals of networking, network topologies, types of networks (LAN, MAN and WAN), network model, OSI model- 7 layers, Internet Layer- 5 layers, Communication Media Guided (Twisted Pair, Coaxial Cable and Fiber Optic) and Unguided (microwave, satellite).

UNIT III [6 T+7L]

Database Management Systems-definition, structure of Database, data models (Record based Data model, Network model: - Basic Components, Record types, data types, links, relationships, Hierarchical model and Relational model)

UNIT IV [6 T+7L]

Structured query language - Create, insert, select, update, delete, alter, drop commands

UNIT V [7 T+6L]

HTML-hypertext, hyper media, understanding basic HTML tools- HTML editor, web browser, General structure of HTML document, different types of elements-doc type, comment element, structural element, HTML tags and attributes: <html>, <body>, <head>, <title>, <h1>.....<h6>,
, <table>, , <hr>, adding links, background image to the body, creating lists.

References:

1. P. K Sinha, Fundamentals of Computers
2. D. M Dhamdhare, Operating System: A concept based Approach
3. Behrouz A Forouzan, Data Communication & Networking, MC Graw Hill
4. Joel Sklar, Principles of Web Page Design, Vikas Publications

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Course outcome –Program Specific outcome Mapping Table

Course outcomes	Program Specific outcomes					
	PSO1	PSO2	PSO3	PSO4	PSO45	PSO6
CO1	✓	✓				
CO2	✓	✓				✓
CO3	✓	✓			✓	✓
CO4	✓	✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓	✓	✓

Course Faculty

IQAC Member



HoD

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DIRECT ASSESSMENT OF COURSE OUTCOMES

INTERNAL ASSESSMENT TEST 30 MARKS				
Objective	To Identify What Students Have Learned and also to identify students strength and weakness			
To file	Answer scripts	Frequency	Once in a semester on dates specified by University	
Format	.			
Evaluation	Based on answer given in the scripts			
ASSIGNMENT: 3MARKS				
Objective	To enhance students understanding of a complex structural problems			
Product	Hand written assignment sheets			
Frequency	Semester			
Format	-			
Evaluation	Based on rubrics			
Criteria	No. of assignments: 1, Submit on or before the date of submission			
END SEMESTER EXAMINATION 100 MARKS (Reduced to 75 Marks)				
Objective	To assess the each student's knowledge of the course			
Product	Result analysis			
Frequency	Semester			
Format	Part –A 12 x 3 =24 marks, Part –B 5 x 7 = 25 marks 10 x 1=10, Total marks = 60, Duration : 2 hours			
Evaluation	Based on answer given in the scripts			
Marks out of 100	0-50 (22-37)	51-70 (38- 52)	71-100 (53-75)	0-50 (0-37)
Levels of attainment	1	2	3	Counseling / Coaching classes.



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COURSE EXIT SURVEY

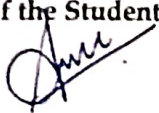
Dear Students,

We are seeking valuable feedback from you, to improve upon the course contents, coverage, methods of instruction and teaching learning methods of the course you have learned for the semester, kindly rate the process of delivering the syllabus from 1 – 5 scale (5-Excellent, 4-Very good, 3-Good 2-Average, 1-Below average)

Name			Reg No				
Course Code	CSC2C02	Name of Course	FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS				
Dept	MATHEMATICS	Semester	II	Date			
Sl No	Questioners		1	2	3	4	5
1.	Quality of the Course content					✓	
2.	Suitability of Contents beyond syllabus topics					✓	
3.	Relevance of the text& Reference books suggested					✓	
4.	Support of Library for the Course contents					✓	
5.	Course delivery methods by teacher					✓	
6.	Use of ICT tools in class				✓		
7.	Relevance of Syllabus topics for your placement			✓			
8.	Usefulness of the topics for life			✓			
9.	Content stimulates intellectually				✓		
10.	Fairness of the internal evaluation system					✓	
11.	Assignments, competitive evaluation methods					✓	
12.	Topics covered supported by online resources & LMS					✓	
I am able to achieve the following (Relating to Course outcomes)							
CO1	Understand and describe the fundamental concepts of system software, networks and DBMS.					✓	
CO2	Apply networking protocols and standards to configure network devices.				✓		
CO3	Analyze database design principles and normalization techniques.				✓		
CO4	Evaluate complex SQL queries for data retrieval.				✓		

