PATTAMUNDAI COLLEGE

PATTAMUNDAI, KENDRAPARA

SESSION 2021 -2022

CLASS +3 1st Yr, +3 2nd Yr, +3 3rd Yr

+3 STREAM

LESSON PLAN AND PROGRESS REGISTER

(To be maintained by all members of teaching staff)

FULL NAME OF THE TEACHER ARABINDA PANDAB

DESIGNATION LECTURER IN MATHEMATICS

DEPARTMENT MATHEMATICS

Signature

Affix
Photograph

PATTAMUNDAI COLLEGE

Pattamundai, Kendrapara

BIODATA

1. Name : ARABINDA PANDAB (Capital Letters)
2. Designation : lecturer in Mathematics
3. Date of Birth : 30. 05. 1973
4. Date of joining : 20. 03. 1998
5. Academic Qualification : M.Sc (Mathematics)

6.Academic achievement :

a) No. of Research Project completed :

b) No. of On-going Projects :

c) No. of Research Scholars :

(i) Completed Ph.D. : (ii) Continuing Ph. D. :

(iii) Completed M.Phil.: (iv) Continuing M.Phil :

7. Any distinctions / prizes / awards received :
8. No. of Books published :
9. No. of Research paper published & Communicated
10. Present Address :

Pattamundai College,
Pattamundai
Kendrapara, Odisha

Contact No. : Phone :/Mob. 9937254024

e-mail ID : arabindapandab@gmail.com

Time Table for the First Half (July - December)

Period/days	1	2	3	4	5	6	7	8	9	10
Monday					+3 1st yr Core					
Tuesday	+3 3rd yr Core			+3 2nd yr Core						
Wednesday						+3 2nd yr Core				
Thursday	+3 3rd yr Core									
Friday			+3 2nd yr Core			+3 2nd yr Core				
Saturday	+3 2nd yr Core				+3 1st yr Core					

Total No. of Classes likely to be available during the first half for the different classes

	+2 1st yr.			+2 2nd yr.			+3 1st yr				+3 2nd yr.				+3 3rd yr.		
	Arts	Sc	Com.	Arts	Sc	Com.	Comp	Hons	Pass	Elect.	Comp	Hons	Pass	Elect.	Comp.	Hons.	Elect.
Theory																	
Practical																	
Total Class																	

Time Table for the Second Half (January - May)

Period/days	1	2	3	4	5	6	7	8	9	10
Monday										
Tuesday										
Wednesday										
Thursday										
Friday										
Saturday										

Total No. of Classes likely to be available during the Second Half for the different classes

	+2 1st yr.			+2 2nd yr.			+3 1st yr				+3 2nd yr.				+3 3rd yr.		
	Arts	Sc	Com.	Arts	Sc	Com.	Comp	Hons	Pass	Elect.	Comp	Hons	Pass	Elect.	Comp.	Hons.	Elect.
Theory																	
Practical																	
Total Class																	

Counter Signature by HOD :

Signature of Teacher :

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Sl. No.	Class/ Semester	Paper/Unit	Topics assigned	Page No.
1	2	3	4	5
01	+3 1st Yr Sc Core (Semester I)	Core I Unit I Unit II Unit III Unit IV	Calculus	02
02	+3 2nd Yr Sc Core (Semester III)	Core VII Unit I Unit II Unit III Unit IV	Partial Differential Equations and system of ODEs	08
03	+3 3rd Yr Sc Core (Semester V)	Core XI Unit I Unit II Unit III Unit IV	Multivariate Calculus	14
04	+3 3rd Yr Sc DSE (Semester V)	DSE-I Unit I Unit II Unit III Unit IV	Linear Programming	20
05	+3 1st Yr Sc Core (Semester II)	Core IV Unit I Unit II Unit III	Differential Equations	26
06	+3 3rd Yr Sc Core (Semester IV)	Core VIII Unit I Unit II Unit III	Numerical Methods and Scientific Computing	32
07	+3 3rd Yr Sc Core (Semester VI)	Core XIV Unit I Unit II Unit III Unit IV	Group Theory II.	38

LESSON PLAN

Class +3 1st Yr Sc Subject Core I (Calculus) No. of Periods/Week 02

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	Nov & Dec	Core I Unit I.	Hyperbolic functions, Higher order derivatives, Leibnitz rule and its applications to problems of the type $e^{ax+b}\sin x$, $e^{ax+b}\cos x$, $(ax+b)^n\sin x$, $(ax+b)^n\cos x$, concavity & inflection points, asymptotes, curve tracing in cartesian coordinates, tracing in polar coordinates of standard curves, L'Hospital's rule, Application in Business, Economics & Life sciences.	10
02.	Dec & Jan	Unit II	Riemann Integration as a limit of sum, Integration by parts, Reduction formulae, derivations and illustrations of reduction formulae of the type $\int \sin^n x\,dx$, $\int \cos^n x\,dx$, $\int \tan^n x\,dx$, $\int \sec^n x\,dx$, $\int (\log x)^n dx$, $\int \sin^n x \cos^n x\,dx$, definite integral, Integration by substitution.	10
03	Feb & March	Unit III	volumes of slicing, disks and washers methods, volumes by cylindrical shells, parametric equations, parametrizing a curve, arc length, arc length of parametric curves, area of surface revolution, techniques of sketching conics, reflection properties of conics, rotation of axes and second degree equations, classification into conics using the discriminant, polar equations of conics.	20
04		Unit IV	Triple product, Introduction to vector functions, operations with vector valued functions, limits and continuity of vector functions, differentiation and integration of vector functions, tangent and normal components of acceleration.	

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Semester I

PROGRESS

Class +3 1st Yr Science

Subject Core I (Calculus)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	01/11/21	1PM	Hyperbolic Functions and Derivative of Hyperbolic functions	Ale	
02	17/11/21	1PM	Higher order derivative of Hyperbolic functions.	Ale	
03	19/11/21	1PM	Leibnitz rule and its applications to problems of the type $e^{ax+b}\sin x$, $e^{ax+b}\cos x$	Ale	
04	20/11/21	1PM	Leibnitz rule and its applications to problems of the type $(ax+b)^n\sin x$, $(ax+b)^n\cos x$.	Ale	
05	13/12/21	1PM	Concavity and Inflection points, second derivative test for determining intervals of concavity	Ale	
06	18/12/21	1PM	Asymptotes: Inclined asymptotes, vertical asymptote and horizontal asymptote.	Ale	
07	20/12/21	1PM	Tracing of curve for Cartesian equation.	Ale	
08	21/12/21	1PM	Tracing of curve for parametric equation.	Ale	
09	22/12/21	1PM	Tracing of curve for polar equation (standard curves)	Ale	
10	23/12/21	1PM	L'Hospital's rule of $\frac{0}{0}$ form and problems on it.	Ale	
11	24/12/21	1PM	L'Hospital's rule of $\frac{\infty}{\infty}$ form and problems on it.	Ale	

PROGRESS

Class +3 1st Yr Science   Subject (Integral Calculus)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
12	11/1/22	1 PM	Optimization in Business, Economics and life sciences		Academic Bursar 17.1.22 Principal Pattamundai College
13	13/1/22		Riemann Integration as a limit of a sum. Statement, proof and few problems		
14	18/1/22		Integration by parts		
15	4/2/22		Reduction formulae, Derivatives.		
16	11/2/22		Illustrations of reduction formula of the type $\int \sin^n x\,dx$, $\int \cos^n x\,dx$		
17	12/2/22		Illustration of reduction formula of the type $\int \tan^n x\,dx$, $\int \sec^n x\,dx$		
18	16/2/22		Illustration of reduction formula of the type $\int (\log x)^n\,dx$		
19	18/2/22		Reduction formula of the type $\int \sin^m x \cos^n x\,dx$		
20	21/2/22		Definite Integral. Concepts and problems on it		
21	22/2/22		Integration by substitution and more problems		
22	24/2/22		Volume of slicing Solid of revolution		
23	24/2/22		Volume by slicing using Disk method.		

PROGRESS

Class +3 1st Yr Science Subject Core I (Calculus)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
24	2/3/22		Volume by slicing using washer method	Alq	
25	3/3/22		Cylindrical shell Method and examples on it.	Alq	
26	4/3/22		Parametric Equations Geometrical meaning of parameter	Alq	
27	7/3/22		Parameterizing a curve	Alq	
28	9/3/22		Tangents lines to parametric curves	Alq	
29	11/3/22		Arc length for Cartesian curve.	Alq	
30	14/3/22		Arc length for parametric curves	Alq	
31	16/3/22		Surface of revolution Introduction and Conceptual Discussion	Alq	
32	21/3/22		Area of surface of revolution and Parameterized curves	Alq	
33	24/3/22		Techniques for sketching the parabola $y^2=4ax, a>0$	Alq	
34	21/4/22		Technique for sketching the Ellipse	Alq	
35	22/4/22		Technique for sketching hyperbola in standard form	Alq	
36	26/4/22		Reflection properties of Parabola	Alq	

PROGRESS

Class +3 1st Yr Science Subject Core I (Calculus)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
37	28/4/22		Reflection properties of Ellipse and Hyperbola and problems on it	Ale	
38	2/5/22		Rotation of axes and second degree equations.	Ale	
39	5/5/22		More problems on rotation of axes and second degree equations.	Ale	
40	7/5/22		Classification of conic using the discriminant B^2-4AC.	Ale	
41	9/5/22		Polar equation of conic	Ale	09/05/22 Academic Bursar

LESSON PLAN

Class +3 2nd Yr. Science Subject Core VII (Partial Differential Equations and System of ODEs) No. of Periods/Week 04

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	Nov	Core VII Unit-I	Partial Differential Equations – Basic concepts and Definitions, Mathematical Problems, First-order Equations: Classification, Construction and Geometrical Interpretation. Method of Characteristics for obtaining General Solution of Quasi linear Equations. Canonical forms of First-order Linear Equations. Method of Separation of Variables for solving first-order partial differential equations.	08
02	Dec	Unit-II	Derivation of Heat Equation, wave equation and Laplace equation. Classification of second order linear equations as hyperbolic, parabolic or elliptic. Reduction of second order linear equations to canonical forms.	10
03	Jan & Feb	Unit-III	The Cauchy problem, Cauchy problem of an infinite string. Initial Boundary Value problems, Semi-Infinite String with a fixed end, Semi-Infinite String with a free end. Equations with non homogeneous boundary conditions, Non-Homogeneous wave equation. Method of separation of variables. Solving the vibrating string problems. Solving the Heat Conduction problem	19
04	March	Unit-IV	Systems of linear differential equations, types of linear systems, differential operators, an operator method for linear systems with constant coefficients, Basic Theory of linear systems in normal form, homogeneous linear systems with constant coefficients. Two equations in two unknown functions, the method of successive approximations.	15

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Semester IV

PROGRESS

Class +3 2nd Yr Science

Subject Core VII (Partial Differential Equations and System of ODEs)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	03/11/21	1.45	Partial Differential Equations - Basic concepts, order and Degree.		
02	08/11/21	1.00	Mathematical problems of PDE.		
03	09/11/21	12.15	First-order equations: Classification.		
04	11/11/21	12.15	First order equations: Formulation and Geometrical Interpretation		
05	17/11/21	1.45	Method of characteristics for obtaining General solution of Quasi linear equations.		
06	23/11/21	12.15	Canonical forms of 1st order linear equations.		
07	24/11/21	1.45	Problems on canonical forms of 1st order linear equations		
08	26/11/21	1.45	Method of separation of variables for solving 1st order partial differential equations.		
09	30/11/21	12.15	Problems on variable separable method of 1st order PDE.		
10	10/12/21	1.45	Derivation of Heat equation and problems on it.		
11	17/12/21	1.45	Derivation of wave equation and problems on it.		

PROGRESS

Class ...+3 2nd Yr. [illegible]... Subject ...VII (Partial Diff. Equations and System of ODEs.)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
12	18/12/21	1.45	Laplace equation and problems on it.	Ale	
13	24/12/21	11.30	Classification of 2nd order linear equations: Hyperbolic, Parabolic, Elliptic	Ale	
14	24/12/21	1.45	Problems on 2nd order Hyperbolic and Parabolic equations.	Ale	
15	10/1/22	12.15	Problems on 2nd order Elliptic equations.	Ale	17/01/22 Academic Burs
16	15/1/22	12.15	Reduction of 2nd order linear equations to Canonical forms	Ale	17.1.22
17	21/1/22		More problems on reduction of 2nd order linear equations to canonical forms.	Ale	Principal Pattamundai Colle
18	24/1/22		The Cauchy Problem. Definition and Conceptual study.	Ale	
19	28/1/22		Cauchy problem of an infinite string.	Ale	
20	29/1/22		More problems based on Cauchy problem of an infinite string.	Ale	
21	2/2/22		Initial Boundary value problems.		

