

Table 1

COURSE UNDER GRADUATION		NAME OF TEACHER: MS. BHUNIJA CHANDRAKAR		ANNUAL TEACHING PLAN (ACADEMIC SESSION 2017-18)		CLASS - B.Sc.II/III			
EXPECTED MONTH	PAPER AND UNIT	TOPIC DESCRIPTION			Num of expected class	Tutorial / Remedial classes	Co-curricular activities	Extra curricular activities	Teaching Aids
		B.Sc. I	B.Sc. II	B.Sc. III					
July		Basic of set theory	Basic of calculus				Plantation in campus	Cleanmess programme	Online/Chalk and board
August	P1-U1, P1-U2	Elementary operation, matrix and its inverse, Rank of matrix, Eigen value and vector, System of linear equation, theory of equation,	Convergence of sequences, convergence of series of non-negative term, Alternative series, Leibnitz's theorem, absolute and conditional convergence, Continuity of function of two variable, differentiability, mean value theorem, And Taylor theorem,	Series of arbitrary term and double series, Partial derivative, Fourier series, Riemann integral, Improper integral, And their test of Convergence.	21+21+21=63	4+4=8	Independence Day	Soft skill programme	Online/PPT, Using ICT and Chalk board
September	P1-U5, P1-U3	De-Moivre's theorem, and its applications, Hyperbolic function, logarithm of Complex quality, expansion of trigonometry function, Relation and mapping, group, cyclic group, normal subgroup permutation group,	Beta and Gamma functions, Double and Triple integrals, Change of order of integration, Limit and continuity of function of two variable, PD and Euler's theorem, Change of variable, Taylor's theorem, Jacobians,	Dense subset, Countable space, Complete order field, continuous function, compactness, connectedness, Complex number and their geometrical representation, Continuity and differentiability, Elementary function, Mobious transformation, conformal mapping,	22+22+22=66	4+4=8	National Hindi Day,	Cleanmess programme	Online/Using ICT and Chalk board
October	P1-U4, P2-U1	Homomorphism and isomorphism of group, fundamental theorem of homomorphism, Ring, integral domain, field, Limit and continuity, differentiability, Leibnitz's Theorem, Maclaurin's theorem, And Taylor's series.	Envelopes and evaluates Maxima, minima, and saddle point, Power series, solution of DE, Bessel's equation, Legendre's equation, Sturm Liouville Problem	Maine space, Subspace of finite space, Contraction principal, Group automorphism, conjugacy relation, Sylow's theorem and structure theorem, For finite abelian group.	25+25+25=75	4+4=8	Gandhi Jayanti,	Quiz competition	Online/Using ICT and Chalk board
November	P2-U2, P2-U3, P2-U4	Asymptotes, curvature, concave and convexity, tracing of curve, integration, Reduction formula, area under plane curve, Exact differential equation, differential equation, of first order and first degree	Laplace Transformation, Inverse Laplace transformation, Solution of IE and DE, PDE of first order, Lagrange's solution, PDE of 2nd order, Homogeneous and non homogeneous equation, PDE and Moines method.	Ring theory, module, Vector space, Linear transformation, And their matrix representation, Rank and Nullity theorem, Dual, Adjoint, Eigen values, Eigen vector of a Linear transformation, Bilinear transformation, Quadratic form.	19+19+19=57	4+4=8	Unity day,	Mathematics poem competition,	Online/Using ICT and Chalk board
December	P2-U5, P3-U1	LDE of second order, Ordinary simultaneous DE of first order, Scalar and vector product of 3 & 4 vector, vector differentiation, gradient, divergence and curl,	Calculus of variation, variational problem, sufficient condition for extremum, Equilibrium of coplanar force, stable and unstable, virtual work, catenary.	Inner product, Sets and propositional, Computability and formal language,	22+22+22=66	4+4=8	National mathematics day	Sports, Activity	Online/Using ICT and Chalk board
January	P3-U2, P3-U3	Vector integration, Gauss greens and Stokes theorem, system of conics, polar equation,	Force in three dimension, Null lines and Null planes, SHM, Elastic strings, velocity, and acceleration along radial and transverse direction, Projectile, Central orbits.	Relation and Function, Graphs and planar graphs, Finite state machine, Analysis of algorithms,	24+24+24=72	4+4=8	National youth day	essay writing competition,	Online/Using ICT and Chalk board
February	P3-U4, P3-U5	The sphere, the cone, the cylinder, central conicoids, parabola, generating lines, confocal conicoid, Reduction 2nd degree equation	Kepler's Laws of motion, velocity and acceleration in tangential and Normal direction, motion of smooth and rough plane, Motion in a residue medium, motion of particle of varying mass, motion of A particle in three dimension.	Recurrence relation and recursive algorithms, Boolean algebra,	24+24+24=72	4+4=8	National Science day	Poster presentation competition	Online/Using ICT and Chalk board
March		Revision of some topic and career guidance programme.	Revision of some topic and career guidance programme.	Revision of some topic and career guidance programme.	21+21+21=63	4+4=8			