CO5	Create and develop web pages using HTML			✓		
		Suggestions for				
Inclusions		Deletion of topics				

Signature of the Student



Class Advisor



HoD



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Attainment Levels of COs

Course Name: CSC2C02- FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS				
Assessment Methods	Target-Attainment Levels			Attainment
Internal Assessment	Level 1	50% of students scoring more than 35% marks in internal assessment tools		LEVEL 03
	Level 2	60% of students scoring more than 35% marks in internal assessment tools		
	Level 3	70% of students scoring more than 35% marks in internal assessment tools		
Assessment Methods	Target-Attainment Levels			Attainment
University Assessment	Level 1	50% of students scoring more than 35% marks in UE assessment tools		LEVEL 03
	Level 2	60% of students scoring more than 35% marks in UE assessment tools		
	Level 3	70% of students scoring more than 35% marks in UE assessment tools		



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DEPARTMENT OF MATHEMATICS
CO ATTAINMENT - IA TEST MARKS (EVEN SEM. 2023-2024)

Semester: II

Course: CSC1C01- FUNDAMENTALS OF SYSTEM
SOFTWARE, NETWORKS AND DBMS

Name of the faculty member: JASMINE MT

Name of the faculty member: JASMINE MT					
Sl. No.	Name of the student	REG NO	IA TEST	COURSE OUTCOMES	
			Q1 TO Q14	IA TEST	
			CO1 TO CO5	CO1 TO CO5	
Max. Marks			30	%age	Y/N
1	ANEENA.K.P	UFAXSMT001	30	100	Y
2	ASNA SHERIN V T	UFAXSMT002	29	97	Y
3	AYISHA HANNA C K	UFAXSMT003	29	97	Y
4	FATHIMA FIDHA K	UFAXSMT004	28	93	Y
5	FATHIMA MINNATH K	UFAXSMT005	30	100	Y
6	FATHIMA NASNA V T.	UFAXSMT006	26	87	Y
7	FATHIMA SHIFA. M.K	UFAXSMT007	25	83	Y
8	FATHIMA THAMJEEDA	UFAXSMT008	27	90	Y
9	FIDA PK	UFAXSMT009	26	87	Y
10	FIDHA V	UFAXSMT010	28	93	Y
11	HAFLA. T. K	UFAXSMT011	24	80	Y
12	MUFFEEDA SHIFA. M P	UFAXSMT012	23	77	Y
13	NUBLA SHANA . P	UFAXSMT013	20	67	Y
14	RABEEBA K P	UFAXSMT014	27	90	Y
15	RASHA JALEEL P	UFAXSMT015	19	63	Y
16	RISHWANA E K	UFAXSMT016	29	97	Y
17	ABOBACKER NAFIH T T	UFAXSMT017	12	40	Y
18	JAMSHEEDALI.C.P	UFAXSMT018	30	100	Y
19	MOHAMMED AMALSHAN T	UFAXSMT019	10	33	N
20	MUHAMMAD RISHWAN K	UFAXSMT020	23	77	Y
21	MUHAMMED ANSHIF . T	UFAXSMT021	9	30	N
22	MUHAMMED SHAHID.V	UFAXSMT022	28	93	Y
23	ANAYA U P	UFAXSMT023	29	97	Y



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DEPARTMENT OF MATHEMATICS

24	ANJIMA SHAJI	UFAXSMT024	27	90	Y
25	ARYA VS	UFAXSMT025	26	87	Y
26	HANEENA K	UFAXSMT026	28	93	Y
27	KRISHNENDHU K	UFAXSMT027	24	80	Y
28	RIYA . P	UFAXSMT028	22	73	Y
29	SWATHIKRISHNA A K	UFAXSMT029	24	80	Y
30	ARJUN.A	UFAXSMT030	AB	0	N
31	MUHAMMED AJNAS.K	UFAXSMT031	10	33	N
				27	
				90.00	

FOR LAL (CSC2C02)	CO1 to CO5
TARGET: 50% C	90.0



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DEPARTMENT OF MATHEMATICS

CO ATTAINMENT - ASSIGNMENT(EVEN SEM. 2023-2024)

Semester: II
 Name of the faculty member: JASMINE MT
 Course: CSC2C02 FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS

Sl. No.	Name of the student	REG NO	Max. Marks	ASSIGNMENT CO1 to CO5	SEMINAR CO1 to CO5	ATTENDANCE CE	COURSE OUTCOMES				ATTENDANCE	
							CO1 - 5	CO1 - 5	CO4 - 5	CO4 - 5	%age	Y/N
1	ANEENA K.P	UFAXSMT001		3	3	3	%age	Y/N	%age	Y/N	%age	Y/N
2	ASNA SHERIN V T	UFAXSMT002		3	3	3	100	Y	100	Y	100	Y
3	AYISHA HANNA C K	UFAXSMT003		3	3	3	100	Y	100	Y	100	Y
4	FATHIMA FIDHA K	UFAXSMT004		3	3	3	100	Y	100	Y	100	Y
5	FATHIMA MINNATH K	UFAXSMT005		3	3	3	100	Y	100	Y	100	Y
6	FATHIMA NASNA V T.	UFAXSMT006		3	3	3	100	Y	100	Y	100	Y
7	FATHIMA SHIFA. M.K	UFAXSMT007		3	3	3	100	Y	100	Y	100	Y
8	FATHIMA THAMJEEDA	UFAXSMT008		3	3	3	100	Y	100	Y	100	Y
9	FIDA PK	UFAXSMT009		3	3	2	100	Y	100	Y	66.6667	Y
10	FIDHA V	UFAXSMT010		3	3	3	100	Y	100	Y	100	Y
11	HAFLA. T. K	UFAXSMT011		3	3	3	100	Y	100	Y	100	Y
12	MUFEEDA SHIFA. M.P	UFAXSMT012		3	3	3	100	Y	100	Y	100	Y
13	NUBLA SHANA . P	UFAXSMT013		3	3	3	100	Y	100	Y	100	Y
14	RABEEBA K P	UFAXSMT014		3	3	3	100	Y	100	Y	100	Y
15	RASHA JALEEL P	UFAXSMT015		3	3	3	100	Y	100	Y	100	Y
16	RISHWANA E K	UFAXSMT016		3	3	3	100	Y	100	Y	100	Y

17	ABOBACKER NAFIH T T	UFAXSMT017	3	3	2	100	Y	100	Y	100	Y	88.8887	Y
18	JAMSHEEDALI.C.P	UFAXSMT018	3	3	3	100	Y	100	Y	100	Y	100	Y
19	MOHAMMED AMALSHANT	UFAXSMT019	3	3	2	100	Y	100	Y	100	Y	88.8887	Y
20	MUHAMMAD RISHWAN K	UFAXSMT020	3	3	2	100	Y	100	Y	100	Y	88.8887	Y
21	MUHAMMED ANSHIF . T	UFAXSMT021	3	3	3	100	Y	100	Y	100	Y	100	Y
22	MUHAMMED SHAHID.V	UFAXSMT022	3	3	3	100	Y	100	Y	100	Y	100	Y
23	ANAYA U P	UFAXSMT023	3	3	3	100	Y	100	Y	100	Y	100	Y
24	ANJIMA SHAJI	UFAXSMT024	3	3	3	100	Y	100	Y	100	Y	100	Y
25	ARYA VS	UFAXSMT025	3	3	3	100	Y	100	Y	100	Y	100	Y
26	HANEENA K	UFAXSMT026	3	3	3	100	Y	100	Y	100	Y	100	Y
27	KRISHNENDHU K	UFAXSMT027	3	3	3	100	Y	100	Y	100	Y	100	Y
28	RIYA . P	UFAXSMT028	3	3	3	100	Y	100	Y	100	Y	100	Y
29	SWATHIKRISHNA A K	UFAXSMT029	3	3	3	100	Y	100	Y	100	Y	100	Y
30	ARJUN.A	UFAXSMT030	0	0	1	0	N	0	N	0	N	33.3333	Y
31	MUHAMMED AJNAS.K	UFAXSMT031	3	3	3	100	Y	100	Y	100	Y	100	Y
						30		30		30		31	
						96.77		96.77		96.77		100.00	

FOR LAL (CSC2C02)	CO1 TO 5	CO1 TO 5	ATTENDANCE
	96.77	96.77	100.00

TARGET: 1) 90% OF STUDENTS WILL SCORE 35% OF MARKS IN ASSIGNMENT



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DEPARTMENT OF MATHEMATICS
CO ATTAINMENT - FINAL EXAM MARKS (EVEN SEM . 2023-2024)