PROGRESS

CNEVII (Partial Diff Equations and System of ODEs)

Class +3 2nd Yr Science Subject and System of ODEs)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
22	7/2/22		Important problems on the Boundary value problem	Ak	
23	9/2/22		Semi-Infinite string with a fixed end.	Ak	
24	11/2/22		More problems on semi Infinite string with a fixed end.	Ak	
25	12/2/22		Semi infinite string with a free end.	Ak	
26	16/2/22		More problems on semi-infinite string with a free end	Ak	
27	17/2/22		Equations with non homogeneous boundary condition.	Ak	
28	18/2/22		More problems on equations with non homogeneous boundary condition.	Ak	
29	22/2/22		Non homogeneous wave equation.	Ak	
30	23/2/22		Important problems on Non homogeneous wave equation	Ak	
31	26/2/22		Method of separation of variables.	Ak	
32	28/2/22		More problems on method of separation of variables.	Ak	

PROGRESS

Core VII (Partial Diff Equation and System of ODEs)

Class +3 2nd Yr Science Subject and System of ODEs)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
33	2/3/22		Solving the vibrating string problems.	Ak	
34	4/3/22		More problems on solving the vibrating string problems.	Ak	
35	8/3/22		Solving the Heat conduction problem	Ak	
36	9/3/22		More problems on solving the Heat conduction problem	Ak	
37	11/3/22		System of linear differential equations	Ak	
38	12/3/22		Types of linear systems, Definition and Conceptual Discussion.	Ak	
39	15/3/22		Differential operators Definition and Uses.	Ak	
40	16/3/22		An operator method for linear systems with constant coefficients		

PROGRESS

Class +3 2nd Yr Science

Subject Core VII (Partial Diff Equations and System of ODEs)

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
41	21/3/22		More problems on operator method for linear systems with constant coefficients		
42	22/3/22		Basic theory of linear systems in normal form.		29/05/22 Academic Bursar
43	19/4/22		More problems on Basic theory of linear systems in Normal form		

LESSON PLAN

Core XI

Class +3 3rd Yr Science Subject Multivariable Calculus No. of Periods/Week 03

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	Nov	Core XI Unit I	Functions of several variables, limits and continuity of functions of two variables. Partial differentiation, total differentiability and differentiability, sufficient condition for differentiability. Chain rule for one and two independent parameters, directional derivatives, the gradient, maximal and normal property of the gradient, tangent planes.	12
02	Dec	Unit II	Extrema of functions of two variables, method of Lagrange multipliers, constrained optimization problems. Definition of vector field, divergence and curl, Double integration over rectangular region, double integration over nonrectangular region. Double integrals in polar co-ordinates.	15
03	Jan & Feb.	Unit III	Triple integrals, Triple integral over a parallelepiped and solid regions. Volume by triple integrals, cylindrical and spherical co-ordinates. Change of variables in double integrals and triple integrals.	12
04	March	Unit IV	Line integrals, Applications of line integrals: Mass & Work. Fundamental Theorem for line integrals, conservative vector fields, independence of path. Green's theorem, surface integrals, Integrals over parametrically defined surfaces. Stoke's Theorem. The Divergence Theorem.	15

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Semester V

PROGRESS

Core XI

Class +3 3rd Yr Science Subject Multivariate Calculus

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	03/11/21	10 AM	Functions of two variables and its domain, Function of three variables and its domain, Neighbourhood of a point		
02	08/11/21	10 AM	Double or Simultaneous limit of a function of two variables		
03	10/11/21	10 AM	Simultaneous limit, Repeated limit. Continuity of a function of two variables.		
04	13/11/21	10 AM	Partial Differentiation.		
05	16/11/21	10 AM	Differentiability and Differential. Necessary condition for differentiability. Sufficient condition for differentiability		
06	17/11/21	10 AM	Partial derivative of Higher order.		
07	18/11/21	10 AM	Partial derivative as the slope of a Tangent lines & partial derivatives as rates of change.		
08	19/11/21	10 AM	Derivatives of composite functions and change of variables.		
09	20/11/21	10 AM	Derivative of Implicit Function		
10	23/11/21	10 AM	Directional Derivative and problems on it.		
11	24/11/21	10 AM	Gradient and problems related to it.		
12	25/11/21	10 AM	Maximal and normal properties of Gradient.		
13	30/11/21	10 AM	Tangent planes.		

PROGRESS

Core XI

Class +3 3rd Yr Science Subject Multivariable Calculus

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
14	02/12/21	10AM	Expansion of functions of two variables: Taylor's Theorem, Maclaurin's Theorem, Jacobians.		
15	07/12/21	10AM	Extreme values of a function of two variables		
16	09/12/21	11AM	Extreme values of a function of three variables		
17	11/12/21	10AM	Method of Lagrange multipliers		
18	14/12/21	10AM	Constrained optimization problem		
19	17/12/21	10AM	vector field and its properties.		
20	18/12/21	10AM	Divergence and curl of a vector function		
21	21/12/21	10AM	Problems on Divergence and curl of a vector function		
22	22/12/21	11AM	Double integration over rectangular region		
23	23/12/21	10AM	Problems on double integration over rectangular region		
24	10/1/22	10AM	Double integration over non rectangular region		

PROGRESS

Core XI

Class +3 3rd Yr Science Subject Multivariate Calculus

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
25	13/1/22	10AM	Problems on double integration over non rectangular region	Ale	
26	15/1/22	10AM	Double integrals in Polar coordinates.	Ale	17.01.2022 Academic Bursar 17.1.22 Principal Pattamundai Colleg
27	17/1/22		Triple Integrals & properties of triple integrals	Ale	
28	29/1/22		Reduction of triple integrals to repeated integrals.	Ale	
29	31/1/22		Volume by Triple integrals.	Ale	
30	10/2/22		Cylindrical Co-ordinates Definition and Conceptual studies	Ale	
31	14/2/22		Triple Integral in Cylindrical Coordinates.	Ale	
32	15/2/22		Centre of gravity and centroid of a solid	Ale	
33	18/2/22		Conversion formulas involving Spherical Coordinates	Ale	
34	21/2/22		Triple integrals in Spherical Coordinates	Ale	
35	23/2/22		More problems on triple integrals and spherical coordinates	Ale	

PROGRESS

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Class +3 3rd Yr Science Subject Multivariate Calculus

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
36	24/2/22		Change of variables in double integrals and triple integrals	Alg	
37	26/2/22		More problems in change of variables in double integrals and triple integrals.	Alg	
38	28/2/22		Line integrals, Basic facts about line integrals	Alg	
39	2/3/22		Line integrals of vector fields and problems on it.	Alg	
40	3/3/22		Application of line integrals : Mass & work	Alg	
41	4/3/22		The fundamental theorem and path independence	Alg	
42	4/3/22		Closed loop integrals and problems on it.	Alg	
43	7/3/22		Fundamental Theorem for line integrals and proof	Alg	
44	8/3/22		Conservative vector fields and problems on it.	Alg	

PROGRESS

Core XI

Class +3 3rd Yr Science

Subject Multivariate Calculus

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
45	10/3/22		Curl criteria for a conservative vector field in R³.	Alg	
46	11/3/22		Green's Theorem Statement and Proof	Alg	
47	12/3/22		Area as a line integral. Green's Theorem for multiply-connected region	Alg	09/05/22
48	15/3/22		Green's Theorem in the plane in vector notation	Alg	Academic Bursar
49	16/3/22		Normal Derivatives and surface integrals.	Alg	

LESSON PLAN

DSE-I

Class +3 3rd Yr Science Subject Linear Programming No. of Periods/Week

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	Nov & Dec	DSE-I Unit-I	Introduction to linear programming problem, Theory of simplex method, optimality and unboundedness, the simplex algorithm, simplex method in tableau format, introduction to artificial variables, two-phase method, Big-M-method and their comparison.	12
02.	Jan	Unit II	Duality, formulation of the dual problem, primal-dual relationships. Fundamental Theorem of Duality, Economic interpretation of the dual.	08
03	Feb	Unit III	Transportation problem and its mathematical formulation, northwest-corner method, least cost method and Vogel approximation method for determination of starting basic solution, algorithm for solving transportation problem. Assignment problem and its mathematical formulation, Hungarian method for solving assignment problem.	09
04	March	Unit-IV	Game Theory, formulation of two person zero sum games, solving two person zero sum games, games with mixed startegies, graphical solution procedure, linear programming solution of games.	15

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LESSON PLAN

DSC-1

Class B3 3rd Yr. Science   Subject Linear Programming   No. of Periods/Week ....

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	Nov & Dec	DSC-1 Unit-I	Introduction to Linear Programming Problem, Theory of simplex method, optimality and unboundedness, the simplex algorithm, simplex method in tableau format, introduction to artificial variables, two-phase method, Big-M method and their comparison.	12
02.	Jan	Unit II	Duality, formulation of the dual problem, primal-dual relationships, Fundamental Theorem of Duality, Economic interpretation of the dual.	08
03	Feb	Unit III	Transportation problem and its mathematical formulation, northwest-corner method, least cost method and Vogel approximation method for determination of starting basic solution, algorithm for solving transportation problem. Assignment problem and its mathematical formulation, Hungarian method for solving assignment problem.	09
04	March	Unit IV	Game Theory, formulation of two person zero sum games, solving two person zero sum games, games with mixed strategies, graphical solution procedure, linear programming solution of games.	15

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PROGRESS

Class +3 3rd Yr. Science   Subject Linear Programming

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	03/11/21	10 AM	Introduction to Linear Programming Problem, Formulation, Canonical form.		
02	06/11/21	10 AM	Simplex method and its concepts.		
03	09/11/21	10 AM	Optimality in simplex method.		
04	11/11/21	10 AM	Unboundedness in simplex method.		
05	15/11/21	10 AM	The simplex algorithm.		
06	17/11/21	10 AM	Simplex method in tableau format.		
07	18/11/21	10 AM	Introduction to artificial variables, slack variables and surplus variables.		Academic Bursar
08	19/11/21	10 AM	Problems on artificial variables.		17.1.22 Principal Pattamundai College
09	3/1/22	10 AM	Mathematical formulation and solution of problem by simplex method using slack variable and surplus variable		
10	24/1/22	10 AM	Use of artificial variables in Two phase method.		

PROGRESS

DSE-I

Class +3 3rd Yr Science Subject Linear Programming

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
11	27/1/22	10 AM	More problems on Two phase method	Ale	
12	31/1/22	10 AM	Use of artificial variables in Big M-method or Method of Penalties.	Ale	
13	3/2/22	10 AM	More problems on method of penalties.	Ale	
14	7/2/22	10 AM	Comparison between Two phase method and Big M method.	Ale	
15	10/2/22	10 AM	Degeneracy in linear programming	Ale	
16	14/2/22	10 AM	Application of simplex method to real life problem.	Ale	
17	16/2/22	10 AM	General Primal-Dual pair (Definition). Method of formulating a dual problem.	Ale	
18	17/2/22	10 AM	Theorem on Primal and Dual, statement and proof.	Ale	
19	22/2/22	10 AM	Primal-Dual relationship.	Ale	

PROGRESS

DSE-C

Class +3 3rd Yr Science Subject Linear Programming

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
20	23/2/22	10 AM	Fundamental theorem of Duality and problems on it.	Ale	
21	25/2/22	10 AM	Economic interpretation of the dual and problems on it.	Ale	
22	26/2/22	10 AM	Transportation problem (Definition) & Mathematical formulation.	Ale	
23	2/3/22		Determination of starting basic solution by North-West corner method.	Ale	
24	3/3/22		Determination of starting basic solution by least cost method.	Ale	
25	4/3/22		Determination of starting basic solution by vogel approximation method	Ale	
26	7/3/22		Algorithm for solving transportation problem.	Ale	
27	8/3/22		Assignment problem (Definition) and Mathematical formulation.	Ale	

PROGRESS

DSE-I

Class +3 3rd Yr Science Subject Linear Programming

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
28	9/3/22		More problem on mathematical formulation of assignment problem	Ale	
29	10/3/22		Hungarian method for solving assignment problem.	Ale	
30	11/3/22		More problems on Hungarian method for solving assignment problem	Ale	
31	12/3/22		Game theory (Definitions). Formulation of two person zero sum games.	Ale	
32	14/3/22		Solving two person zero sum game	Ale	
33	15/3/22		More problems of solving two person zero sum game	Ale	09/05/2
34	16/3/22		Games with mixed strategies	Ale	Academic Bursa

R.C.

LESSON PLAN

Core IV

Class +3 1st Yr Science Subject Differential Equation No. of Periods/Week ....

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	July & August	Core IV Unit I	Differential Equations and mathematical models, General, Particular, Explicit, Implicit and Singular solutions of a differential equation. Exact differential equations and Integrating factors, Separable equations and equations reducible to this form, Linear equations and Bernoulli's equation special integrating factors and transformations.	12
02	Sept.	Unit II	Introduction to compartmental models. Exponential decay radioactivity (case study of detecting art forgeries), Lake pollution model (with case study of Lake Barley Griffin), drug assimilation into the blood (case study of dull, dizzy and dead). exponential growth of population. Density dependent growth, Limited growth with harvesting.	08
03	Oct.	Unit III	General solution of homogeneous equation of second order, principle of superposition, Wronskian, its properties and applications, method of undetermined coefficients, Method of variation of parameters, Linear homogeneous and non-homogeneous equations of higher order with constant coefficients, Euler's equation.	12

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Semester II

PROGRESS

Core IV

Class [illegible] Subject Differential Equation

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	14/3/22	1 hr	Differential equation, order and Degree, Mathematical models of Differential equation		
02	15/3/22	1 hr	Types of solution: General, Particular, Explicit, Implicit and Singular solution		
03	21/3/22	1 hr	Exact Differential Equation Definition, Condition of exactness and solutions.		
04	22/3/22	1 hr	Integrating factor of type $\frac{1}{Mx+Ny}$, $\frac{1}{Mx-Ny}$		
05	26/3/22		Integrating factor of type $e^{\frac{\frac{\partial M}{\partial y}-\frac{\partial N}{\partial x}}{N}}$.		
06	29/3/22	1 hr	Integrating factor of type $e^{-\int\left\{\frac{\frac{\partial M}{\partial y}-\frac{\partial N}{\partial x}}{M}\right\}}$		
07	1/4/22	1 hr	Solution of differential equation by using separation of variables		
08	3/4/22	1 hr	Homogeneous Differential Equation;		
09	16/4/22	1 hr	Equation reducible to Homogeneous differential equation.		