Note: (1) Remedial and Tutorial class will be organised according to time table.

(2) Presentation/ Seminar/ Group discussion also take according as per plan.

(3) Co-curricular activities and Extra curricular activities are also organised as per plan.

PRINCIPAL
Govt. College Pandaria
Distt. Kabirdham (C.G.)

Table 1
INDIRA GANDHI GOVT COLLEGE PANDARIA, DISTT. KABIRDHAM
ANNUAL TEACHING PLAN (ACADEMIC SESSION 2018-19)
SUBJECT : MATHEMATICS

CLASS - B.S.C.II,III

COURSE UNDER GRADUATION	NAME OF TEACHER: Ms BHUMIKA CHANDRAKAR	EXPECTED MONTH	PAPER AND UNIT	B.Sc. I	TOPIC DESCRIPTION	B.Sc. II	B.Sc. III	Num of expected class	Tutorial/ Remedial classes	Co-curricular activities	Extra curricular activities	Teaching Aids
July				Basic of set theory	Convergence of sequences, convergence of series of non-negative term, Alternating series, Leibnitz theorem, absolute and conditional convergence, Continuity of function of two variable, differentiability, mean value theorem, And Taylor theorem.	Series of arbitrary term and double series-Partial derivative, Fourier series, Riemann Integral, Improper integral, And their test of Convergence.	Basic of real analysis and Complex analysis	21+21+21=63	4+4=8	Independence Day	Soft skill programme	Online/PPT, Using ICT and Chalk board
August			P-1-U1, P-1-U2	Elementary operation, matrix and its inverse, Rank of matrix, Eigen value and vector, System of linear equation, theory of equation.	Beta and Gamma functions, Double and Triple integrals, Change of order of integration, Limit and continuity of function of two variable, PD and Euler's theorem, Change of variable, Taylor's theorem, Jacobians.	Dense subset, Countable space, Complete order field, continuous function, compactness, connectedness, Complex number and their geometrical representation, Continuity and differentiability, Elementary function, Mobius transformation, conformal mapping.		22+22+22=66	4+4=8	National Hindi Day,	cleanness programme	Online/Using ICT and Chalk board
September			P-1-U5, P-1-U3	De- moves theorem and its applications, Hyperbolic function, logarithm of complex number, quality, expansion of trigonometric function, Relation and mapping, group, cyclic group, normal subgroup permutation group.	Envelopes and envelopes, Maxima, minima, and saddle point, Power series solution of DE, Bessel's equation, Legendre's equation, Sturm Liouville Problem	Metric space, Subspace of metric space, Contraction principle, Group automorphism, conjugacy relation, Sylow's theorem and structure theorem, For finite abelian group.		25+25+25=75	4+4=8	Gandhi Jayanti,	Quiz competition	Online/Using ICT and Chalk board
October			P-1-U4, P-2-U1	Homomorphism and isomorphism of group, fundamental theorem of homomorphism, Ring, Integral domain, field, Limit and continuity, differentiability, Leibnitz's theorem, MacLaurin's theorem, And Taylor's series.	Laplace Transformation, Inverse Laplace transformation, Solution of I.E and D.E, P.D.E of first order, Lagrange's solution, P.D.E of 2nd order, Homogeneous and non homogeneous equation, P.D.E and Monge's method.	Ring theory, module, Vector space, Linear transformation, And their matrix representation, Rank and Nullity theorem, Dual, Adjoint, Eigen values, Eigen vector of a Linear transformation, Bilinear transformation, Quadratic form.		19+19+19=57	4+4=8	Unity day,	Mathematics poem competition,	Online/Using ICT and Chalk board
November			P-2-U2, P-2-U3, P-2-U4	Asymptotes, curvature, concave and convexity, tracing of curve, integration, Reduction formula, area under plane curve, Exact differential equation, differential equation, of first order and first degree	Calculus of variation, variational problem, sufficient condition for extremum, Equilibrium of coplanar force, stable and unstable, virtual work, Calentry.	Inner product, Sets and propositional, Computability and formal language.		22+22+22=66	4+4=8	National mathematics day	Sports, Activity	Online/Using ICT and Chalk board
December			P-2-U5, P-3-U1	L.D.E of second order, Ordinary, simultaneous DE of first order, Scalar and vector product of 3 & 4 vector, vector differentiation, gradient, divergence and curl,	Force in three dimension, Null lines and Null planes, SHM, Elastic strings, velocity and acceleration along radial and transverse direction, Projectile, Central orbits.	Relation and Function, Graphs and planar graphs, Finite state machine, Analysis of algorithms.		24+24+24=72	4+4=8	National youth day	essay writing competition,	Online/Using ICT and Chalk board
January			P-3-U2, P-3-U3	Vector integration, Gauss greens and Stokes theorem, system of conics, polar equation,	Kepler's, Laws of motion, velocity and acceleration in tangential and Normal direction, motion of smooth and rough plane, Motion in a resistive medium, motion of particle of varying mass, motion of A particle in three dimension.	Recurrence relation and recursive algorithms, Boolean algebra,		24+24+24=72	4+4=8	National Science day	Poster presentation competition	Online/Using ICT and Chalk board
February			P-3-U4, P-3-U5	The sphere, the cone, the cylinder, central conoids, parabola, generating lines, conical conoids, Reduction 2nd degree equation				21+21+21=63	4+4=8			
March				Revision of some topic and career guidance programme	Revision of some topic and career guidance programme	Revision of some topic and career guidance programme.		21+21+21=63	4+4=8			