Semester: II

Course: CSC2C02-FUNDAMENTALS OF SYSTEM SOFTWARE,
 NETWORKS AND DBMS

S+A 9+A 6:F+	Name of the student	REG NO	COURSE OUTCOMES	CO ATTAINMENT	
			CO 1 TO CO5	CO 1 TO CO5	
			Max. Grade points	%age	Y/N
1	ANEENA.K.P	UFAXSMT001	20	70	Y
2	ASNA SHERIN V T	UFAXSMT002	14	50	Y
3	AYISHA HANNA C K	UFAXSMT003	14	70	Y
4	FATHIMA FIDHA K	UFAXSMT004	10	50	Y
5	FATHIMA MINNATH K	UFAXSMT005	16	80	Y
6	FATHIMA NASNA V T.	UFAXSMT006	10	50	Y
7	FATHIMA SHIFA. M.K	UFAXSMT007	12	60	Y
8	FATHIMA THAMJEEDA	UFAXSMT008	14	70	Y
9	FIDA PK	UFAXSMT009	10	50	Y
10	FIDHA V	UFAXSMT010	14	70	Y
11	HAFLA. T. K	UFAXSMT011	14	70	Y
12	MUFEEDA SHIFA. M.P	UFAXSMT012	10	50	Y
13	NUBLA SHANA . P	UFAXSMT013	12	60	Y
14	RABEEBA K P	UFAXSMT014	12	60	Y
15	RASHA JALEEL P	UFAXSMT015	14	70	Y
16	RISHWANA E K	UFAXSMT016	10	50	Y
17	ABOBACKER NAFIH T T	UFAXSMT017	0	0	N
18	JAMSHEEDALIC.P	UFAXSMT018	12	60	Y
19	MOHAMMED AMALSHAN T	UFAXSMT019	10	50	Y
20	MUHAMMAD RISHWAN K	UFAXSMT020	10	50	Y
21	MUHAMMED ANSHIF . T	UFAXSMT021	10	50	Y
22	MUHAMMED SHAHID.V	UFAXSMT022	16	80	Y
23	ANAYA U P	UFAXSMT023	12	60	Y
24	ANJIMA SHAJI	UFAXSMT024	14	70	Y
25	ARYA VS	UFAXSMT025	12	60	Y
26	HANEENA K	UFAXSMT026	16	80	Y
27	KRISHNENDHU K	UFAXSMT027	10	50	Y
28	RIYA . P	UFAXSMT028	8	40	Y
29	SWATHIKRISHNA A K	UFAXSMT029	8	40	Y
30	ARJUN.A	UFAXSMT030	0	0	N

31	MUHAMMED AJNASK	UFAXSMT031	10	50	Y
				29	
				93.55	
		FOR L&L (CSC2C02)	CO1 to CO5		
			93.55		
		TARGET: 75% OF STUDENTS WILL SCORE 35% OF MARKS			



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DEPARTMENT OF MATHEMATICS

DIRECT ASSESSMENT METHOD - CO ATTAINMENT (EVEN SEM . 2023-2024)

Semester: II

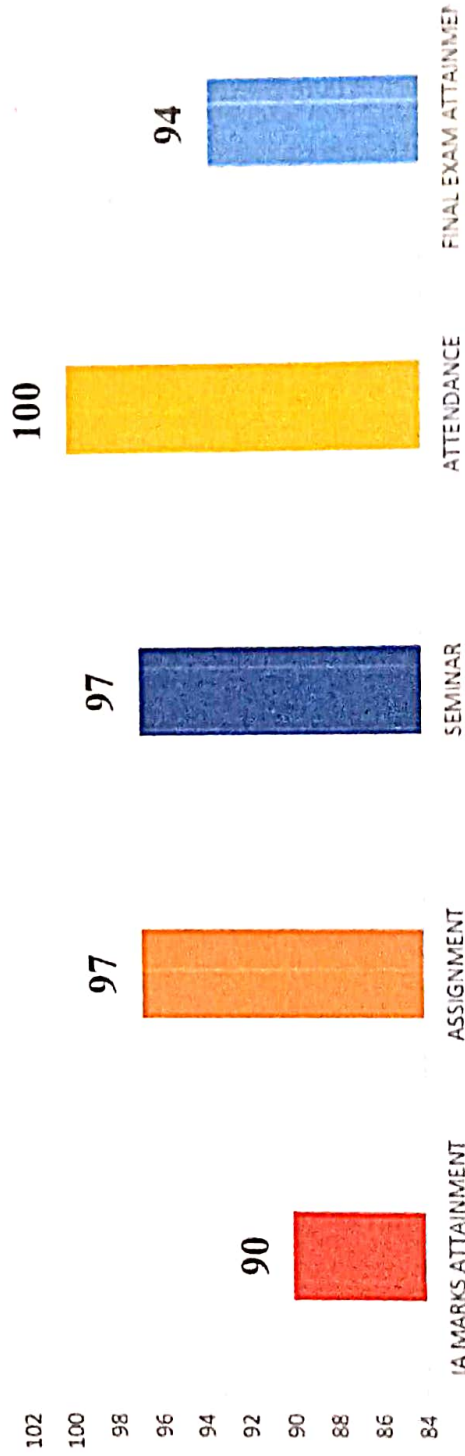
Course: CSC2C02-FUNDAMENTALS OF SYSTEM SOFTWARE,
NETWORKS AND DBMS

