

A.V. EDUCATION SOCIETY'S

Degloor College, Degloor

# DEPARTMENT OF MATHEMATICS

## ANNUAL TEACHING PLAN

YEAR : 2015-2016

CLASS- B.SC. I,II,III YR

PAPER & UNITS	NAME OF THE PAPER & IT'S UNIT'S	NAME OF THE TEACHER	NO.OF PERIODS REQUIRED	PERIOD OF TEACHING
<b>SEM -I PAPER-I</b>	<b>DIFFERENTIAL CALCULUS -I</b>	<b>Kondekar S.N.</b>		
UNIT-I	HIGHER ORDER DERIVATIVES		25 (01.07.15-12.08.15)	23 (01.07.15-13.08.15)
UNIT-II	MEAN VALUE THEOS.		20 ( 13.08.15-18.09.15)	16 (17.08.15-22.08.15)
UNIT-III	FUNCTIONS OF TWO VARIABLES		18 (19.09.15-20.10.15)	15 (23.09.15-20.09.15)
<b>SEM -I PAPER-II</b>	<b>ALGEBRA &amp; TRIGONOMETRY.-II</b>	<b>Kondawar P.B.</b>		
UNIT-I	MATRICES		18 (10.07.15-08.08.15)	16 (10.07.15-31.07.15)
UNIT-II	RANK OF MATRIX & L.E.		16 (14.08.15-11.09.14)	19 (01.08.15-04.09.15)
UNIT-III	TRIGONOMETRY		20 (12.09.15-17.10.15)	22 (05.09.15-17.10.15)
<b>SEM -III PAPER-VI</b>	<b>REAL ANALYSIS-VI</b>	<b>Kondekar S.N.</b>		
UNIT-I	SETS AND FUNCTIONS		15 (1.07.15-25.07.15)	13 (01.07.15-25.07.15)
UNIT-II	REAL SEQUENCES		22 (27.07.15-05.09.15)	20 (29.07.15-09.09.15)
UNIT-III	INFINITE SERIES		22 (06.09.15-15.10.15)	19 (10.09.15-17.10.15)

PAPER & UNITS	NAME OF THE PAPER & IT'S UNIT'S	NAME OF THE TEACHER	NO.OF PERIODS REQUIRED	PERIOD OF TEACHING
<b>SEM –III PAPER-VII</b>	<b>GROUP THEORY-VII</b>	<b>Achegaonkar A.P.</b>		
UNIT-I	GROUP THEORY		15 (9.7.15-31.7.15)	21 (09.07.15-06.08.15)
UNIT-II	SUBGROUPS		20 (05.8.15-04.9.15)	19 (06.08.15-02.09.15)
UNIT-III	HOMOMORPHISM		21 (09.09.15-16.10.15)	23(03.09.15-15.10.15)
<b>SEM –III PAPER-VIII</b>	<b>O.D.E-VIII</b>	<b>Sarsambe S.M.</b>		
UNIT-I	L.E.OF I ST ORDER		21 (11.7.15-07.8.15)	21 (11.07.15-10.08.15)
UNIT-II	L.E.WITH CONST COEFFICIENTS		19 (10.8.15-08.9.15)	22 (10.08.15-11.09.15)
UNIT-III	L.E. WITH VARIABLE COEFFICIENTS		18 (09.9.15-15.10.15)	15 (14.09.15-12.10.15)
<b>SEM –V PAPER-XIII</b>	<b>METRIC SPACES-XIII</b>	<b>Kondekar S.N.</b>		
UNIT-I	METRIC SPACES		20 (1.7.14-04.8.14)	21 (01.07.15-31.07.15)
UNIT-II	CONVERGENCES & COMPLETENESS		18 (05.8.14-05.9.14)	19 (01.08.15-31.08.15)
UNIT-III	COMPACTNESS		22 (06.9.14-15.10.14)	21 (01.09.15-13.10.15)
	RIVISION			04 (16.10-20.10)
<b>SEM –V PAPER-XIV</b>	<b>LINEAR ALGEBRA-XIV</b>	<b>Achegaonkar A.P.</b>		
UNIT-I	VECTOR SPACES		18 (09.7.15-08.8.15)	21 (09.07.15-12.08.15)
UNIT-II	INNER PRODUCT SPACES		16 (12.8.15-09.9.15)	18 (13.08.15-12.09.15)
UNIT-III	LINEAR TRANSFORMATION		21 (10.9.15-17.10.15)	18 (16.09.15-14.10.15)
	RIVISION			04(15.10-17.10)
<b>SEM –V PAPER-XV</b>	<b>MECHANICS-XV</b>	<b>Sarsambe S.M.</b>		
UNIT-I	FORCES ACTING ON A PARTICLE		18 (11.7.15-03.8.15)	16 (09.07.15-04.08.15)
UNIT-II	EQUILLIBRIUM OF FORCES ACTING ON A PARTICLE		18 (04.08.15-07.9.15)	19 (05.08.15-09.09.15)
UNIT-III	FORCES ACTING ON RIGID BODY		19 (08.9.15-21.10.15)	20 (10.09.15-12.10.15)