Note: (1) Remedial and Tutorial class will be organised according to time table.

(2) Presenter/ Seminar/ Group discussion also take according as per plan.

Co-curricular activities and Extra curricular activities are also organised as per plan.

PRINCIPAL
Govt. College Pandaria
Distt. Kadiraham (C.O.)

Table 1

COURSE UNDER GRADUATION		INDIRA GANDHI GOVT COLLEGE PANDARIA, DISTT. KABIRDHAM	
NAME OF TEACHER: MS. BHUMIKA CHANDRAKAR		ANNUAL TEACHING PLAN (ACADEMIC SESSION 2019-20)	
SUBJECT: MATHEMATICS		CLASS - B.Sc. III/III	
EXPECTED MONTH	PAPER AND UNIT	TOPIC DESCRIPTION	
July	B.Sc. I	Basic of matrix	Num of expected class 23+23+23=69
August	P1-U1, P1-U2	Elementary operation, matrix and its inverse, Rank of matrix, Eigen value and vector, System of linear equation, theory of equation.	Tutorial / Remedial classes 4+4=8
September	P1-U5, P1-U3	Convergence of sequences, convergence of series of non-negative term, Alternating series, Leibnitz's theorem, absolute and conditional convergence, Continuity of function of two variable, differentiability, mean value theorem, And Taylor theorem.	Co-curricular activities Independence Day
October	P1-U4, P2-U1	De- moves hyperbolic function, applications of hyperbolic function, logarithm of Complex quality, expansion of trigonometry function, Relation ans mapping, group, cyclic group, normal subgroup permutation group, homomorphism and isomorphism of group, fundamental theorem of homomorphism, Ring, integral domain, field, Limit and continuity, differentiability, Leibniz's Theorem, MacLaurin's theorem And Taylor's series	Extra curricular activities Teaching Aids
November	P2-U2, P2-U3, P2-U4	Envelopes, aan evaluates, Maxima, minima, and saddle point, Power series solution of DE, Bessel's equation, Legendre's equation, Sturm-Liouville Problem	
December	P2-U5, P3-U1	Laplace Transformation, Inverse Laplace transformation, Ring theory, module, Vector space, Linear transformation, And their matrix representation, Rank and Nullity theorem, Dual, Adjoint, Eigen values, Eigen vector of a Linear transformation, Bilinear transformation, Quadratic form.	
January	P3-U2, P3-U3	Calculus of variation, variational problem, sufficient condition for extremum, Equilibrium of coplanar force, stable and unstable, virtual work, catenary.	
February	P3-U4, P3-U5	Force in three dimension, Null lines and Null planes, SHM, Elastic strings, velocity, and acceleration along radial and transverse direction, Projectile, Central orbits.	
March		Kepler's Laws of motion, velocity and acceleration in tangential, and Normal direction, motion of smooth and rough plane, Motion in a resistive medium, motion of particle, of varying mass, motion of A particle in three dimension.	
		Revision of some topic and career guidance programme.	
		Revision of some topic and career guidance programme.	