Name of the faculty member: JASMINE MT

TARGET: 60% ATTAINMENT

COs	CO1 to CO5
IA MARKS ATTAINMENT	90
ASSIGNMENT	97
SEMINAR	97
ATTENDANCE	100
FINAL EXAM ATTAINMENT	94
AVERAGE	95

COURSE OUTCOMES





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DEPARTMENT OF MATHEMATICS

COURSE EXIT SURVEY RESPONSES (EVEN SEM . 2023-2024)

Course: CSC2C02-FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS

Semester: II

Name of the faculty member: JASMINE MT

Sl. No.	NAME OF THE STUDENT	REG NO	Are you able to Understand and describe the fundamental concepts of system software, networks and DBMS.	Are you able to Apply networking protocols and standards to configure network devices.	Are you able to Analyze database design principles and normalization techniques.	Are you able to Evaluate complex SQL queries for data retrieval	Are you able to Create and develop web pages using HTML
COURSE OUTCOMES			CO1	CO2	CO3	CO4	CO5
1	ANEENA K P	UFAXSMT001	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)
2	ASNA SHERIN V T	UFAXSMT002	4 (Very Good)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)	5 (EXCELLENT)
3	AYISHA HANNA C K	UFAXSMT003	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)
4	FATHIMA FIDHA K	UFAXSMT004	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)
5	FATHIMA MINNATH K	UFAXSMT005	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
6	FATHIMA NASNA V T.	UFAXSMT006	5 (EXCELLENT)	4 (Very Good)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)
7	FATHIMA SHIFA. M.K	UFAXSMT007	4 (Very Good)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
8	FATHIMA THAMJEEDA	UFAXSMT008	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)
9	FIDA PK	UFAXSMT009	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)
10	FIDHA V	UFAXSMT010	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)	4 (Very Good)
11	HAFILA. T. K	UFAXSMT011	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
12	MUFEEDA SHIFA. M.P	UFAXSMT012	4 (Very Good)	4 (Very Good)	4 (Very Good)	4 (Very Good)	4 (Very Good)