PROGRESS

Class +3 1st Yr Science Subject Differential Equations

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
10	20/8/22		Linear Differential Equation Definition and Solutions of linear Differential equation	Alg	
11	23/8/22		Bernoulli's Differential Equation, Definition and Solution of Bernoulli's Differential equation.	Alg	
12	25/8/22		Special Integrating factors and transformations	Alg	
13	27/8/22		Introduction to Compartmental. and problems and its, Solutions.	Alg	
14	29/8/22		Exponential decay radioactivity (Case study of detecting art forgeries)	Alg	
15	3/9/22		Lake pollution model (with case study of Lake Burley Griffin)	Alg	
16	6/9/22		Drug assimilation in to the blood (Case study of dull, dizzy & dead)	Alg	
17	12/9/22		Exponential growth of population.	Alg	

PROGRESS

Class: +3 1st Semester
Subject: Differential Equations

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
18	15/9/22		Density dependent growth and problems on it.		
19	17/9/22		Constant growth with harvesting and problems on it.		
20	19/9/22		Homogeneous equation of second order and its general solution.		
21	20/9/22		Principle of superposition and problems on it		
22	22/9/22		Wronskian, Definition, Properties of Wronskian Applications of Wronskian		
23	24/9/22		More problems of Homogeneous equation of second order using Wronskian.		
24	11/10/22		Method of undetermined coefficients and solution of homogeneous equation of 2nd order by using UC.		
25	12/10/22		Method of variation of parameters.		

PROGRESS

Class M.Sc. 1st Sem, General Subject Differential Equations

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
26	11/10/22		Linear homogeneous equations of higher order with constant coefficients.		03/05/1 Aca demic Bursa

LESSON PLAN

Numerical Methods (CVIII)

Class +3 2nd Yr Science Subject Scientific Computing No. of Periods/Week ....

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	July & August	Core VIII Unit-I	Rate of Convergence, Algorithms, Errors: Relative, Absolute, Round off, Truncation. Approximations in scientific computing, Error propagation and amplification, conditioning, stability and accuracy, computer arithmetic mathematical Software and libraries, visualisation, Numerical solution of non linear equations: Bisection method, Regula-Falsi method, Secant method, Newton-Raphson method, Fixed point iteration method	12
02	Sept	Unit-II	Rate of convergence of the above methods. System of linear algebraic equations: Gaussian Elimination and Gauss Jordan methods. Gauss Jacobi method, Gauss Seidel method and their convergence analysis, Computing of eigen-values and eigen vectors.	14
03	Sept & Oct	Unit-III	Polynomial interpolation: Existence uniqueness of interpolating polynomials. Lagrange and Newton's divided difference interpolation, Error in interpolation, central difference and averaging operators, Gauss-forward and backward difference interpolation, Hermite and Spline interpolation, piecewise polynomial interpolation.	15

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Semester IV

PROGRESS

Class +3 [illegible] Science

Subject Numerical Methods & Scientific Computing

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	15/7/22		Rate of convergence, Algorithms		
02	16/7/22		Different types of errors: 1) Relative error 2) Absolute error 3) Round off error 4) Truncation error.		
03	19/7/22		Approximation in scientific computing.		
04	20/7/22		Error propagation and amplification.		
05	21/7/22		Conditioning, stability and accuracy in calculation		
06	25/7/22		Computer arithmetic mathematical software and libraries.		
07	28/7/22		Visualisation and conceptual discussion		
08	30/7/22		Numerical solution of non linear equation by using Bisection method		
10	3/8/22		Numerical solution of non linear equation by using Regula-Falsi method		

PROGRESS

CM VIII

Class B3 2nd Yr. Science

Subject Numerical methods of scientific computing

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
11	12/8/22		Numerical solution of non linear equation by using Secant method	Ale	
12	16/8/22		Numerical solution of non linear equation by using Newton-Raphson method.	Ale	
13	19/8/22		Numerical solution of non linear equation by using Fixed-point iteration method	Ale	
14	20/8/22		Rate of convergence of Bisection method and Regula-Falsi method	Ale	
15	22/8/22		Rate of convergence of Secant method and Newton-Raphson method	Ale	
16	25/8/22		Rate of convergence of Fixed point iteration method	Ale	
17	27/8/22		Solution of the system of linear algebraic equations by Gaussian Elimination method	Ale	
18	29/8/22		Solution of system of linear algebraic equations by Gauss Jordan method	Ale	
19	02/09/22		Solution of System of linear algebraic equations by Gauss Jacobi method.	Ale	

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PROGRESS

Core VIII

Class +3 3rd Yr Science

Subject Numerical method of Scientific Computing

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
20	05/09/22		Solution of the system of linear algebraic equations by using Gauss Seidal method.		
21	06/09/22		Convergence analysis of Gaussian elimination method.		
22	07/9/22		Convergence analysis of Gauss Jordan method		
23	08/9/22		Convergence analysis of Gauss Jacobi method		
24	09/9/22		Convergence analysis of Gauss-Seidal method		
25	15/9/22		Computing eigen values and eigenvectors.		
26	17/9/22		More problems on eigen values and eigenvectors		
27	19/9/22		Theorem on existence of uniqueness of interpolating polynomials and simple problems.		05/10/22 Academic Bursar

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PROGRESS

Core VIII

Class +3 5th Sem Science

Subject Numerical methods of scientific computing.

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
28	20/9/22		Lagrange Interpolation and problems on it.		

LESSON PLAN

Core XIV

Class +3 3rd Yr Science Subject Group Theory II No. of Periods/Week

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
1	April & May	Core XIV Unit I	Automorphism, Inner Automorphism, Automorphism groups, Automorphism groups of finite and Infinite cyclic groups, Applications of factor groups to automorphism groups, Characteristic subgroups	10
2	May	Unit II	Commutator subgroup and its properties, Properties of external direct products, the group of units modulo n as an external direct product, internal direct products, Fundamental Theorem of finite abelian groups.	10
3	June	Unit-III	Group actions. Stabilizers and kernels, permutation representation associated with a given group action, Application of group action: Generalised Cayley's theorem, Index Theorem	06
4	June	Unit-IV	Groups acting on themselves by conjugation, Class equation and consequences, conjugacy in S_n, p-groups, Sylow's theorems and consequences, Cauchy's theorem, Simplicity of A_n for $n \geq 5$, non-simplicity tests	10

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Class +3 3rd Yr. Science

Core XIV

Subject Group Theory II

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	19/4/22		Automorphism of group: Fundamental concepts	Alg	
02	20/4/22		Inner Automorphism Definition and conceptual Discussion	Alg	
03	22/4/22		Automorphism groups - Basic definition and Theorem	Alg	
04	23/4/22		Automorphism and cyclic groups.	Alg	
05	26/4/22		Automorphism groups of finite cyclic groups. and Theorem	Alg	
06	27/4/22		Automorphism groups of Infinite cyclic groups and Theorem.	Alg	
07	29/4/22		Applications of factor groups to automorphism groups.	Alg	
08	30/4/22		Theorems of factor groups to automorphism groups and problems on it	Alg	
09	04/5/22		Characteristic subgroups Conceptual Discussion;	Alg	
10	05/5/22		Problems on characteristic subgroups.	Alg	

Semester- VI

PROGRESS

Core XIV

Class [illegible]

Subject: Group Theory II

Sl. No.	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	14/4/22		Automorphism of group: Fundamental concepts.		
02	20/4/22		Inner Automorphism Definition and conceptual Discussion		
03	21/4/22		Automorphism groups: Basic definition and Theorem		
04	23/4/22		Automorphism and cyclic groups.		
05	26/4/22		Automorphism groups of finite cyclic groups. and Theorem		
06	27/4/22		Automorphism groups of Infinite cyclic groups and Theorem.		
07	28/4/22		Application of factor groups to automorphism groups.		
08	30/4/22		Theorems of factor groups to automorphism groups and problems on it.		
09	04/5/22		Characteristic subgroups. Conceptual Discussion.		
10	05/5/22		Problems on characteristic subgroups.		

PROGRESS

Semester VI
Core XIV

Class +3 3rd Yr Science
Subject Group Theory II

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	19/4/22		Automorphism of group: Fundamental concepts		
02	20/4/22		Inner Automorphism Definition and conceptual Discussion		
03	22/4/22		Automorphism groups: Basic definition and Theorem.		
04	23/4/22		Automorphism and cyclic groups;		
05	26/4/22		Automorphism groups of finite cyclic groups. and Theorem		
06	27/4/22		Automorphism groups of Infinite cyclic groups and Theorem.		
07	29/4/22		Application of factor groups to automorphism groups.		
08	30/4/22		Theorems of factor groups to automorphism groups and problems on it.		
09	04/5/22		Characteristic subgroups Conceptual Discussion.		
10	03/5/22		Problems on Characteristic subgroups.		

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PROGRESS

Core XIV

Class +3 | B.Sc. [illegible] Subject Group Theory II

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
11	6/5/22	2/A	Commutator subgroups Definition and Different examples	Alg	
12	7/5/22	2/A	Properties of commutator subgroups.	Alg	
13	7/5/22	2/A	Fundamental concept of external direct product	Alg	
14	9/5/22	2/A	Properties of external direct properties	Alg	
15	10/5/22	2/A	Theorems on properties of external direct properties	Alg	
16	11/5/22	2/A	The group of units modulo n as an external direct product	Alg	
17	12/5/22	2/A	Internal Direct product Basic definition and properties	Alg	07/05/22
18	14/5/22	2/A	Problems on internal direct products.	Alg	Academic Bursa
19	16/5/22	2/A	Fundamental Theorem of finite abelian groups.	Alg	
		2/A			

PROGRESS

Core XIV

Class +3 3rd Yr Science Subject Group Theory II

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
20	17/5/22		More problems on finite abelian groups	Ale	
21	19/5/22		Group actions	Ale	
22	20/5/22		Stabilizers and kernels Problems related to stabilizers and kernels	Ale	
23	23/5/22		Permutation representation associated with a given group action.	Ale	
24.	24/5/22		Application of group action and conceptual study	Ale	
25	17/6/22		Generalised Cayley's Theorem statement and proof	Ale	
26	20/6/22		Index Theorem: Statement and proof.	Ale	
27	21/6/22		Groups acting on themselves by conjugation	Ale	
28	22/6/22		Class equation and consequences.	Ale	
29	23/6/22		Conjugacy on S_n and related problems on it.	Ale	29/07/22 Academic Bursar
30	29/6/22		p-groups and problems on it.	Ale	

PATTAMUNDAI COLLEGE

PATTAMUNDAI, KENDRAPARA

SESSION 2021 -2022

Even Semester

CLASS +3 1st, 2nd and 3rd Year

+3 STREAM

LESSON PLAN AND PROGRESS REGISTER

(To be maintained by all members of teaching staff)

FULL NAME OF THE TEACHER SUBHASIS MISHRA

DESIGNATION LECTURER IN ECONOMICS

DEPARTMENT ECONOMICS

S Mishra
Signature

PATTAMUNDAI COLLEGE

Pattamundai, Kendrapara

Affix
Photograph

BIODATA

1. Name : SUBHASIS MISHRA (Capital Letters)

Designation : Lecturer in Economics

3. Date of Birth : 07.06.1990

4. Date of joining : 06.10.2016

5. Academic Qualification : MA, NET, JRF

6.Academic achievement :

a) No. of Research Project completed :

b) No. of On-going Projects :

c) No. of Research Scholars :

(i) Completed Ph.D. : (ii) Continuing Ph. D. :

(iii) Completed M.Phil.: (iv) Continuing M.Phil :

7. Any distinctions / prizes / awards received :

8. No. of Books published : __________

9. No. of Research paper published & Communicated __________

10. Present Address :

At - Damarpur Shasan
Po - Damarpur, Dist - Kendrapara
Odisha, PIN - 754217

Contact No. : Phone :/Mob. 7205425848

e-mail ID : Subhasismishra5@gmail.com

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Sl. No.	Class/ Semester	Paper/Unit	Topics assigned	Page No.
1	2	3	4	5
01	+3 6th Sem	Core-13, unit-1	Agricultural development in India	01
		unit-2	Industrial development in India	
		unit-3	Tertiary Sector, HRD and the External Sector.	
		unit-4	Indian economy and Environment	
02	+3 6th Sem	DSE-3, unit-1	Importance of trade and trade theories.	07
		unit-2	Trade policy and international Economic institutions.	
03	+3 4th Sem	core-8, unit-1	Firm supply and equilibrium.	11
		unit-2	General equilibrium, efficiency and welfare.	
04	+3 4th Sem	core-10, unit-1	Basics of Research	17
		unit-2	Research problem	
		unit-3	Issues in Research	
		unit-4	Actions in Research	
05	+3 2nd Sem	core-4, unit-1	Linear models	23
		unit-2	Second and Higher order Derivatives and integration.	
		unit-3	Single and multivariable optimization.	

LESSON PLAN

Class +3 3rd year Subject Economics, core-13 No. of Periods/Week ....

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	April 2022	core-13 unit-1	Indian agriculture, nature, importance trends, factor determining production	
02	April 2022	Unit-1	Land reforms, New agricultural strategy, Green Revolution, Rural credit, agricultural marketing.	
03	May 2022	Unit-2	Trends in industrial output, industrial policies, industrial licensing policy.	
04	may 2022	Unit-2	MRTP Act, FERA, FEMA, SSIs, Industrial sickness, industrial finance, Labour.	
05	may/June 2022	Unit-3	Tertiary sector, growth contribution to GDP and employment. HRD, Education Health and nutrition.	
06	June 2022	Unit-3	Foreign trade; role composition and direction, export promotion, import substitution, BOP, FDI and MNCs.	
07	June 2022	Unit-4	Environmental policy in India Environment protection act, National forest Policy, National conservation strategy, National environmental policy.	
08	July 2022	Unit-4	Climate change: IPCC, impact of climate change on India, Global Response, Role of India.	