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PAPER & UNITS	NAME OF THE PAPER & IT'S UNIT'S	NAME OF THE TEACHER	NO.OF PERIODS REQUIRED	PERIOD OF TEACHING
<b>SEM –II PAPER-III</b>	<b>INTEGRAL CALCULUS-III</b>	Kondekar S.N.		
UNIT-I	INTEGRATIONS		19(21.12.15-16.1.16)	17(4.1.16-21.1.16)
UNIT-II	INTEGRATION OF TRANSDENTAL FUNCTIONS		18(18.01.16-13.2.16)	14(25.1.16-24.2.16)
UNIT-III	AREAS OF CURVES		16(15.2.16-10.3.16)	15(25.2.16-13.3.16)
<b>SEM –II PAPER-IV</b>	<b>GEOMETRY-IV</b>			
UNIT-I	CONIC SECTION	Sarsambe S.M.	16(18.12.15-2.2.16)	20(18.12.15-23.1.16)
UNIT-II	PLANE & RIGHT LINE	Sarsambe S.M.	18(3.02.16-9.3.16)	21(29.1.16-12.3.16)
UNIT-III	SPHERE & CONICOIDS	Achegaonkar A.P.	16(31.12.15-03.3.16)	18(19.12.16-12.3.16)
<b>SEM –IV PAPER-IX</b>	<b>REAL ANALYSIS-IX</b>	Kondekar S.N.		
UNIT-I	REIMANN INTEGRAL		15(11.1.16-28.1.16)	14(13.1.16-30.1.16)
UNIT-II	IMPROPER INTEGRAL		16(29.01.16-17.2.16)	14(7.2.16-21.2.16)
UNIT-III	FOURIER SERIES		16(18.2.16-10.3.16)	14(26.2.16-12.3.16)
<b>SEM –IV PAPER-X</b>	<b>RING THEORY-X</b>	Achegaonkar A.P.		
UNIT-I	RINGS		12(13.1.16-4.2.16)	15(13.1.16-30.1.16)
UNIT-II	IDEAL RINGS		15(5.02.16-20.2.16)	19(30.1.16-18.2.16)
UNIT-III	EUCLIDEAN RINGS		14(20.2.16-10.3.16)	17(20.2.16-11.3.16)
<b>SEM –IV PAPER-XI</b>	<b>P.D.E-XI</b>	Sarsambe S.M.		
UNIT-I	PARTIAL DIFFRENTIAL EQUATIONS		10(11.1.16-25.1.16)	10(11.1.16-28.1.16)
UNIT-II	PDE IN NONLINEAR EQUATIONS		15(01.02.16-23.2.16)	16(1.2.16-16.2.16)
UNIT-III	PDE IN PRACTICAL PROBLEMS		15(23.2.16-8.3.16)	16(17.2.16-8.3.16)

PAPER & UNITS	NAME OF THE PAPER & IT'S UNIT'S	NAME OF THE TEACHER	NO.OF PERIODS REQUIRED	PERIOD OF TEACHING
<b>SEM –VI PAPER-XVI</b>	<b>NUMERICAL ANALYSIS- XVI</b>	<b>Achegaonkar A.P.</b>		
UNIT-I	FORWARD OPERATORS		18(23.12.15-14.1.16)	24(23.12.15-18.1.16)
UNIT-II	CENTRAL DIFF. OPERATOR		20(15.01.16-11.2.16)	20(18.1.16-06.2.16)
UNIT-III	NUMERICAL INTEGRATIONS		18(12.2.16-10.3.16)	22(8.2.16-10.3.16)
<b>SEM –VI PAPER-XVII</b>	<b>LINEAR TRANSFORMATION- XVII</b>	<b>Kondekar S.N.</b>		
UNIT-I	LINEAR TRANSFORMATION		20(21.12.15-09.1.16)	19(28.12.15-11.1.16)
UNIT-II	INVERSE LT		18(11.01.16-6.2.16)	14(12.1.16-13.2.16)
UNIT-III	FOURIER TRANSFORMATION		18(8.2.16-5.3.16)	14(15.2.16-12.3.16)
<b>SEM –VI PAPER-XVIII</b>	<b>MECHANICS- XVIII</b>	<b>Sarsambe S.M.</b>		
UNIT-I	KINEMATICS		16(21.12.15-19.1.16)	15(21.12.15-13.1.16)
UNIT-II	KINETICS		17(20.01.16-18.2.16)	14(14.1.16-11.2.16)
UNIT-III	PROJECTILE , CENTRAL ORBIT		16(22.2.16-10.3.16)	14(15.2.16-10.3.16)
	<b>PRACTICAL - V</b>	<b>Kondawar P.B./Achegaonkar P.B.</b>	70 (01.8.15-10.3.16)	
	<b>PRACTICAL – XII</b>	<b>Kondekar S.N.</b>	80 (10.8.15-10.3.16)	
	<b>PRACTICAL - XIX</b>	<b>Kondekar S.N.</b>	85 ( 10.8.15-10.3.16)	

  
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