13	NUBLA SHANA . P	UFAXSMT013	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
14	RABEEBA K P	UFAXSMT014	4 (Very Good)	4 (Very Good)	4 (Very Good)	4 (Very Good)	4 (Very Good)
15	RASHA JALEEL P	UFAXSMT015	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)
16	RISHWANA E K	UFAXSMT016	5 (EXCELLENT)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)	4 (Very Good)
17	ABOOBACKER NAFIH T T	UFAXSMT017	4 (Very Good)	4 (Very Good)	2 (Very Fair)	4 (Very Good)	3 (Good)
18	JAMSHEDALI C P	UFAXSMT018	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)
19	MOHAMMED AMALSHAN T	UFAXSMT019	4 (Very Good)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
20	MUHAMMAD RISHWAN K	UFAXSMT020	4 (Very Good)	4 (Very Good)	4 (Very Good)	3 (Good)	5 (EXCELLENT)
21	MUHAMMED ANSHIF . T	UFAXSMT021	4 (Very Good)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
22	MUHAMMED SHAHID V	UFAXSMT022	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)
23	ANAYA U P	UFAXSMT023	4 (Very Good)	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)	3 (Good)
24	ANJIMA SHAJI	UFAXSMT024	4 (Very Good)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)	5 (EXCELLENT)
25	ARYA VS	UFAXSMT025	5 (EXCELLENT)	4 (Very Good)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)
26	HANEENA K	UFAXSMT026	5 (EXCELLENT)	5 (EXCELLENT)	4 (Very Good)	5 (EXCELLENT)	4 (Very Good)
27	KRISHNENDHU K	UFAXSMT027	4 (Very Good)	4 (Very Good)	4 (Very Good)	5 (EXCELLENT)	3 (Good)
28	RIN'A . P	UFAXSMT028	5 (EXCELLENT)	4 (Very Good)	4 (Very Good)	3 (Good)	5 (EXCELLENT)
29	SWATHIKRISHNA A K	UFAXSMT029	4 (Very Good)	4 (Very Good)	4 (Very Good)	3 (Good)	5 (EXCELLENT)
30	ARJUN A	UFAXSMT030	3 (Good)	2 (Very Fair)	3 (Good)	1 (Fair)	1 (Fair)
31	MUHAMMED AJNASK	UFAXSMT031	5 (EXCELLENT)	5 (EXCELLENT)	5 (EXCELLENT)	3 (Good)	5 (EXCELLENT)
	No. of graded "0"	0	0	0	0	0	0
	No. of graded "1"	0	0	0	0	0	1
	No. of graded "2"	0	1	1	1	0	0
	No. of graded "3"	1	0	1	1	4	5
	No. of graded "4"	15	15	15	16	10	7
	No. of graded "5"	17	15	15	15	16	20



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DEPARTMENT OF MATHEMATICS COMPUTER SCIENCE, DATA SCIENCE, WEB DEVELOPMENT

Sl. No.	Course	Course Code	No. of students given the ratings					Total Responses	Weighted Average	No. of students	Weighted Average
			1	2	3	4	5				
1	Computer Science	CS101	0	0	0	0	0	0	0	0	0
2	Computer Science	CS102	0	0	0	0	0	0	0	0	0
3	Computer Science	CS103	0	0	0	0	0	0	0	0	0
4	Computer Science	CS104	0	0	0	0	0	0	0	0	0
5	Computer Science	CS105	0	0	0	0	0	0	0	0	0
6	Computer Science	CS106	0	0	0	0	0	0	0	0	0
7	Computer Science	CS107	0	0	0	0	0	0	0	0	0
8	Computer Science	CS108	0	0	0	0	0	0	0	0	0
9	Computer Science	CS109	0	0	0	0	0	0	0	0	0
10	Computer Science	CS110	0	0	0	0	0	0	0	0	0

Final CO Attainment

CO1 Assessment method	50	50	50	50	50	50	50	50	50	50	50
Direct method	50	50	50	50	50	50	50	50	50	50	50
(i) Test, Assignment, Quiz, etc. (ii) Project	50	50	50	50	50	50	50	50	50	50	50
Indirect method (Course Exit Survey)	50	50	50	50	50	50	50	50	50	50	50
Weightage (20%)	50	50	50	50	50	50	50	50	50	50	50
Weightage (80%)	50	50	50	50	50	50	50	50	50	50	50
Final CO Attainment	50	50	50	50	50	50	50	50	50	50	50





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DEPARTMENT OF MATHEMATICS

CO-PO-PSO MAPPING (ODD SEM . 2023-2024)

Semester: II

Name of the faculty member: JASMINE MT

Course: CSC2C02-FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND

(I) CO Attainment

A: Direct assessment (80%) - Tests, Assignment, Examination
B: Indirect assessment (20%) - Course and survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment		Overall Attainment	Target (%)	Attainment
			(a)	(b)	(c)			
C01	PO1, PO4 & PO8	PSO1 & PSO2	95	73.68		91		
C02	PO1, PO4 & PO8	PSO1, PSO2 & PSO6	95	72.11		91		
C03	PO1, PO3, PO4, PO5 & PO6	PSO1, PSO2, PSO4 & PSO5	95	70.53		90	75	YES
C04	PO1, PO3, PO4, PO5, PO7 & PO8	PSO1, PSO2, PSO3, PSO4, PSO5 & PSO6	95	70.00		90		
C05	PO1, PO3, PO4, PO5, PO7 & PO8	PSO1, PSO2, PSO3, PSO4, PSO5 & PSO6	95	72.63		91		

FACULTY

HOD

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