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PROGRESS

Class +3 3rd year Subject Economics, Core-13

SL No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	11.04.22	10.00	Indian agriculture : Nature.	S. Mitra	
02	12.04.22	9.00	Importance of Indian agriculture.	S. Mitra	
03	13.04.22	10.00	Trends in agricultural production and productivity	S. Mitra	
04	16.04.22	9.00	Trends in agricultural production and productivity.	S. Mitra	
05	18.04.22	10.00	Factor determining production.	S. Mitra	
06	19.04.22	9.00	Land Reforms in India: objectives.	S. Mitra	
07	20.04.22	10.00	Measures of Land reforms in India.	S. Mitra	
08	21.04.22	9.00	New agricultural strategy in India	S. Mitra	
9	22.04.22	10.00	Green Revolution in India Features.	S. Mitra	
11	29.04.22	08.00	Achievement, and failure of Green Revolution	S. Mitra	
12	30.04.22	08.00	Rural credit and its types	S. Mitra	
13	02.05.22	08.00	Sources of Rural credit in India.	S. Mitra	

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PROGRESS

Class 43 3rd year Subject Economics Core-13

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
14	04.05.22	08.00	Agricultural marketing in India: meaning, types;	S. Mishra	
15	05.05.22	8.00	Agricultural marketing and warehousing.	S. Mishra	
16	06.05.22	08.00	Trends in industrial output.	S. Mishra	
17	07.05.22	08.00	Trends in industrial productivity.	S. Mishra	
18	07.05.22	08.00	Industrial policy of 1948	S. Mishra	
19	10.05.22	08.00	Industrial policies of 1956 and 1977.	S. Mishra	
20	11.05.22	08.00	Industrial policy of 1991.	S. Mishra	
21	12.05.22	08.00	Industrial licencing policy.	S. Mishra	
22	13.05.22	08.00	MRTP act	S. Mishra	
23	14.05.22	08.00	FERA and FEMA	S. Mishra	
24	16.05.22	08.00	Growth and problem of SSIs.	S. Mishra	

PROGRESS

Class ~~tc~~ +3 3rd Year Subject Economics Core-13

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
25	17.05.22	8.00	Industrial Sickness: causes and remedies.	S. Mitra	
26	18.05.22	8.00	Industrial finance; meaning and sources.	S. Mitra	
27	19.05.22	8.00	Industrial finance and industrial labour,	S. Mitra	
28	20.05.22	8.00	Growth and contribution of service sector to GDP	S. Mitra	
29	21.05.22	8.00	Share of service sector in employment.	S. Mitra	
30	23.05.22	8.00	Human development concept and measurement	S. Mitra	
31	24.05.22	8.00	HRD; indication and importance	S. Mitra	
32	25.05.22	8.00	Education in India	S. Mitra	
33	26.05.22	8.00	Indian educational policy.	S. Mitra	
34	27.05.22	8.00	Health and Nutrition	S. Mitra	
35	30.05.22	8.00	Foreign trade: Meaning and role	S. Mitra	

PROGRESS

Class +3 3rd Year Subject Economics, core-13

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
36	31.05.22	8.00	Composition and direction of India's foreign trade	S.mitram	
37	20.06.22	10.00	Trends of export any import in india	S.mitram	
38	21-06-22	10.00	Export promotion versus import substitution.	S.mitram	
39	22.06.22	10.00	Balance of payment of India	S.mitram	
40	23.06.22	10.00	India's trade policy,	S.mitram	
41	24.06.22	10.00	Foreign capital - FDI aid and MNCs.	S.mitram	
42	25.06.22	10.00	The environment protection act and rule 1986.	S.mitram	
43	29.06.22	10.00	The National Forest policy 1985.	S.mitram	
44	30.06.22	10.00	policy statement for abatement of pollution 1992.	S.mitram	
45	02.07.22	10.00	National conservation strategy, 1992.	S.mitram	
46	04.07.22	10.00	National environmental policy 2006.	S.mitram	

PROGRESS

Class +3 3rd Year Subject Economics, Core-13

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
47	05.07.22	10.00	Global deal with climate change and IPCC	S. Mitra	
48	06.07.22	10.00	Impact of climate change on India	S. Mitra	
49	07.07.22	10.00	Global response on climate change and role of India	S. Mitra	07/07/22

LESSON PLAN

Class +3 2nd Year Subject Economics, DSE-3 No. of Periods/Week

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	April 2022	DSE-3 Unit-1	Importance of international trade Absolute advantage, comparative advantage and opportunity cost theory.	06
02	May 2022	Unit-1	H:O Theory, Leontief Paradox factor price equalisation Theorem.	05
03	May 2022	Unit-2	T.O.T, Reciprocal demand, offer curve, Gains from trade, immeserizing growth.	05
04	June 2022	Unit-2	Tariff and quota - Impact, General equilibrium analysis, optimum tariff.	06
05	June 2022	Unit-2	Functions and Role of IMF, World Bank and WTO, their achievment and failure.	06
				28

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PROGRESS

DSE-3

Class H3 3rd year Subject Economics Core-13

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	11.04.22	09.00	Introduction to international Economics	S. mitra	
02	13.04.22	09.00	importance of the study of international Economics	S. mitra	
03	18.04.22	09.00	Inter-regional and international trade	S. mitra	
04	20.04.22	09.00	Theory of Absolute advantage	S. mitra	
05	22.04.22	09.00	Theory of Comparative advantage	S. mitra	
06	02.05.22	8.45	Theory of comparative advantage	S. mitra	
07	05.05.22	8.45	Hecksher - ohlin theory of international trade	S. mitra	
08	09.05.22	8.45	Hecksher - ohlin theory and Leontief paradox	S. mitra	
09	11.05.22	8.45	Factor price equalisation theorem.	S. mitra	
10	14.05.22	8.45	Factor price equalisation theorem	S. mitra	
11	18.05.22	8.45	Terms of trade and its importance	S. mitra	
12	20.05.22	8.45	Types of terms of trade	S. mitra	

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PROGRESS

DSE-3
~~Core-13~~

Class +3 3rd year Subject Economics

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
13	23.05.22	8.45	Doctrine of resiprocal demand		
14	26.05.22	8.45	offer curve technique and Gains from trade		
15	30.05.22	8.45	Trade as an Engine of economic growth.		
16	20.06.22	9.00	Theory of immiserizing growth		
17	21.06.22	9.00	Tariff - Partial equilibrium analysis.		
18	22.06.22	9.00	General equilibrium analysis of tariff.		
19	23.06.22	9.00	Quota : Effect of quota and optimum tariff.		
20	24.06.22	9.00	IMF : functions of IMF.		
21	25.06.22	9.00	Role of IMF in international liquidity.		
22	29.06.22	9.00	Reform for the emergence of international monetary System		
23	30.06.22	9.00	World bank : functions		

PROGRESS

DSE-3

Class +3 3rd Year Subject Economics ~~core 13~~

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
24	02.07.22	9.00	Achievement and failure of world bank	S. Mitra	
25	04.07.22	9.00	WTO : Function, achievement and failure.	S. Mitra	
26	05.07.22	9.00	Role of WTO from indian point of view.	S. Mitra	
27	06.07.22	9.00	Role of world bank from indian point of view.	S. Mitra	07/10/22

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LESSON PLAN

Class +3 2nd Year Subject Economics core-8 No. of Periods/Week

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	May 2022	core-8 unit-1	pure competition, supply curve of firm, inverse supply function, and producer surplus.	06
02	July 2022	Unit-1	Long run supply curve of firm Short run and long run industry supply, industry equilibrium.	05
03	Aug 2022	Unit-2	Edge worth Box, pareto efficiency Existence of equilibrium and efficiency.	06
04	Aug/sept 2022	Unit-2	Welfare theorems, PPCs comparative advantage and pareto efficiency.	06
				23

Counter Signature by HOD

S. Mishra
Signature of Teacher

PROGRESS

Class +3 2nd Year Subject Economics core-8

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	05.05.22	8.00	Introduction to market and market environment	S. mitra	
02	09.05.22	8.00	pure competition and its features.	S. mitra	
03	12.05.22	8.00	perfect competition and its characteristics	S. mitra	
04	16.05.22	8.00	Supply decision of a competitive firm	S. mitra	
05	19.05.22	8.00	Inverse supply function	S. mitra	
06	23.05.22	8.00	profit and producer surplus.	S. mitra	
07	20.06.22	10.45	Long run supply curve of a firm	S. mitra	
08	24.06.22	10.45.	Long run Average cost and short run industry supply.	S. mitra	
09	06.07.22	10.45	Longrun industry supply.	S. mitra	
10	15.07.22	11.30	Short run industry equilibrium.	S. mitra	
11	19.07.22	10.45	Long run industry equilibrium.	S. mitra	
12	22.07.22	11.30	zero profit and Economic rent.	S. mitra	
13	26.07.22	11.30	The edgeworth box and trade.	S. mitra	

PROGRESS

Class +3 2nd Year Subject Economics core-8

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
14	28·07·22	11·30	pareto efficiency criterion.	S. Mishra	
15	01·08·22	11·30	pareto efficient allocation	S. Mishra	
16	03·08·22	10·45	General equilibrium Existance, uniqueness	S. Mishra	
17	13·08·22	10·00	General equilibrium existence and efficiency.	S. Mishra	
18	17·08·22	10·45	The welfare theorems and their implication.	S. Mishra	
19	22·08·22	11·30	production and welfare theorems	S. Mishra	
20	25·08·22	11·30	production possibility	S. Mishra	
21	29·08·22	11·30	Comparative advantage and pareto efficiency.	S. Mishra	
22	03·09·22	10·00	Revision of the 1st unit	S. Mishra	07/9/
23	07·09·22	10·45	Revision of the 2nd Unit.	S. Mishra	

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LESSON PLAN

core-10

Class +3 2nd year Subject Economics No. of Periods/Week ....

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	May 2022	core-10 unit-1	Research : meaning, objectives motivation, types, Approach, significance	06
02	may 2022	unit-1	Research process, criteria of a good research, quality of a good Researcher.	06
03	June 2022	unit-2	Research problem : meaning, Selection, necessity and technique	07
04	July 2022	unit-2	Research Design : meaning, need Features, importance, Types.	06
05	July 2022	unit-3	measurement in research — measurement scale, sources of error, Technique and scaling.	06
06	Aug 2022	unit-3	Research ethics. Research proposal Review of literature, plagiarism and IPR.	07
07	Aug 2022	unit-4	English in report writing : words Sentences, Paragraph, writing styles.	06
08	Sept 2022	unit-5	Improving quality, drawing conclusions evaluation checklist and common citation styles.	06
				50

Counter Signature by HOD

S. Mishra
Signature of Teacher

PROGRESS

Class +3 2nd year

Subject Economics core-10

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	04.05.22	8.00	Introduction to Research methodology.	S.mitam	
02	06.05.22	8.00	Meaning and objectives of research.	S.mitam	
03	07.05.22	8.00	Motivation to conduct research.	S.mitam	
04	10.05.22	8.00	Types of Research.	S.mitam	
05	11.05.22	8.00	Types of Research	S.mitam	
06	13.05.22	8.00	Research approaches	S.mitam	
07	14.05.22	8.00	Significance of Research	S.mitam	
08	17.05.22	8.00	Research process	S.mitam	
09	18.05.22	8.00	criteria of a good research.	S.mitam	
10	20.05.22	8.00	qualities of a good researcher	S.mitam	
11	21.05.22	8.00	qualities of a good researcher	S.mitam	
12	23.05.22	8.00	Research as a career	S.mitam	

PROGRESS

Class +3 2nd year
Subject Economics, Core-10

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
13	20.06.22	10.45	Research problem : an introduction.		
14	22.06.22	10.45	Meaning and definition of Research problem.		
15	02.07.22	10.45	How to select the research problem.		
16	05.07.22	10.45	Necessity of defining research problem.		
17	07.07.22	10.45	Technique involved in defining a research problem		
18	08.07.22	10.45	Meaning and definition of research design.		
19	14.07.22	11.30	Need of research design.		
20	16.07.22	10.30	Features of a good research design.		
21	18.07.22	11.30	Importance of research design.		
22	20.07.22	10.45	Types of research design.		
23	21.07.22	10.45	Basic principles of experimental design.		
24	23.07.22	10.30	Basic principles of experimental design.		

PROGRESS

Class +3 2nd year

Subject Economics Core-10

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
25	26.07.22	10.45	Measurement in research meaning and definition.	S.mitra	
26	27.07.22	10.45	Measurement scales and its types	S.mitra	07/07/22
27	29.07.22	11.30	Sources of error in measurement	S.mitra	
28	3007-22	10.40	Test of sound measurement.	S.mitra	
29	02.08.22	10.45	Technique of measurement tools	S.mitra	
30	03.08.22	10.45	Scaling and important Scaling technique.	S.mitra	
31	12.08.22	11.30	Research Ethics: meaning, code and ethics	S.mitra	
32	16.08.22	10.45	permission to conduct research	S.mitra	
33	19.08.22	11.30	Responsibilities and confidentiality.	S.mitra	
34	20.08.22	10.00	Participatory Research and feedback	S.mitra	
35	23.08.22	10.45	Research proposal meaning.	S.mitra	
36	24.08.22	10.45	process and format for writing research proposal.	S.mitra	

PROGRESS

Class +3 2nd Year Subject ECONOMICS, Core-10

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
37	26.08.22	11.30	Review of Literature	Simithra	
38	27.08.22	10.00	Review of Literature: importance.	Simithra	
39	30.08.22	10.45	uses of Library and internet in research	Simithra	
40	02.09.22	11.30	Abstracting and word processing.	Simithra	
41	05.09.22	11.30	plagiarism and How to avoide it.	Simithra	
42	06.09.22	11.30	Concept of IPR.	Simithra	
43	08.09.22	11.30	English in report writing.	Simithra	
44	09.09.22	11.30	words and sentences	Simithra	
45	10.09.22	10.00	paragraph and writing style.	Simithra	
46	12.09.22	11.30	How to improve quality of research	Simithra	
47	13.09.22	10.45	Sections and drawing conclusions.	Simithra	
48	14.09.22	10.45	Evaluation checklist and persistance.	Simithra	

PROGRESS

Class +3 2nd year. Subject Economics core-10

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
49	21.09.22	1045	Common citation styles		
50	22.09.22	1045	APA, MLA and other citation styles		22/09/22

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LESSON PLAN

Class +3 1st year Subject Economics core-4 No. of Periods/Week ....

