

## Annual Curricular Plan : 20 24 - 1 2025

Class : B.Sc Computer Science (Major)

Year : II

Subject : Mathematics

Paper : Group Theory

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	
1	August	1 week	3	Groups		-	-	-	-	-	-	-	-	
2		2 week	5	Theorems in groups		-	-	-	-	-	-	-	-	
3		3 week	5	Problems on groups		-	-	-	-	-	-	-	-	
4		4 week	6	Theorems & problems of order		Assigned	1	Yes	-	-	-	-	-	Assigned Conducted
5		1 week	6	Subgroups		-	-	-	-	-	-	-	-	
6	September	2 week	5	Algebra of Subgroups		-	-	-	-	-	-	-	-	
7		3 week	6	Cosets and Lagrange's theorem		Seminar	1	Yes	-	-	-	-	-	Seminar Conducted
8		4 week	6	Normal subgroups		-	-	-	-	-	-	-	-	

M. Raju  
Signature of the Lecturer

M. Raju  
Signature of the Department I/C

Signature of the Principal

# Annual Curricular Plan : 20 24-1 2025

Class :

Year : Subject

Paper :

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity					Co - Curricular Activity					Remarks
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date			
1	October	1 week	1	Theorems on regular Subgroups		Assignments	1	Yes	-	-	-	-	-	-	Assignments Conducted	
2		2 week		Diverse holidays		-	-	-	-	-	-	-	-	-		
3		3 week	6	Homomorphism of groups		Seminars	1	Yes	-	-	-	-	-	-	Seminar Conducted	
4		4 week	6	Theorems on homomorphism		Assigned	1	Yes	-	-	-	-	-	-	Assigned Conducted	
5	November	1 week	6	Permutation groups		-	-	-	-	-	-	-	-	-		
6		2 week	5	problems on permutations		-	-	-	-	-	-	-	-	-		
7		3 week	6	cyclic groups		Assignment	1	Yes	-	-	-	-	-	-	Assignment Conducted	
8		4 week	6	problems on cyclic groups		-	-	-	-	-	-	-	-	-		

H. P. P. Signature of the Lecturer

H. P. P. Signature of the Department I/C

Signature of the Principal

Class : B.Sc Computer Science Major      Year : II      Subject : Problem Solving using C      Paper : III

Annual Curricular Plan : 20 24 - 1 2025

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks	
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date		
	<u>December</u>														
1		1 week													
2		2 week													
3		3 week	5	Basic block diagram and functions of various components.	-	-	-	-	-	-	-	-	-	-	
4		4 week	4	Concepts of systems and hardware	-	-	-	-	-	-	-	-	-	-	
5		1 week	3	Compiler and interpreter	Completion and execution of C program	-	-	-	-	-	-	-	-	-	
6		2 week	<del>3</del>			PODIAL HOLIDAYS									
7	<u>January</u>														
		3 week	5	Flowchart, algorithms, tokens		-	-	-	-	Assignments	1	Yes	-	Assignment is given	
8		4 week	5	Operators and data types	Terminal questions	-	-	-	-	-	-	-	-	-	

H. Rajan  
Signature of the Lecturer

H. Rajan  
Signature of the Department I/C

Signature of the Principal

## Annual Curricular Plan : 2024 - 12025

Class : B.Sc Computer Science major

Year : 2

Subject : Problem solving using C

Paper : III

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks			
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date				
1	February	1 week	5	Input / output statements	Calculate Simple and compound interest												
2		2 week	3	Decision making statements	Debugging techniques	Student Seminars	1	Yes								Seminar conducted	
3		3 week	5	Loop & Jump Control statements	Fibonacci series	Assignment	1	Yes									Assignment is given
4		4 week	5	One - dimensional arrays	Armstrong number												
5		1 week	5	Two-dimensional arrays	Matrix multiplication												
6		2 week	3	Strings		Student Seminars	1	Yes									Seminar conducted
7		3 week	5	Functions, Storage classes		Assignment	1	Yes									Assignment is given
8		4 week	5	Pointers													

H. Raju  
Signature of the Lecturer

H. Raju  
Signature of the Department I/C

Signature of the Principal

## Annual Curricular Plan : 2024 - 1 2025

Class : B.Sc Computer Science major      Year : II      Subject : Problem solving with C      Paper : III

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks		
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date			
1	<u>April</u>	1 week	5	<u>Dynamic memory management</u>	-	-	-	-	-	-	-	-	-	-		
2		2 week	3		<u>Structures &amp; Unions</u>	-	-	-	-	-	-	-	-	-		
3		3 week														
4		4 week														
5		1 week														
6		2 week														
7		3 week														
8		4 week														

M. Rajan  
Signature of the Lecturer

M. Rajan  
Signature of the Department I/C

Signature of the Principal

## Annual Curricular Plan : 20 24 - 1 2025

Class : B.Sc Computer Science Major      Year : II      Subject : DBMS      Paper : IX

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks		
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date			
1	DECEMBER	1 week														
2		2 week														
3		3 week	5	Introduction to DBMS	-	-	-	-	-	-	-	-	-	-	-	
4		4 week	4	Classification of DBMS	-	-	-	-	-	-	-	-	-	-	-	
5		1 week	3	Components of DBMS		Assignments	1	Yes	-	-	-	-	-	-	Assignment is given	
6		2 week			PENGL	HOLIDAYS										
7		JANUARY	3 week	5	E-R Model	-	-	-	-	-	-	-	-	-	-	
8			4 week	5	E-E Model Generalization and Specialization	-	Student Seminar	1	Yes	-	-	-	-	-	-	Seminar Conducted

H. Dey  
Signature of the Lecturer

H. Dey  
Signature of the Department I/C

Signature of the Principal

Class : B.Sc Computer Science Major

Annual Curricular Plan : 20 24 - 1 2025

Year : II

Subject DMS

Paper : B

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks	
						Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not, alternate date		
1	FEBRUARY	1 week	5	Relational Model	-										
2		2 week	3	Relational System operations	-	Assignment	1	Yes	-	-	-	-	-	Assignment is given	
3		3 week	5	Tuple and domain relational calculus	-										
4		4 week	5	Functional dependency and normal forms	-										
5		1 week	5	Introduction to SQL	-	Student Seminar	1	Yes	-	-	-	-	-	Seminar Conducted	
6	MARCH	2 week	3	Commands and Data Types in SQL	-										
7		3 week	5	Aggregate Functions and various ops in SQL	-										
8		4 week	5	Introduction to PL/SQL	-	Assignment	1	Yes	-	-	-	-	-	Assignment is given	

Signature of the Lecturer

Signature of the Department I/C

Signature of the Principal

# Annual Curricular Plan : 20 - 1

Class :

Year :                      Subject

Paper :

Sl. No.	Month	Week	Hours available	Syllabus / topic	Additional Input/ Value Addition	Curricular Activity				Co - Curricular Activity				Remarks		
						Activity Conducted	Hours allotted	Whether Conducted	If not alternate date	Activity Conducted	Hours allotted	Whether Conducted	If not alternate date			
1	APRIL	1 week	5	Creating Physol Programs	-	-	-	-	-	-	-	-	-	-	-	
2		2 week	3	Procedures, Functions Triggison	-	-	-	-	-	-	-	-	-	-	-	
3		3 week														
4		4 week														
5		1 week														
6		2 week														
7		3 week														
8		4 week														

*H. Dey*  
Signature of the Lecturer

*H. Dey*  
Signature of the Department I/C

Signature of the Principal