

Class : B.Sc MPCs, MSCs

Annual Curricular Plan : 2023 - 1 2024

Abstract Algebra

Year : III Semtr Subject Mathematics

Paper : IV

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	September	1 week	2	Groups		-	-	-	-	-	-	-	-	
2		2 week	5	Theorems on groups		Assignment	1	Yes	-	-	-	-	-	Assignment Completed on
3		3 week	6	Problems on groups		-	-	-	-	-	-	-	-	-
4		4 week	12	Theorems & problems related to them		Assignment	1	Yes	-	Skip Test	1	Yes	-	Assignment Completed on
5		1 week	6	Subgroups		-	-	-	-	-	-	-	-	-
6	October	2 week	5	Algebra of Subgroups		Seminar	1	Yes	-	-	-	-	-	Seminar Conducted on
7		3 week		Dedekind's Theorem										
8		4 week	6	Cosets and Lagrange's Theorem		-	-	-	-	-	-	-	-	-

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Signature of the LecturerM. Ganga
Signature of the Department I/C

Signature of the Principal

Annual Curricular Plan : 2023 - 24

Paper : III

Class : BSc (MPC, MCI)

Year : II Subject : Mathematics

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	November	1 week	4	Normal Subgroups	-	-	-	-	-	-	-	-	-	-
2		2 week	5	Theorems on normal subgroups	-	Assigned	1	Yes	-	-	-	-	-	Assigned Conducted
3		3 week	6	Homomorphism, Isomorphism & groups	-	Seminar	1	Yes	-	-	-	-	-	Seminar Conducted
4		4 week	12	Ring, Integral Domains & Fields	-	Assignment	1	Yes	-	-	-	-	-	Assignment Conducted
5	December	1 week	2	Subgroups	-	-	-	-	-	-	-	-	-	-
6		2 week	5	Revision	-	-	-	-	-	-	-	-	-	-
7		3 week												
8		4 week												

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Annual Curricular Plan : 2023-24 - 12024

Class : B.Sc (Computer Science Major)

Year : I

Subject : Mathematics

Paper : I

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	January	1 week												
2		2 week												
3		3 week												
4	February	4 week	3	Ordinary differential equations	-	-	-	-	-	-	-	-	-	
5		1 week	3	Linear differential equations	-	Assignment	1	Yes	-	-	-	-	-	Assignment conducted
6		2 week	5	Bernoulli's differential equations	-	-	-	-	-	-	-	-	-	
7	February	3 week	6	Exact and non-exact differential equations	-	-	-	-	-	skip test	1	Yes	-	skip test conducted
8		4 week	10	Bifurcation diagrams of first order but not of the first degree	-	Seminar	1	Yes	-	-	-	-	-	

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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	March	1 week	2	Classmate's equation											
2		2 week	4	Higher order differential equations	-	Seminar	1	Yes	-	-	-	-	-	Seminar conducted	
3		3 week	6	Non-homogeneous differential equations	-	-	-	-		skip test	4	Yes	-	skip test conducted	
4		5 week + 4 week	10	Solving NIDE when $Q(x) = b^x, e^{ax}, x^x$	-	Assignment	1	Yes	-	-	-	-	-		
5	April	1 week	5	Linear differential eqns with non-constant coefficients	-	-	-	-		-	-	-	-		
6		2 week	5	Method of Variation of Parameters	-	Assignment	1	Yes	-	-	-	-	-	Assignment conducted	
7		3 week													
8		4 week													

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