Sl. No	Month	Paper & Unit	Topics to be covered	No. of classes required
01	June 2022	core-4 Unit-1	input output model : Basic concept structure of open and static input output model.	05
02	July 2022	Unit-1	Solution for equilibrium output in a three industry model and the closed model.	04
03	July 2022	unit-2	Higher order derivative, second order derivatives and curvature of a fuction	05
04	Aug 2022	Unit-2	concavity, convexity, inflexion point, implicite derivatives Hither order partial derivative	06
05	Aug 2022	Unit-3	optimum values : Relative maxima minima, necessary and sufficient conditions and Economic application.	05
06	Sept 2022	Unit-3	Condition for multivariable optimization, convex function and convex sets.	05
				30

PROGRESS

Class +3 1st Year

Subject Economics core-4

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
01	20.06.22	11.30	Introduction to input output model.	S. Mithun	
02	21.06.22	11.30	Meaning and assumptions of input-output model.	S. Mithun	
03	22.06.22	11:30	Basic concepts of input output model.	S. Mithun	
04	23.06.22	11.30	Features and uses of input output model	S. Mithun	
05	24.06.22	11.30	Limitation of input output model.	S. Mithun	
06	02.07.22	11.30	Structure of Leontiefs open static model	S. Mithun	
07	04.07.22	11.30	Structure of Leontief's open input output model.	S. Mithun	
08	05.07.22	11.30	Hawkin Simon condition for feasibility test	S. Mithun	
09	06.07.22	11.30	solution for equilibrium output in two sector model.	S. Mithun	
10	07.07.22	11.30	solution for equilibrium in three sector model.	S. Mithun	
11	08.07.22	11.30	solution for equilibrium final demand in 3 sector model	S. Mithun	
12	14.07.22	10.00	the closed model.	S. Mithun	

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PROGRESS

Class +3 1st year Subject Economics core-4

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
13	15.07.22	9.15	Techniques of higher order differentiation	Simitam	
14	18.07.22	10.00	Technique of higher order differentiation	Simitam	
15	21.07.22	10.00	Interpretation of second derivative.	Simitam	
16	22.07.22	9.15	Second order derivative and curvature of a function	Simitam	
17	25.07.22	10.00	Second order derivative and curvature of a function.	Simitam	
18	28.07.22	10.00	Concavity and convexity of a function.	Simitam	
19	29.07.22	9.15	Concavity, convexity and point of inflection.	Simitam	
20	01.08.22	10.00	Derivative of implicit function.	Simitam	
21	19.08.22	9.15	Higher order partial derivative.	Simitam	
22	19.08.22	10.00	Higher order partial derivative.	Simitam	
23	22.08.22	10.00	Optimum values and extreme values.	Simitam	
24	25.08.22	10.00	Relative maxima and minima	Simitam	

PROGRESS

Class +3 1st Year   Subject Economics Core-4

Sl. No	Date	Time	Topics covered (If class not taken, mention the reasons)	Signature of Teacher	Signature of H.O.D / Principal
25	26.08.22	9.15	Necessary and sufficient condition for optimization.		
26	29.08.22	10.00	First and second order derivative tests.		
27	02.09.22	9.15	Economic application of single variable optimization.		
28	05.09.22	10.00	Multivariable optimization		
29	08.09.22	10.00	First and second order condition for multivariable optimization.		
30	09.09.22	9.15	convex function and convex set,		22/09/22
31	12.09.22	10.00	convex set and its uses.		

OFFICE OF THE PRINCIPAL
PATTAMUNDAI COLLEGE, PATTAMUNDAI

No. 1184 dt. 08/11/2021

NOTICE

The **Bridge Course** for +3 1st Semester students will be organised from 19th November 2021 for the Academic Session 2021-22. All the HODs are requested to prepare and submit syllabus for the said course on or before 10th November 2021 to IQAC. The course duration will be 07 days. Model syllabus is attached for your information.

English Syllabus: Tense, Subject Verb Agreement, Age of Chaucer.
(The syllabus should include some portions from +2 and +3 1st Semester Curriculum)

8/11/21

Principal
Pattamundai College

Copy to Guard File, IQAC, Staff Common Room

OFFICE OF THE PRINCIPAL
PATTAMUNDAI COLLEGE, PATTAMUNDAI

No. 1243 dt. 22/11/2021

NOTICE

The **Bridge Course** for +3 1st Year students will be organised on 24th November 2021 for the Academic Session 2021-22. All +3 1st Year students of different streams are asked to remain present in the **Auditorium Hall** at 12.15 p.m. to attend the inaugural ceremony of the said course.

22-11-2021

Principal
Pattamundai College

Copy to Guard File, Notice Board, IQAC, Staff Common Room

19.11.21
HOD, Sociology
Pattamundai College.

REPORT OF BRIDGE COURSE

The IQAC, Pattamundai College, conducted a Bridge Course for the academic session 2021-22 to bridge the gap between current UG syllabus and Intermediate syllabus. The course is meant for +3 I year students of different streams. All heads of different departments were asked to prepare and submit syllabus for the Bridge Course. Syllabuses were designed in such a way that the newcomers won't face any problems while pursuing the model syllabus for under graduation. The students' response to the syllabus is overwhelming which is clear from the no of participants. In some department almost all students participated in the course indicating its success. The programme was inaugurated by Principal Prof Prabhakar Rout, in presence IQAC coordinator Dr S.K.Pradhan, IQAC members Dr M.K.Nayak, Mr J.Malik, Mr Sarojakanta Nayak, Mr Subhasis Mishra and Academic Bursar Mr Sanjib Kumar Dash. A good number of students were present in the inaugural session. The importance of said course was discussed in the session by all the dignitaries. Numerous students asked various questions related to Bridge course, and their doubts have been cleared very efficiently by the respected dignitaries. At the end of the programme it was observed that students were very much satisfied and happy with the implementation of this course. Following the syllabus, all teachers completed their course in time. Students' feedback reflects the successful execution of the syllabus and course.

15/12/2021

Coordinator of IQAC

IQAC Co-ordinator
Pattamundai College

Principal

Pattamundai College

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: SOCIOLOGY	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
CAPT. MANOJ PANDA	Defn and subject matter of sociology	Emergence of sociology	Basic concepts society community	Association institution
Sign of Faculty with Date & Time	Manoj Panda 16.11.21	Manoj Panda 16.11.21	Manoj Panda 20.11.21	Manoj Panda 27.11.21
Roll No	Signature	Signature	Signature	Signature
BA21- 03	Shivanki mohanty	shivanki mohanty	shivanki mohanty	shivanki mohanty
BA21- 05	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda
BA21-09	Asima Nayak	Asima Nayak	Asima Nayak	Asima Nayak
BA21- 32	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray
BA21- 34	Snehajyotshna Rana	Snehajyotshna Rana	Snehajyotshna Rana	Snehajyotshna Rana
BA21- 38	Ambika Sethi	Ambika Sethi	Ambika Sethi	Ambika Sethi
BA21- 49				
BA21- 54	Raconita Panda	Raconita Panda	Raconita Panda	Raconita Panda
BA21-66	swati swagatika Malik	swati swagatika malik	swati swagatika malik	swati swagatika malik
BA21- 69	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray
BA21- 71	Monalisha behera	Monalisha behera	monalisha behera	monalisha behera
BA21- 74	Ankita Kunal	Ankita Kunal	Ankita Kunal	Ankita Kunal
BA21- 78	Monalisha Malik	Monalisha malik	Monalisha malik	Monalisha malik
BA21- 80	Ankita panda	Ankita panda	Ankita panda	Ankita panda
BA21- 83	Nitu behera	Nitu behera	Nitu behera	Nitu behera
BA21- 84	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy
BA21- 85	samarpita Panda	samarpita Panda	samarpita panda	samarpita panda
BA21-86	Arpita panda	Arpita Panda	Arpita panda	Arpita Panda
BA21- 100	Rasmipriya panda	Rasmipriya panda	Rasmipriya panda	Rasmipriya panda
BA21- 119	Amisha Dash	Amisha Dash	Amisha Dash	Amisha Dash
BA21- 121	Jharana Sethi	Jharana Sethi	Jharana Sethi	Jharana Sethi
BA21- 127	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick
BA21- 136	ASIS mallick	ASIS mallick	ASIS mallick	ASIS mallick

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: SOCIOLOGY	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
MR RANJIT KESHARI SENAPATI	Social control - Meaning & Nature	Types of Social control	Agencies of social control (Formal)	Informal Agencies of Social control
Sign of Faculty with Date & Time	Ranjit Keshari 17.11.21	Ranjit Keshari 19.11.21	Ranjit Keshari 22.11.21	Ranjit Keshari 24.11.21
Roll No	Signature	Signature	Signature	Signature
BA21-03	Shivanki mohanty	Shivanki mohanty	Shivanki mohanty	Shivanki mohanty
BA21-05	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda
BA21-09	Asima Nayak	Asima Nayak	Asima Nayak	Asima Nayak
BA21-32	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray
BA21-34	Snehajyotshna Rana	Snehajyotshna Rana	Snehajyotshna Rana	Snehajyotshna Rana
BA21-38	Ambika Sethi	Ambika Sethi	Ambika Sethi	Ambika Sethi
BA21-49				
BA21-54	Rashmita panda	Rashmita panda	Rashmita panda	Rashmita panda
BA21-66	Swati swagatika malik	Swati swagatika malik	Swati swagatika malik	Swati swagatika malik
BA21-69	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray
BA21-71	monalisha behera	monalisha behera	monalisha behera	monalisha behera
BA21-74	Ankita kund	Ankita kund	Ankita Kund	Ankita kund
BA21-78	Monalisha malik	Monalisha malik	Monalisha malik	Monalisha malik
BA21-80	Ankita panda.	Ankita panda	Ankita panda	Ankita panda.
BA21-83	Nitu Behera	Nitu Behera	Nitu Behera	Nitu Behera
BA21-84	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy
BA21-85	Samarpita Panda	Samarpita Panda	Samarpita Panda	Samarpita Panda
BA21-86	Arpita panda	Arpita panda	Arpita panda	Arpita panda
BA21-100	Laxmipriya panda	Laxmipriya panda	Laxmipriya panda	Laxmipriya panda
BA 21 - [illegible]				
BA21-119	Amisha Dash	Amisha Dash	Amisha Dash	Amisha Dash
BA21-121	Jharana sethi	Jharana sethi	Jharana sethi	Jharana sethi
BA21-127	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick
BA21-130	Asis mallick	Asis mallick	Asis mallick	Asis mallick

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: SOCIOLOGY	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
CAPT. MANOJ PARIDA	Relationship of sociology with Anthropology.	Relationship of Sociology with History.	Relationship of sociology with Pol. science.	Relationship of sociology with Economics.
Sign of Faculty with Date & Time	Manoj parida 5.11.21	Manoj parida 6.11.21	Manoj parida 10.11.21	Manoj parida 13.11.21
Roll No	Signature	Signature	Signature	Signature
BA21-03	Shivanki mohanty	Shivanki mohanty	Shivanki mohanty	Shivanki mohanty
BA21-05	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda
BA21-09	Asima Nayak	Asima Nayak	Asima Nayak	Asima Nayak
BA21-32	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray
BA21-34	Sneha Jyotshna Rana	Sneha Jyotshna Rana	Sneha Jyotshna Rana	Sneha Jyotshna Rana
BA21-38	Ambika Sethi	Ambika Sethi	Ambika Sethi	Ambika Sethi
BA21-49				
BA21-54	Racharita panda	Racharita panda	Racharita panda	Racharita panda
BA21-66	swati swagatika malik	swati swagatika malik	swati swagatika malik	swati swagatika malik
BA21-69	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray
BA21-71	monalisha behera	monalisha behera	monalisha behera	monalisha behera
BA21-74	Ankita Kaul	Ankita Kaul	Ankita Kaul	Ankita Kaul
BA21-78	Monalisha malik	Monalisha malik	Monalisha malik	Monalisha malik
BA21-80	Ankita panda.	Ankita panda.	Ankita panda.	Ankita panda.
BA21-83	Nitu Behera	Nitu Behera	Nitu Behera	Nitu Behera
BA21-84	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy
BA21-85	samarpita panda	samarpita panda	samarpita panda	samarpita panda
BA21-86	Arpita panda	Arpita panda	Arpita panda	Arpita panda
BA21-100	laxmipriya panda	laxmi priya panda	laxmipriya panda	laxmi priya panda
BA21-119	Amisha Dash	Amisha Dash	Amisha Dash	Amisha Dash
BA21-121	Jharana sethi	Jharana sethi	Jharana sethi	Jharana sethi
BA21-127	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick
BA21-136	ASis mallick	ASis mallick	ASis mallick	ASis mallick

PATTAMUNDAI COLLEGE, PATTAMUNDAI

BRIDGE COURSE SYLLABUS 2021-2022

SUB-ODIA

Objective- The aim of this syllabus is to develop the knowledge of the students about odia Grammar and letter writing.

Course out come- The compulsory/ literature help the students to bridge the gap between Intermediate and under Graduate course.

