



Degloor College, Degloor

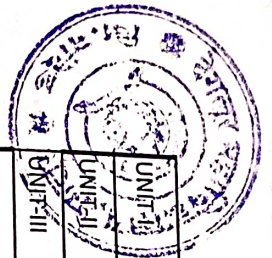
DEPARTMENT OF MATHEMATICS
ANNUAL TEACHING PLAN

YEAR : 2022-2023

Class -B.Sc. I,II,III year

Winter 2022-2023

PAPER & UNITS	NAME OF THE PAPER & IT'S UNITS	NAME OF THE TEACHER	NO.OF PERIODS REQUIRED
SEM -I PAPER-I	DIFFERENTIAL CALCULUS -I	Kondekar S.N.	
UNIT-I	DIFFENTIATION		15 (30.07.22-20.08.22)
UNIT-II	EXPANSIONS OF FUNCTIONS		15 (21.08.22-15.09.22)
UNIT-III	MEAN VALUE THEOREM		15 (16.09.22-08.10.22)
UNIT-IV	PARTIAL DIFFERENTIATION		15 (10.12.22-16.11.22)
SEM -I PAPER-II	ALGEBRA & TRIGONOMETRY.-II	Bhadre S.M.	
UNIT-I	MATRICES		15 (30.07.22-18.08.22)
UNIT-II	RANK OF MATRIX		15 (19.08.22-12.09.22)
UNIT-III	LINEAR EQUATIONS		15 (13.09.22-30.09.22)
UNIT-IV	TRIGONOMETRY		15 (01.10.21-20.10.22)
SEM -III PAPER-VI	REAL ANALYSIS-VI	MD.KHIZAR	
UNIT-I	SETS AND PROPERTIES		20 (30.07.22-12.08.22)
UNIT-II	REAL SEQUENCES		20 (13.08.22-25.08.22)
UNIT-III	INFINITE SERIES		20 (26.08.22-06.09.22)
UNIT-IV	COMPARISON TEST FOR SERIES		15 (06.09.22-16.09.22)
SEM -III PAPER-VII	GROUP THEORY-VII		



UNIT-I	SETS, FUNCTIONS AND GROUPS	Kondekar S.N.	20 (30.07.22-15.09.22)
UNIT-II	SUBGROUPS	Bhadre S.M.	20 (10.08.22-20.09.22)
UNIT-III	COSETS	Kondekar S.N.	20 (16.09.22-20.10.22)
UNIT-IV	NORMAL SUBGROUPS	Bhadre S.M.	15 (21.09.22-20.10.22)
SEM –III PAPER-VIII	O.D.E-VIII	MD.KHIZAR	
UNIT-I	ORDINARY DIFF. EQUATIONS		20 (17.09.22-30.09.22)
UNIT-II	RULES OF IF		20 (01.10.22-10.10.22)
UNIT-III	L.E.WITH CONST COEFFICIENTS		20 (11.10.22-18.10.22)
UNIT-IV	L.E.WITH VARIABLE COEFFICIENTS		15 (19.10.22-16.11.22)
SEM –V PAPER-XII	METRIC SPACES-XII	Kondekar S.N.	
UNIT-I	METRIC SPACES		20 (30.07.22-13.08.22)
UNIT-II	CONVERGENCES & COMPLETENESS		20 (17.08.22-27.08.22)
UNIT-III	COMPACTNESS		20 (29.08.22-10.09.22)
UNIT-IV	Connectedness		15 (12.09.22-20.09.22)
SEM –V PAPER-XIII	LINEAR ALGEBRA-XIII		
UNIT-I	VECTOR SPACES	MD.KHIZAR	20 (30.07.22-15.09.22)
UNIT-II	INNER PRODUCT SPACES	MD.KHIZAR	20 (16.09.22-20.10.22)
UNIT-III	LINEAR TRANSFORMATION	Bhadre S.M.	20 (08.08.22-20.09.22)
UNIT-IV	Matrices	Bhadre S.M.	15 (21.09.22-20.10.22)
SEM –V PAPER-XIV	MECHANICS-XIV	Kondekar S.N.	
UNIT-I	FORCES ACTING ON A PARTICLE		20 (21.09.22-03.10.22)
UNIT-II	EQUILIBRIUM OF FORCES ACTING ON A PARTICLE		20 (04.10.22-10.10.22)
UNIT-III	FORCES ACTING ON RIGID BODY		20 (11.10.22-18.10.22)
UNIT-IV	Forces Acting on a Rigid Body		15 (19.10.22-16.11.22)