Note: (1) Remedial and Tutorial class will be organised according to time table.

(2) Presentation/ Seminar/ Group discussion also take according as per plan.

Co-curricular activities and Extra curricular activities are also organised as per plan.

Table 1

INDIRA GANDHI GOVT COLLEGE PANDARIA, DISTT. KABIRDHAM
ANNUAL TEACHING PLAN (ACADEMIC SESSION 2021-22)

SUBJECT : MATHEMATICS

CLASS - B.Sc.I,II,III

COURSE UNDER GRADUATION.		NAME OF TEACHER: MS BHUMILA CHANDRAKARI, MR. OMPRAKASH DEWANGAN		CLASS - B.Sc.I,II,III			
EXPECTED MONTH	PAPER AND UNIT	TOPIC DESCRIPTION	Num of expected class	Tutorial/ Remedial classes	Co-curricular activities	Extra curricular activities	Teaching Aids
July	B.Sc. I	B.Sc. II	B.Sc. III		Plantation in campus	Cleanness programme	
August	P1-U1, P1-U2	Convergence of sequences, convergence of series of non-negative term, Alternative series, Leibnitz's theorem, absolute and conditional convergence, Continuity of function of two variable, differentiability, mean value theorem, And Taylor theorem, Beta and Gamma functions, Double and Triple integrals, Change of order of integration, Limit and continuity of function of two variable, PD and Euler's theorem, Change of variable, Taylor's theorem, Jacobians,	21+21+21=63	4+4=8	Independence Day	Soft skill programme	Online/PPT, Using ICT and Chalk board
September	P1-U5, P1-U3	Homomorphism and isomorphism of group, fundamental theorem of homomorphism, Ring, Integral domain, field, Limit and continuity, differentiability, Leibnitz's Theorem, Maclaurin's theorem, And Taylor's series.	22+22+22=66	4+4=8	National Hindi Day,	cleanness programme	Online/Using ICT and Chalk board
October	P1-U4, P2-U1	Envelopes, an evaluates, Maxima, minima, and saddle point, Power series solution of DE, Bessel's equation, Legendre's equation, Sturm Liouville Problem	25+25+25=75	4+4=8	Gandhi Jayanti,	Quiz competition	Online/Using ICT and Chalk board
November	P2-U2, P2-U3, P2-U4	Laplace Transformation, Invers Laplace transformation, Solution of IE and DE, PDE of first order, Lagrange's solution, PDE of 2nd order, Homogeneous and non homogeneous equation, PDE and Morrie's method.	19+19+19=57	4+4=8	National Unity day,	Mathematics poem competition,	Online/Using ICT and Chalk board
December	P2-U5, P3-U1	Calculus of variation, variational problem, sufficient condition for extremum, Equilibrium of coplanar force, stable and unstable, virtual work, catenary.	22+22+22=66	4+4=8	National mathematics day	Sports, Activity	Online/Using ICT and Chalk board
January	P3-U2, P3-U3	Force in three dimension, Null lines and Null planes, SHM, Elastic strings, velocity, and acceleration along radial and transverse direction, Projectile, Central orbits.	24+ 24+24=72	4+4=8	National youth day	essay writing competition,	Online/Using ICT and Chalk board
February	P3-U4, P3-U5	Recurrence relation and recursive algorithms, Boolean algebra,	24+24+24=72	4+4=8	National Science day	Poster presentation competition	Online/ Using ICT and Chalk board
March	Revision of some topic and career guidance programme.	Revision of some topic and career guidance programme.	21+21+21=63	4+4=8			

Note: (1) Remedial and Tutorial class will be organised according to time table.

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