Sl. No	Topic No of Course	Faculty
1	Idioms, Krudanta , Tadhhita	Dr. Nilamani Lenka
2	Samas, Odia Barna Bichara	Dr. Premalata Rout
3	Upasarga , Sandhi	Sri. Pramod Kumar Swain
4	Letter Writting, Bivakti	Smt. Laxmipriya Patra
5	Letter to the Editors, Mass Communication, Sakshyatakar(Interview)	Miss. Sagnika Dhal

Nilamani Lenka
12/11/21

Date -12.11.2021

(Dr. Nilamani Lenka)

H.O.D, Odia

Pattamundai College, Pattamundai
Bridge Course
Academic Year-2021-2022
+3 1st Semester

Core-1 ପ୍ରାଚୀନ ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ

Unit-1 :- ପ୍ରାକ୍-ସାରଳା ସାହିତ୍ୟ (ଚର୍ଯ୍ୟାଗୀତିକା ଓ ନାଥ ସାହିତ୍ୟ)
(ସାମାଜିକ, ଧାର୍ମିକ, ସାହିତ୍ୟିକ ଓ ଭାଷାତାତ୍ତ୍ୱିକ ମୂଲ୍ୟାଙ୍କନ)

Unit-2 :- ସାରଳା ସାହିତ୍ୟର ସାମାଜିକ, ସାଂସ୍କୃତିକ ଓ ସାହିତ୍ୟିକ ମୂଲ୍ୟ.

Unit-3 :- ବଳରାମ ଦାସ ଓ ଜଗନ୍ନାଥ ଦାସ (ନିର୍ବାଚିତ ଅଧ୍ୟାୟ)

Unit-4 :- ଅନନ୍ତ ଦାସ, ଯଶୋବନ୍ତ ଦାସ ଓ ଅଚ୍ୟୁତାନନ୍ଦ ଦାସ (ନିର୍ବାଚିତ ଅଧ୍ୟାୟ)

Core-2 ମଧ୍ୟଯୁଗୀୟ ଓଡ଼ିଆ ସାହିତ୍ୟ

Unit-1 :- ମଧ୍ୟଯୁଗୀୟ ଓଡ଼ିଆ ସାହିତ୍ୟର ପୃଷ୍ଠଭୂମି
(ସାମାଜିକ, ସାଂସ୍କୃତିକ, ରାଜନୈତିକ ଓ ଧାର୍ମିକ ପୃଷ୍ଠଭୂମି)

Unit-2 :- ମଧ୍ୟଯୁଗୀୟ କାବ୍ୟର ଆଙ୍ଗିକ ବୈଚିତ୍ର୍ୟ
(ଭାଷା, ବିଷୟ ବିନ୍ୟାସ, ଛନ୍ଦ ବୈଚିତ୍ର୍ୟ, ବର୍ଣ୍ଣନା ବୈଚିତ୍ର୍ୟ ଓ ଆଳଙ୍କାରିକତା)

Unit-3 :- ମଧ୍ୟଯୁଗୀୟ କାବ୍ୟର ଆତ୍ମିକ ବିଭବ
(ରସ, ସୌନ୍ଦର୍ଯ୍ୟ ଚେତନା ଓ ଜୀବନଦର୍ଶନ)

Unit-4 :- ମଧ୍ୟଯୁଗୀୟ ଓଡ଼ିଆ ଗୀତି ପରମ୍ପରା
(ଚମ୍ପୁ, ଚଉପଦୀ, ଚଉତିଶା, ଭଜନ ଓ ଜଣାଣ)

[illegible]
ଓଡ଼ିଆ ବିଭାଗ

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	Odia
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Dr. Pramalata Rout	ଆଧୁନିକ ସାହିତ୍ୟର ସାମାଜିକ ପୃଷ୍ଠଭୂମି	ଆଧୁନିକ ସାହିତ୍ୟର ସାଂସ୍କୃତିକ ପୃଷ୍ଠଭୂମି	ଆଧୁନିକ ସାହିତ୍ୟର ସାହିତ୍ୟିକ ପୃଷ୍ଠଭୂମି	ରାଧାନାଥ ଯୁଗ ଓ ସତ୍ୟବାଦୀ ଯୁଗ (କବିତା ସାହିତ୍ୟ)
Sign of Faculty with Date & Time	06/12/21	09/12/21	11.12.21	14/12/21
Roll No	Signature	Signature	Signature	Signature
BA21-064	Anjana Bhatta	Anjana Bhatta	Anjana Bhatta	Anjana Bhatta
BA21-057	Kiranbala Swain	Kiranbala Swain	Kiranbala Swain	Kiranbala Swain
BA21- 050	Namita Padhi	Namita Padhi	Namita Padhi	Namita Padhi
BA21- 027	Subha laxmi Sahoo	Subha laxmi Sahoo	Subha laxmi Sahoo	Subhalaxmi Sahoo
BA21-001	Subhasini Nath	Subhasini Nath	Subhasini Nath	Subhasini Natha
BA21-051	Aparna Das	Aparna Das	Aparna Das	Aparna Das
BA 21-234	Kaberi Mandal	Kaberi Mandal	Kaberi Mandal	Kaberi Mandal
BA21-114	Puja Sethi	Puja Sethi	Puja Sethi	Puja Sethi
BA21-088	Anjali Sahoo	Anjali Sahoo	Anjali Sahoo	Anjali Sahoo
BA21-94	Sonali Priyadarshini malik	Sonali Priyadarshini malik	Sonali Priyadarshini malik	Sonali Priyadarshini
BA21-169	Samikshya Panda	Samikshya Panda	Samikshya Panda	Samikshya Panda
BA 21-265	Praggyan Barik	Praggyan Barik	Praggyan Barik	Praggyan Barik
BA21-260	Sanaswati malik	Sanaswati malik	Sanaswati malik	Sanaswati Malik
BA21-046	Swagatika Ghadai	Swagatika Ghadai	Swagatika Ghadai	Swagatika Ghadai
BA-21-171	Manorama Sundaray	Manorama Sundaray	Manorama Sundaray	Manorama Sundaray
BA-21-072	Suprava Das	Suprava Das	Suprava Das	Suprava Das
BA-21.157	Biswajit Behera	Biswajit Behera	Biswajit Behera	Biswajit Behera
BA-21-048	Rajkuman Sahoo	Rajkuman Sahoo	Rajkuman Sahoo	Rajkumar Sahoo
BA-21-282	Dibyajyoti Pradhan	Dibyajyoti Pradhan	Dibyajyoti Pradhan	Dibyajyoti Pradhan
BA21-279	Devasis Das	Devasis Das	Devasis Das	Devasis Das
BA21-012	Biswajit Mohanty	Biswajit Mohanty	Biswajit Mohanty	Biswajit Mohanty
BA21-103	Neha Nayak	Neha Nayak	Neha Nayak	Neha Nayak
BA21-033	Ambrish Swain	Ambrish Swain	Ambrish Swain	Ambarish Swain
BA21-192	Mamali Barik	Mamali Barik	Mamali Barik	Mamali Barik

BA21- 252	Rojalin Rout	Rojalin Rout	Rojalin Raul	Rojalin Rout
BA21 - 196	Lipsarani Rout	Lipsarani Rout	Lipsarani Raul	Lipsarani Rout
BA21 - 052	Suchitra sahoo	Suchitra Sahoo	Suchitra Sahoo	Suchitra Sahoo
BA21 - 229	Anisha Das	Anisha Das	Anisha Das	Anisha DAS
BA21 270	Satyabhama malik	Satyabhamamalik	Satyabhama malik	Satyabhama malik
BA21 - 182	Simarekha malik	Simarekhamalik	Simarekha malik	Simarekha malik
BA21 - 093	Subechha malik	Subechha malik	Subechha malik	Subechaa malik
BA21 - 088	Ashish Kumar Jena	Ashish Kumar Jena	Ashish kumar Jena	Ashish Kumar Jena
BA21 - 091	Suchismita sethi	Suchismita sethi	Suchismita sethi	Suchismita Sethi

20/12/21
Signature of HOD

ବିଭାଗ ମୁଖ୍ୟ
ଓଡ଼ିଆ ଭାଷା ସାହିତ୍ୟ ବିଭାଗ

20/12/21
Signature of Academic Bursar

20-12-21
Signature of Principal
Principal
Pattamundai College

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet

Odia

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Mr. Pramod Ku. Swain	ପ୍ରାକ୍-ସାରଳା ସାହିତ୍ୟ ଚର୍ଯ୍ୟାଗୀତିକା (ଶିଳାଲିପି, ତାମ୍ରଲିପି) ପର୍ଯ୍ୟାଲୋଚନା	ପ୍ରାକ୍-ସାରଳା ସାହିତ୍ୟର ଧାରା ପରିଚୟ. (ଚର୍ଯ୍ୟାଗୀତିକା ଶିଳାଲେଖ)	ମଧ୍ୟଯୁଗୀୟ ସାହିତ୍ୟର ଆଙ୍ଗିକ ବୈଚିତ୍ର୍ୟ (ବିଷୟ ବିନ୍ୟାସ, ଭାଷା, ଛାନ୍ଦ ବୈଚିତ୍ର୍ୟ)	ମଧ୍ୟଯୁଗୀୟ ଓଡ଼ିଆ ଗୀତ କବିତା (ଚମ୍ପୂ, ଚଉପଦୀ, ଚଉତିଶା, ଭଜନ)
Sign of Faculty with Date & Time	1.12.21	10.12.21	13.12.21	15.12.21
Roll No	Signature	Signature	Signature	Signature
BA21 - 169	Samikshya Panda	Samikshya Panda	Samikshya panda	Samikshya panda
BA-21-94	Sonali Priyadarshini malik	Sonali Priyadarshini malik	Sonali Priyadarshini malik	
BA21-088	Anjali Sahoo	Anjali Sahoo	Anjali Sahoo	Anjali Sahoo
BA21 - 114	Puja Sethi	Puja Sethi	Puja Sethi	puja sethi
BA21 - 234	Kaberi Mandal	Kaberi Mandal	Kaberi Mandal	Kaberi mandal
BA21 - 050	Namita Padhi	Namita Padhi	Namita Padhi	Namita Padhi
BA21- 027	Subhalaxmi Sahoo	Subhalaxmi Sahoo	Subhalaxmi Sahoo	Subhalaxmi Sahoo
BA21 - 001	Subhasini Nath	Subhasini Nath	Subhasini Nath	Subhasini Nath
BA21- 051	Aparna Das	Aparna Das	Aparna Das	Aparna Das
BA21 -057	Kiranbala swain	Kiranbala swain	Kiranbala Swain	Kiranbala Swain
BA21 - 270	Devasis Das	Devasis Das	Devasis Das	Devasis Das
BA21- 064	Anjana Bhatta	Anjana Bhatta	Anjana Bhatta	Anjana Bhatta
BA21- 012	Biswajit mohanty	Biswajit mohanty	Biswajit mohanty	Biswajit Mohanty
BA21 - 046	Swagatika Ghadai	Swagatika Ghadai	Swagatika Ghadai	Swagatika Ghadai
BA 21 - 265	pragyan Barik	pragyan Barik	pragyan Barik	Pragyan Barik
BA21- 260	Sanaswati malik	Sanaswati malik	Sanaswati malik	Sanaswati malik
BA-21- 171	Manorama Sunday	Manorama Sunday	Manorama Sunday	manorama Sunday
BA-21-072	Suprava Das	Suprava Das	Suprava Das	Suprava Das
BA-21- 157	Biswajit Behera	Biswajit Behera	Biswajit Behera	Biswajit Behera
BA-21 - 282	Dibyajyoti Pradhan	Dibyajyoti Pradhan	Dibyajyoti Pradhan	Dibyajyoti Pradhan
BA21 - 048	Rajkumari Sahoo	Rajkumari Sahoo	Rajkumari Sahoo	Rajkumari Sahoo
BA21- 103	Neha nayak	Neha Nayak	Neha Nayak	Neha Nayak

BA21 - 033	Ambrish swain	Ambrish swain	Ambrish swain	Ambrish Swain
BA21 - 192	Mamali barik	mamalik barik	malik barik	malik barik
BA21 - 252	Rajalin Rout	Rajalin Rout	Rajalin Rout	Rajalin Rout
BA21 - 146	Lipsarani Rout	Lipsarani Rout	Lipsarani Rout	Lipsa rani Rout
BA21 - 052	Suchitra sahoo	Suchitra sahoo	Suchitra sahoo	Suchitra sahoo
BA21 - 229	Anisha Das	Anisha Das	Anisha Das	Anisha DAS
BA21 - 270	Satyabhama malik	Satyabhamamalik	Satyabhamamalik	Satyabhama Mallik
BA21 - 182	Seemarekha malik	Seemarekha malik	Seemarekha malik	Seemarekha Mallik
BA21 - 093	Subechha malik	Subechha malik	Subechha malik	Subechha malik
BA21 - 068	Ashish kumar Jena	Ashish kumar jena	Ashish kumar jena	Ashish Kumar Jena
BA21 - 091	Suchismita sethi	Suchismita sethi	Suchismita sethi	Suchismita Sethi