SUMMER-2022-2023

PAPER & UNITS	NAME OF THE PAPER & IT'S UNIT'S	NAME OF THE TEACHER	NO. OF PERIODS REQUIRED
SEM -II PAPER-III	INTEGRAL CALCULUS-III	Kondekar S.N.	
UNIT-I	INTEGRATION OF ALGEBRIC RATIONAL FUNCTIONS		15(19.12.22-07.01.23)
UNIT-II	INTEGRATION OF IRRATIONAL ALG. FUNCTIONS		15(09.01.23-25.01.23)
UNIT-III	INTEGRATION OF TRANSCENDENTAL FUNCTIONS		15(27.01.23-17.02.23)
UNIT-IV	BETA AND GAMMA FUNCTIONS		15(18.02.23-15.03.23)
SEM -II PAPER-IV	GEOMETRY-IV	Bhadre S.M.	
UNIT-I	COORDINATES		15(23.12.22-07.01.23)
UNIT-II	PLANE & RIGHT LINE		15(11.01.23-28.01.23)
UNIT-III	RIGHT LINE		15(01.02.23-20.02.23)
UNIT-IV	SPHERE & CONICOIDS		15(22.02.23-15.03.23)
SEM -IV PAPER-IX	REAL ANALYSIS-IX	MD.KHIZAR	
UNIT-I	REIMANN INTEGRAL		20(19.12.22-30.12.22)
UNIT-II	REIMANN SUM		20(31.12.23-12.01.23)
UNIT-III	IMPROPER INTEGRAL FINITE RANGE		20(13.01.23-25.01.23)
UNIT-IV	IMPROPER INTEGRAL INFINITE RANGE		15(27.01.23-06.02.23)
SEM -IV PAPER-X	RING THEORY-X	MD.KHIZAR	
UNIT-I	RINGS		20(07.02.23-15.02.23)
UNIT-II	ISOMORPHISM, IDEAL RINGS		20(16.02.23-26.02.23)
UNIT-III	EUCLIDEAN RINGS		15(27.02.23-07.03.23)
UNIT-IV	UNIQUE FACTORISATION DOMAIN		10 (08.03.23-18.03.23)

SEM -IV PAPER-XI	P.D.E-XI		
UNIT-I	PARTIAL DIFFERENTIAL EQUATIONS	Kondekar S.N.	20(19.12.22-31.01.23)
UNIT-II	PDE IN NONLINEAR EQUATIONS	Bhadre S.M.	20(23.12.22-28.01.23)
UNIT-III	NON HOMOGENEOUS LINEAR EQUATIONS	Kondekar S.N.	20(01.02.23-15.03.23)
UNIT-IV	PDE IN PRACTICAL PROBLEMS	Bhadre S.M.	15(29.01.23-10.03.23)
SEM -VI PAPER-XV	COMPLEX ANALYSIS- XV		
UNIT-I	COMPLEX NUMBERS AND ANALYTIC FUNCTIONS	MD.KHIZAR	20(19.12.22-31.01.23)
UNIT-II	ELEMENTARY FUNCTIONS	MD.KHIZAR	20(01.02.23-12.03.23)
UNIT-III	INTEGRALS	Bhadre S.M.	20(23.12.22-28.01.23)
UNIT-IV	INTEGRALS AND SERIES	Bhadre S.M.	15(01.02.23-10.03.23)
SEM -VI PAPER-XVI	LINEAR TRANSFORMATION- XVI	Kondekar S.N.	
UNIT-I	LINEAR TRANSFORMATION		20(19.12.22-31.12.22)
UNIT-II	INVERSE LT		20(01.01.23-14.01.23)
UNIT-III	SOLUTIONS OF DE AND IT		20(16.01.23-28.01.23)
UNIT-IV	FOURIER TRANSFORMATION		15(30.01.23-08.02.23)
SEM -VI PAPER-XVII	MECHANICS- XVII	Kondekar S.N.	
UNIT-I	KINEMATICS		20(09.02.23-18.02.23)
UNIT-II	KINETICS		15(20.02.23-28.02.23)
UNIT-III	MOTION OF PROJECTILE		15(01.03.23-10.03.23)
UNIT-IV	MOTION OF PROJECTILE & MOTION IN RM		10(11.03.23-20.03.23)
	PRACTICAL - V	Kondekar S.N. /Bhadre S.M. /MD.Khizar	(23.08.22-10.03.23)
	SEC III AND IV SEM	Bhadre S.M.	(01.09.22-10.03.23)
	SEC V AND VI SEM	Kondekar S.N.	(01.09.22-10.03.23)

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MEXD
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