

Degloor College, Degloor

DEPARTMENT OF MATHEMATICS

ANNUAL TEACHING PLAN

YEAR : 2020-2021

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


PAPER & UNITS	NAME OF THE PAPER &IT'S UNIT'S	NAME OF THE TEACHER	NO.OF PERIODS REQUIRED
SEM –I PAPER-I	DIFFERENTIAL CALCULUS -I	Kondekar S.N.	
UNIT-I	DIFFENTIATION		15 (02.11.20-21.11.20)
UNIT-II	EXPANSIONS OF FUNCTIONS		15 (23.11.20-10.12.20)
UNIT-III	MEAN VALUE THEOREM		15 (15.12.20-11.01.21)
UNIT-IV	PARTIAL DIFFERENTIATION		15 (15.01.20-15.02.21)
SEM –I PAPER-II	ALGEBRA & TRIGONOMETRY.- II	MD.KHAIZER	
UNIT-I	MATRICES		15 (02.11.20-25.11.20)
UNIT-II	RANK OF MATRIX		15 (26.11.20-15.12.20)
UNIT-III	LINEAR EQUATIONS		15 (19.12.20-20.01.21)
UNIT-IV	TRIGONOMETRY		15 (21.01.20-25.02.21)
SEM –III PAPER-VI	REAL ANALYSIS-VI	MD.KHAIZER	
UNIT-I	SETS AND PROPERTIES		20 (01.08.20-14.8.20)
UNIT-II	REAL SEQUENCES		20 (17.08.20-31.08.20)
UNIT-III	INFINITE SERIES		20 (01.09.20-15.09.20)
UNIT-IV	COMPARISON TEST FOR SERIES		15 (15.09.20-25.09.20)


SEM –III PAPER-VII	GROUP THEORY-VII	Kondekar S.N.	
UNIT-I	SETS , FUNCTIONS AND GROUPS		20 (01.08.20-20.8.20)
UNIT-II	SUBGROUPS		20 (21.08.20-15.09.20)
UNIT-III	COSETS		20 (16.09.20-10.12.20)
UNIT-IV	NORMAL SUBGROUPS		15 (11.12.20-31.12.20)
SEM –III PAPER-VIII	O.D.E-VIII	MD.KHAIZER	
UNIT-I	ORDINARY DIFF. EQUATIONS		20 (26.09.20-10.10.20)
UNIT-II	RULES OF IF		20 (05.11.20-25.11.20)
UNIT-III	L.E.WITH CONST COEFFICIENTS		20 (26.11.20-15.12.20)
UNIT-IV	L.E. WITH VARIABLE COEFFICIENTS		15 (16.12.20-31.12.20)
SEM –V PAPER-XII	METRIC SPACES-XII	Kondekar S.N.	
UNIT-I	METRIC SPACES		25 (01.08.20-31.8.20)
UNIT-II	CONVERGENCES & COMPLETENESS		25(01.09.20-30.09.20)
UNIT-III	COMPACTNESS		20 (01.10.20-20.11.20)
SEM –V PAPER-XIII	LINEAR ALGEBRA-XIII	MD.KHAIZER	
UNIT-I	VECTOR SPACES		25 (01.08.20-25.8.20)
UNIT-II	INNER PRODUCT SPACES		2(26.08.20-25.09.20)
UNIT-III	LINEAR TRANSFORMATION		20 (27.09.20-20.11.20)
SEM –V PAPER-XIV	MECHANICS-XIV	Kondekar S.N.	
UNIT-I	FORCES ACTING ON A PARTICLE		20 (21.11.20-10.12.20)
UNIT-II	EQUILLIBRIUM OF FORCES ACTING ON A PARTICLE		15 (11.12.20-31.12.20)
UNIT-III	FORCES ACTING ON RIGID BODY	MD.KHAIZER	25 (22.11.20-25.12.20)

SUMMER (2020-21)

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(20.04.21-10.05.21)
UNIT-II	INTEGRATION OF IRRATIONAL ALG. FUNCTIONS		15(11.05.21-31.05.21)
UNIT-III	INTEGRATION OF TRANSDENTAL FUNCTIONS		15(01.06.21-19.06.21)
UNIT-IV	BETA AND GAMMA FUNCTIONS		15(22.06.21-15.07.21)
SEM -II PAPER-IV	GEOMETRY-IV	MD.KHAIZER	
UNIT-I	COORDINATES		15(20.04.21-05.05.21)
UNIT-II	PLANE & RIGHT LINE		15(06.05.21-25.05.21)
UNIT-III	RIGHT LINE		15(26.05.21-05.06.21)
UNIT-IV	SPHERE & CONICOIDS		15(07.06.21-30.06.21)
SEM -IV PAPER-IX	REAL ANALYSIS-IX	MD.KHAIZER	
UNIT-I	REIMANN INTEGRAL		15(20.04.21-30.04.21)
UNIT-II	REIMANN SUM		15(01.05.21-12.05.21)
UNIT-III	IMPROPER INTEGRAL FINITE RANGE		15(13.05.21-25.05.21)
UNIT-IV	IMPROPER INTEGRAL INFINITE RANGE		15(25.05.21-05.06.21)
SEM -IV PAPER-X	RING THEORY-X	MD.KHAIZER	
UNIT-I	RINGS		12(07.06.21-15.06.21)

UNIT-II	ISOMORPHISM, IDEAL RINGS		15(16.06.21-26.06.21)
UNIT-III	EUCLIDEAN RINGS		15(28.06.21-06.07.21)
UNIT-IV	UNIQUE FACTORISATION DOMAIN		12(07.07.21-26.07.21)
SEM -IV PAPER-XI	P.D.E-XI	Kondekar S.N.	
UNIT-I	PARTIAL DIFFERENTIAL EQUATIONS		20(20.04.21-08.05.21)
UNIT-II	PDE IN NONLINEAR EQUATIONS		20(10.05.21-31.05.21)
UNIT-III	NON HOMOGENEOUS LINEAR EQUATIONS		20(01.06.21-25.06.21)
UNIT-IV	PDE IN PRACTICAL PROBLEMS		15(26.06.21-22.07.21)
SEM -VI PAPER-XV	NUMERICAL ANALYSIS- XV	MD.KHAIZER	
UNIT-I	FORWARD OPERATORS		20(20.04.21-15.05.21)
UNIT-II	CENTRAL DIFF. OPERATOR		20(17.05.21-10.06.21)
UNIT-III	NUMERICAL INTEGRATIONS		20(11.06.21-30.06.21)
SEM -VI PAPER-XVI	LINEAR TRANSFORMATION- XVI	Kondekar S.N.	
UNIT-I	LINEAR TRANSFORMATION		20(21.04.21-05.05.21)
UNIT-II	INVERSE LT		20(06.05.21-25.05.21)
UNIT-III	FOURIER TRANSFORMATION		20(26.05.21-15.06.21)
SEM -VI PAPER-XVII	MECHANICS- XVII	Kondekar S.N.	
UNIT-I	KINEMATICS		15(16.06.21-30.06.21)
UNIT-II	KINETICS		15(01.07.21-15.07.21)
UNIT-III	MOTION OF PROJECTILE	MD.KHAIZER	15 (01.07.21-20.07.21)
	PRACTICAL - V	Kondekar S.N.	(01.01.21-30.06.21)
	SEC III AND IV SEM	Kondekar S.N.	(01.12.20-30.06.21)
	SEC V AND VI SEM	Kondekar S.N.	(01.12.20-30.06.21)


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