Jayamani Jena 20/12/21
Signature of HOD
ବିଭାଗ ମୁଖ୍ୟ
ଓଡ଼ିଆ ଭାଷା ସାହିତ୍ୟ ବିଭାଗ

20/12/21
Signature of Academic Bursar

20-12-21
Signature of Principal
Principal
Pattamundai College

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	odia
Name of the Teacher	**Topic Taught**	**Topic Taught**	**Topic Taught**	**Topic Taught**
Sagnika Dhal	ସ୍ୱାଧୀନୋତ୍ତର ଓଡ଼ିଆ ସାହିତ୍ୟର ପ୍ରବୃତ୍ତି (ସାମାଜିକ, ଐତିହାସିକ)	ସ୍ୱାଧୀନୋତ୍ତର ଓଡ଼ିଆ ସାହିତ୍ୟର ପ୍ରବୃତ୍ତି (ଆଧୁନିକ ଚେତନା)	[illegible] ଧାରା ଓ ଅନୁଚିନ୍ତା ନାଟ (ବିଶେଷ ଅଧ୍ୟୟନ)	ସ୍ୱାଧୀନୋତ୍ତର [illegible] ଆଙ୍ଗିକ ବିଚାର (ଡ. [illegible] ଓ [illegible])
Sign of Faculty with Date & Time	Sagnika Dhal 03/12/21	Sagnika Dhal 07/12/21	Sagnika Dhal 16/12/21	Sagnika Dhal 20/12/21
Roll No	**Signature**	**Signature**	**Signature**	**Signature**
BA21-157	Biswajit Behera	Biswajit Behera	Biswajit Behera	Biswajit Behera
BA21-046	Swagatika Ghadai	Swagatika Ghadai	Swagatika Ghadai	Swagatika Ghadai
BA-21-171	Manorama sundaray	Manorama sundaray	Manorama Sundaray	Manorama sundaray
BA-21-072	Suprava Das	Suprava Das	Suprava Das	Suprava Das
BA-21-265	Pragyan Barik	Pragyan Barik	Pragyan Barik	Pragyan Barik
BA-21-260	Saraswati malik	Saraswati malik	Saraswati malik	Saraswati malik
BA21-057	Kiranbala swain	Kiranbala swain	Kiranbala swain	Kiranbala swain
BA21-279	Devasis Das	Devasis Das	Devasis Das	Devasis Das
BA21-064	Anjana Bhatta	Anjana Bhatta	Anjana Bhatta	Anjana Bhatta
BA21-012	Biswajit mohanty	Biswajit mohanty	Biswajit mohanty	Biswajit Mohanty
BA21-050	Namita Padhi	Namita Padhi	Namita Padhi	Namita Padhi
BA21-027	Subha laxmi Sahoo	Subha laxmi Sahoo	Subha laxmi Sahoo	Subha laxmi Sahoo
BA21-001	Subhasini Nath	Subhasini Nath	Subhasini Nath	Subhalaxmi Nayak
BA21-051	Aparna Das	Aparna Das	Aparna Das	Aparna Das
BA21-234	Kaberi Mandal	Kaberi Mandal	Kaberi Mandal	Kaberi Mandal
BA21-114	Puja Sethi	Puja Sethi	Puja Sethi	Puja Sethi
BA21-088	Anjali Sahoo	Anjali Sahoo	Anjali Sahoo	Anjali Sahoo
BA21-169	Samikshya panda	Samikshya panda	Samikshya panda	Samikshya panda
BA21-091	Sonali Priyadarshini	Sonali Priyadarshini mallik	Sonali Priyadarshini mallik	Sonali priyadarshini mallik
BA21-049	Rajkumar sahoo	Rajkumar sahoo	Rajkumar sahoo	Rajkumar sahoo
BA21-282	Dibyajyoti Pradhan	Dibyajyoti Pradhan	Dibyajyoti Pradhan	Dibyajyoti Pradhan
BA21-103	Neha nayak	Neha nayak	Neha nayak	Neha Nayak
BA21-252	Rojalin Rout	Rojalin Rout	Rojalin Rout	Rojalin Rout
BA21-146	Lipsa Rani Rout	Lipsa Rani Rout	Lipsa Rani Rout	Lipsa Rani Rout

BA21-192	Mamali Barik	Mamali Barik	mamali Barik	mamali Barik
BA21 - 052	suchitrasahoo	suchitra sahoo	suchitra sahoo	Suchitra Sahoo
BA21 - 229	Anisha Das	Anisha Das	Anisha Das	Anisha Das
BA21 - 270	Satyabhama malik	satyabhama malik	satyabhama malik	Satyabhama Malik
BA21 - 182	Smarekha malik	Smarekha malik	Smarekha malik	Smarekha malik
BA21- 093	Subechha malik	Subechha malik	Subechha malik	Subechha malik
BA21- 068	Ashish kumar Jena	Ashish kumar Jena	Ashish kumar Jena	Ashish Kumar Jena
BA21 - 091	Suchismita Sethi	Suchismita Sethi	Suchismita Sethi	suchismita sethi
BA21 083	Ambrish Swain	Ambrish swain	Ambrish swain	Ambrish Swain

Nalini Lenka 20/12/21
Signature of HOD
ବିଭାଗ ମୁଖ୍ୟ
ଓଡ଼ିଆ ଭାଷା ସାହିତ୍ୟ ବିଭାଗ

20/12/21
Signature of Academic Bursar

20/12/21
Signature of Principal
Principal
Pattamundai College

BRIDGE COURSE SYLLABUS (2021-2022)
SUBJECT : ENGLISH
PATTAMUNDAI COLLEGE, PATTAMUNDAI

Objective: The primary aim of introducing this syllabus is to aware the students about basics of English Grammar and literature for their future studies.

Sl. No	Topics	Number of Classes`	Faculty
1	**Tense and Time** Present tense Past tense Future Time	4	Mr.A.K Das
2	**Subject Verb Agreement**	4	Mr. S.K Nayak
3	**Age of Chaucer** Salient features of the Age Geoffrey Chaucer William Langland and others	4	Dr.M.K Nayak

Date. 06.12.2021

Amita Kumar Das.

MR.A.K DAS
HOD, ENGLISH
PATTAMUNDAI COLLEGE

Head
Department of English
Pattamundai College

Academic session - 2021-2022

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: English	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Amita Kumar Das	Tense & Time Snt. given	Present Tense discussed and completed	Past Tense Snt. given and completed	Future Time Snt. discuss Sm. given and completed
Sign of Faculty with Date & Time	7.12.21	9.12.21	11.12.21	14.12.21
Roll No	Signature	Signature	Signature	Signature
BA-21-007	Supriya Nandi	Supriya Nandi	Supriya Nandi	Supriya Nandi
BA-21-251	Smrutishree mishra	Smrutishree mishra	Smrutishree mishra	Smrutishree mishra.
BA-21-219	Akash Biswal	Akash Biswal	Akash Biswal	Akash Biswal
BA-21-199	Saritarani Das	Saritarani Das	Saritarani Das	Saritarani Das
BA-21-060	Amrita Jena	Amrita Jena	Amrita Jena	Amrita Jena
BA-21-154	Jaysmita sethi	Jaysmita sethi	Jaysmita sethi	Jaysmita sethi
BA-21-016	Seemarani Rout	Seemarani Rout	Seemarani Rout	Seemarani Rout
BA-21-017	Sibani Sahoo	Sibani Sahoo	Sibani Sahoo	Sibani Sahoo
BA-21-023	Subham ku sethi	Subham ku sethi	Subham ku sethi	Subham ku sethi
BA-21-035	Bindusagar Biswal	Bindusagar Biswal	Bindusagar Biswal	Bindusagar Biswal.

Amita Kumar Das
Signature of HOD

14.12.21
Signature of Academic Bursar

14-12-21
Signature of Prinicpal
Principal
Pattamundai College

session - 2021-2022

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: English	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Sarojkanta Nayak	Subject - verb agreement	Subject Verb Agreement	Subject Verb Agreement	Subject verb Agreement
Sign of Faculty with Date & Time	08/12/21	10/12/21	13/12/21	15/12/21
Roll No	Signature	Signature	Signature	Signature
BA21-219	Akash Biswal	Akesh Biswal	Akesh Biswal	Akesh Biswal
BA21-035	Bidyutaggan Biswal	Bidyutagan Biswal	Bidyutagan Biswal	Bidyutagan Biswal.
BA21-023	subham kumar sethi	subham ku sethi	subham ku sethi	subham ku sethi
BA21-016	Seemarani Raut	Seemarani Raut	Seemarani Raut	Seemarani Raut
BA21-017	Sibani Sahoo	Sibani sahoo	Sibani sahoo	Sibani Sahoo
BA21-007	Supriya Nandi	Supriya Nan di	Supriya Nandi	Supriya Nandi
BA-21-251	Smrutishree Mishra	Smrutishree Mishra	Smrutishree Mishra	Smrutishree Mishra,
BA-21-199	Sarifarani Das	Saritarani das	Saritarani Das	Saritarani Das
BA-21-060	Amrita Jena	Amrita Jena	Amrita Jena	Amrita Jena
BA-21-154	Jayasmita sethi	Jayasmita sethi	Jayasmita sethi	Jayasmita sethi

Amita Kumar Das
Signature of HOD

16/12/21
Signature of
Academic Bursar

16-12-21
Signature of Prinicpal

Principal
Pattamundai College

Session-2021-2022

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Dr Narad Kumar Nayak	Historical Background and Literary features of Age of Chaucer	Life and Works of Chaucer	Life and Works of William Langland	Other Writers of Age of Chaucer
Sign of Faculty with Date & Time	06-12-2021	10-12-2021	11-12-2021	15-12-2021
Roll No	Signature	Signature	Signature	Signature
BA-21-007	Supriya Nandi	Supriya Nandi	Supriya Nandi	Supriya Nandi
BA-21-251	Smruti Shree Mishra	Smruti Shree Mishra	Smruti Shree Mishra	Smruti Shree Mishra
BA-21-154	Jaysmita Sethi	Jaysmita Sethi	Jaysmita Sethi	Jaysmita Sethi
BA-21-060	Amrita Jena	Amrita Jena	Amrita Jena	Amrita Jena
BA-21-219	Akash Biswal	Akash Biswal	Akash Biswal	Akash Biswal
BA-21-199	Saritarani Das	Saritarani Das	Saritarani Das	Saritarani Das
BA-21-016	Seemarani Rout	Seemarani Rout	Seemarani Rout	Seemarani Rout
BA-21-017	Sibani Sahoo	Sibani Sahoo	Sibani Sahoo	Sibani Sahoo
BA-21-013	Subham Ku Sethi	Subham Ku Sethi	Subham Ku Sethi	Subham Ku Sethi
BA-21-035	Binduragan Biswal	Binduragan Biswal	Binduragan Biswal	Binduragan Biswal

Amiya Kumar Das
Signature of HOD

15/12/2021
Signature of
Academic Bursar

15-12-21
Signature of Prinicpal

Principal
Pattamundai College

BRIDGE COURSE SYLLABUS (2021-22)

SUBJECT: ECONOMICS

PATTAMUNDAI COLLEGE, PATTAMUNDAI

Duration: 12 Hours

Objective: The primary aim of introducing this syllabus is, to aware the students about basics concept of economics for their future studies.

Course Outcome: this course would help students to bridge the gap between Intermediate and Under Graduate Course

Sl No	Topics	Number of Classes	Faculty
1.	**Basic concepts of Economics** Definition and Scope of Economics Central Problem of an Economy Wants, Utility, Value, and Price	4	Mr S. Mishra
2.	**Consumption and Demand** Laws of Consumption Demand and its determinants Elasticity of Demand	5	Mr S. Mishra
3.	**Market** Pure and perfect competition, Monopoly, Monopolistic competition and Oligopoly Market	4	Mr. P. Pradhan
4.	**Concept of National Income** GDP, GNP, NNP,NDP, personal income, personal disposable income, private income.	3	Mr. P. Pradhan

P. Pradhan

Date-10-11-2021

Mr P. Pradhan 10.11.21

HOD, Economics

Pattamundai College
Bridge Course Attendance Sheet
Academic Session- 2021-22

Programme: B.A ✓/B.Com/B.sc	Subject: Economics				
Name of the Teacher	Topic	Topic	Topic	Topic	Topic
Pradyumna Pradhan	Pure & Perfect Competition.	Monopoly and its features.	Monopolistic Competition.	Oligopoly market.	
Signature of the Teacher with Date and Time	P. Pradhan 06.12.2021 Time 1.00-1.45 PM	P. Pradhan 07.12.2021 Time 1.00-1.45 PM	P. Pradhan 08.12.2021 1.45 - 2.30 PM	P. Pradhan 11.12.2021 1.00 - 1.45 (PM)	
Roll No	Signature	Signature	Signature	Signature	Signature
BA21-015	Manas Ranjan Dash	Manas Ranjan Dash	Manas Ranjan Dash	Manas Ranjan Dash	
019	Bijaya Laxmi Biswal	Bijaya Laxmi Biswal	Bijaya Laxmi Biswal	Bijaya Laxmi Biswal	
023	Sumitra Panda	Sumitra Panda	Sumitra Panda	Sumitra Panda	
028	Subarna Subhadarshini Patra	Subarna Subhadarshini Patra	Subarna Subhadarshini Patra	Subarna Subhadarshini Patra	
042	Rupali Priyadarsini Sethi	Rupali Priyadarsini Sethi	Rupali Priyadarsini Sethi	Rupali Priyadarsini Sethi	
043	Suchitra Behera	Suchitra Behera	Suchitra Behera	Suchitra Behera	
055	Laxmipriya Nayak	Laxmipriya Nayak	Laxmipriya Nayak	Laxmi priya Nayak	
062	Rasminrekha Das	Rasminrekha Das	Rasminrekha Das	Rasminrekha Das	
092	Swopnarani Mohanty	Swopnarani Mohanty	Swopna rani Mohanty	Swopnarani Mohanty	
096	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout	
105	Bisakha Majhi	Bisakha Majhi	Bisakha Majhi	Bisakha Majhi	
108	Kishore Nayak	Kishore Nayak	Kishore Nayak	Kishore Nayak	
109	Subhashree Das	Subhashree Das	Subhashree Das	Subhashree Das	
137	Sthitipragyan Jena	Sthitipragyan Jena	Sthitipragyan Jena	Sthitipragyan Jena	
139	Nisharani Sethy	Nisharani Sethy	Nisharani Respsethy	Nisharani Sethy	
140	Asit kumar sethi	Asit kumar sethi	Asit kumar sethi	Asit kumar sethi	
149	Ranita Mallik	Ranita Mallik	Ranita Mallik	Ranita Mallik	
165	Manoranjan Mishra	Manoranjan Mishra	Manoranjan Mishra	Manoranjan Mishra	
167	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan	
170	Barshasree Sahoo	Barshasree Sahoo	Barshasree Sahoo	Barshasree Sahoo	
181	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan	
196	Bikram Das	Bikram Das	Bikram Das	Bikram Das	
211	Sasmitasmita Jena	Sasmitasmita Jena	Sasmitasmita Jena	Sasmitasmita Jena	
214	Lucky Ojha	Lucky Ojha	Lucky Ojha	Lucky Ojha	

P. Pradhan 16.12.21
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Pattamundai College
Bridge Course Attendance Sheet
Academic Session- 2021-22

Programme: B.A/B.Com/B.sc	Subject: Economics				
Name of the Teacher	Topic	Topic	Topic	Topic	Topic
Pradyumna Pradhan.	GDP, GNP NNP, NDP	Personal income Personal disposable income	Private income & Circular flow		
Signature of the Teacher with Date and Time	P. Pradhan 13.12.2021 1:00-1:45 (P.m)	P. Pradhan 14.12.2021 1:00-1:45 (P.m)	P. Pradhan. 15.12.2021 1:00-1:45 (P.m)		
Roll No	Signature	Signature	Signature	Signature	Signature
BA21-015	Manas Ranjan Dash	Manas Ranjan Dash	Manas Ranjan Dash		
019	Bijayalaxmi Biswal	Bijayalaxmi Biswal	Bijayalaxmi Biswal.		
023	Sumitra Parida	Sumitra Parida	Sumitra Parida		
028	Subarna Subhadarshini Patra	Subarna Subhadarshini Patra	Subarna Subhadarshini Patra		
042	Rupali Priyadarshini Sethi	Rupali Priyadarshini Sethi	Rupali Priyadarshini Sethi		
043	Suchitra Behera	Suchitra Behera	Suchitra Behera		
055	Laxmi Priya Nayak	Laxmi Priya Nayak	Laxmi Priya Nayak		
062	Rasmirekha Das	Rasmirekha Das	Rasmirekha Das		
092	Swopnarani Mohanty	Swopnarani Mohanty	Swopnarani Mohanty		
096	madhusmita Rout	madhusmita Rout	madhusmita Rout		
105	Bisakha Majhi	Bisakha Majhi	Bisakha Majhi		
108	Hiranee Nayak	Hiranee Nayak	Hiranee Nayak		
109	Subhashree Das	Subhashree Das	Subhashree Das		
137	Smitapragyan Jena	Smitapragyan Jena	Smitapragyan Jena		
139	Nisharani Sethi	Nisharani Sethi	Nisharani Sethi		
140	Ajit kumar Sethi	Ajit kumar Sethi	Ajit kumar Sethi		
149	Rumita malik	Rumita malik	Rumita malik		
165	Manoranjan Mishra	Manoranjan Mishra	Manoranjan Mishra		
167	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan		
170	Barsashree Swain	Barsashree Swain	Barsashree Swain		
181	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan		
196	Bikram Das	Bikram Das	Bikram Das		
211	Smrutikanta Jena	Smrutikanta Jena	Smrutikanta Jena		
214	Lucky Ojha	Lucky Ojha	Lucky Ojha		

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Bridge Course Attendance Sheet
Academic Session- 2021-22

Programme: B.A/B.Com/B.sc	Subject: Economics				
Name of the Teacher	Topic	Topic	Topic	Topic	Topic
Subhasis Mishra	Definition of Economics	Scope, central problem of an economy	Human wants	utility, value and prices	
Signature of the Teacher with Date and Time	S. Mishra 06-12-21 1-45–2-30PM	S. Mishra 08-12-21 1-00–1-45 PM	S. Mishra 09-12-21 1-00–1-45 PM	S. Mishra 10-12-21 1-00–1-45 PM	
Roll No	Signature	Signature	Signature	Signature	Signature
BA21-015	Manas R. Dash	Manas R. Dash	Manas R. Dash	Manas R. Das	
019	Bijaya L Biswal	Bijaya L Biswal	Bijaya L Biswal	Bijaya L Biswal	
023	Sumitra Parida	Sumitra Parida	Sumitra Parida	Sumitra Parida	
028	Subarna S Palna	Subarna S Palna	Subarna S Palna	Subarna S Palna	
042	Rupali P. Sethi	Rupali P. Sethi	Rupali P. Sethi	Rupali P Sethi	
043	Suchitra Behera	Suchitra Behera	Suchitra Behera	Suchitra Behera	
055	Laxmipriya Nayak	Laxmipriya Nayak	Laxmipriya Nayak	Laxmipriya Nayak	
062	Rasmirekha Das	Rasmirekha Das	Rasmirekha Das	Rasmirekha Das	
092	Swapnarani Mohanty	Swapnarani Mohanty	Swapnarani Mohanty	Swapnarani Mohanty	
096	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout	
105	Bisakha Mathe	Bisakha Mathe	Bisakha Mathe	Bisakha Mathe	
108	Itishree Nayak	Itishree Nayak	Itishree Nayak	Itishree Nayak	
109	Subhashree Das	Subhashree Das	Subhashree Das	Subhashree Das	~~Subhashree Das~~
137	Sthiti Pragyan Jena	Sthiti Pragyan Jena	Sthiti Pragyan Jena	Sthiti Pragyan Jena	
140	Asit K Sethi	Asit K Sethi	Asit K Sethi	Asit K Sethi	A
149	Rasmita Malik	Rasmita Malik	Rasmita Malik	Rasmita Malik	
165	M. Mishra	M. Mishra	M. Mishra	M. Mishra	
167	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan	
170	Barsashree Swain	Barsashree Swain	Barsashree Swain	Barsashree Swain	
181	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan	
196	Bikram Das	Bikram Das	Bikram Das	Bikram Das	
211	S Jena	S Jena	S Jena	S Jena	
214	Lucky Ojha	Lucky Ojha	Lucky Ojha	Lucky Ojha	
139	Bisarani Sethy	Bisarani Sethy	Bisarani Sethy	Bisarani Sethy	

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Bridge Course Attendance Sheet
Academic Session- 2021-22

Programme: B.A/B.Com/B.sc	Subject: Economics				
Name of the Teacher	Topic	Topic	Topic	Topic	Topic
Subhasis Mishra	Consumption Marginal and total utility	Laws of consumption	Demand and its determinants	Law of demand	Elasticity of demand
Signature of the Teacher with Date and Time	S. Mishra 11·12·2021 1·45-2·30 PM	S. Mishra 13·12·2021 1·45-2·30 PM	S. Mishra 14·12·2021 1·45-2·30 PM	S. Mishra 15·12·2021 1·45-2·30 PM	S. Mishra 16·12·2021 1·00-1·45 PM
Roll No	Signature	Signature	Signature	Signature	Signature
BA21-015	Manas R. Dash	Manas R. Dash	Manas R. Dash	Manas R. Dash	Manas R. Dash
019	Bijay L Biswal	Bijaya L Biswal	Bijaya L Biswal	Bijaya L Biswal	Bijaya L Biswal
023	Sumitra Panida	Sumitrapanida	Sumitrapanida	Sumitrapanida	Sumitrapanida
028	Subarna S Patra	Subarna S Patra	Subarna S Patra	Subarna S Patra	Subarna S Patra
042	Rupali P. Sethi	Rupali P. Sethi	Rupali P Sethi	Rupali P Sethi	Rupali P Sethi
043	Suchitra Behera	Suchitra Behera	Suchitra Behera	Suchitra Behera	Suchitra Behera
055	Laxmipriya Nayak	Laxmipriya Nayak	Laxmipriya Nayak	Laxmipriya Nayak	Laxmipriya Nayak
062	Rasmirekha Das	Rasmirekha Das	Rasmirekha Das	Rasmirekha Das	Rasmirekha Das
092	Swoprarani Mohanty	Swoprarani Mohanty	Swoprarani Mohanty	Swoprarani Mohanty	Swoprarani Mohanty
096	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout	Madhusmita Rout
105	Baisakha Mathe	Baisakha Mathe	Baisakha Mathe	Baisakha Mathe	Baisakha Mathe
108	Itishree Nayak	Itishree Nayak	Itishree Nayak	Itishree Nayak	Itishree Nayak
109	Subhashree Das	Subhashree Das	Subhashree Das	Subhashree Das	Subhashree Das
137	Sthitipragyan Jena	Sthitipragyan Jena	Sthitipragyan Jena	Sthitipragyan Jena	Sthitipragyan Jena
139	Lisarani Sethy	Lisarani Sethy	Lisarani Sethy	Lisarani Sethy	Lisarani Sethy
140	Asit Kumar Sethi	Asit K Sethi	Asit K Sethi	Asit K Sethi	Asit K Sethi
149	Rasmita Malik	Rasmita Malik	Rasmita Malik	Rasmita Malik	Rasmita Malik
165	M. Mishra	M. Mishra	M. Mishra	M. Mishra	M. Mishra
167	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan	Abantika Pradhan
170	Barshashree Swain	Barsashree Swain	Barsashree Swain	Barshashree Swain	Barshashree Swain
181	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan	Anita Bhuyan
196	Bikram Das	Bikram Das	Bikram Das	Bikram Das	Bikram Das
211	S Jena	S Jena	S Jena	S Jena	S Jena
214	Lucky Ojha	Lucky Ojha	Lucky Ojha	Lucky Ojha	Lucky Ojha

P. Pradhan
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BRIDGE COURSE SYLLABUS (2021-22)

SUBJECT: HISTORY

PATTAMUNDAI COLLEGE, PATTAMUNDAI

Objective: The primary aim of introducing this syllabus is to aware the students about the Human evolution, their different cultures and marching towards civilization, which will enable them in understanding their pursuing under graduate courses under CBCS model.

Sl. No	Topics	No. of classes	Faculty
1	**Evolution of Man** ● Evolution: Meaning and its stages ● Paleolithic Culture ● Mesolithic Culture	04	Dr. P.K Samal
2	**Neolithic Culture** ● Neolithic and Chalcolithic settlement ● Domestication of animals ● Food Production: Beginning of agriculture	04	Mr. R.K Panda
3	**Reconstructing Ancient Indian History** ● Sources of Historical writing ● Historical geography: Major Harappan sites ● Cultures in Transition: Early vedic age & Later vedic age.	04	Mr. R.K Behura

5/12/21

Dr.P.K Samal

HOD, HISTORY

H.O.D HISTORY
PATTAMUNDAI COLLEGE

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet 2021-22

Programme: B.A/~~B.Com/B.S~~c		Semester- I	Subject: History	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Dr. PK Samal	Neolithic- - Meaning - Concepts - Characters - Sites in Ind	Chalcolithic - Meaning - Concepts - Characters - Sites in Ind.	Domestication of Animals - Meaning - Types of Animals - Benefits	Food production - Origin - Beginning of Agriculture - Merits - Foundation of Civilization
Sign of Faculty with Date & Time	06.12.21	07.12.21	08.12.21	09.12.21
Roll No	Signature	Signature	Signature	Signature
BA21 - 098	Rajib kumar kar	Rajib kumar kar	Rajib kumar kar	Rajib kumar kar
BA 21 - 089	Subhasmita Das	Subhasmita Das	Subhasmita Das	Subhasmita Das
BA-21 - 159	Namita Behera	Namita Behera	Namita Behera	Namita Behera
BA-21 - 106	Dali Pujari	Dali Pujari	Dali Pujari	Dali Pujari
BA - 21 - 130	Shasmita Das	shasmita Das	Shasmita Das	D Shasmita Das
BA-21- 177	Madhusmita Sethi	Madhusmita Sethi	Madhusmita Sethi	Madhusmita Sethi
BA21 - 174	Sudhansu Pandab	Sudhansu Padab	Sudhansu Pandab	Sudhansu Pandab
BA21 - 175	Rudra prasad sahoo	Rudraprasad sahoo	Rudraprasad sahoo	Rudraprasad sahoo
BA21 - 184	prasant ku. singh.	prasant ku. singh.	prasant ku. singh.	prasant ku. singh.
BA21 - 221	Ashalata Samal	Ashalata Samal	Ashalata Samal	Ashalata samal.
BA 21 - 271	priyanka Tripathy	priyanka Tripathy	priyanka Tripathy	priyanka Tripathy
BA21 - 180	suraj pradhan	suraj pradhan	suraj pradhan	suraj pradhan
BA21 - 237	Ashis ku. Banik	Ashish ku. Banik	Ashish ku. Banik	Ashish ku. Banik
BA21- 057	Basudha Das	Basudha Das	Basudha Das	
BA-21 - 206	Priyanka P. Rout	Priyanka P. Rout	Priyanka P. Rout.	Priyanka. P. Rout
BA21- 153	Gitanjali mallik	Gitanjali mallik	Gitanjali Mallik	Gitanjali Mallik
BA21- 262	Saraswati Lenka	Saraswati Lenka	Saraswati Lenka	Saraswati Lenka
BA21- 110	Sharmita Das	Sharmita Das	Sharmita Das	Sharmita Das
BA21 - 248	Abhaya ku Sandhu	Abhaya Sandhu	Abhaya Sandhu	Abhaya Sandhu
BA21 - 187	Sushree Sujata Das	Sushree Sujata Das	Sushree Sujata Das	Sushree Sujata Das
BA21 - 107	Smruti Lipi Das	Smrutilipi Das	Smrutilipi Das	Smrutilipi Das

9/12/21

H.O.D. HISTORY
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Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet 2021-22

Programme: B.A/~~B.Com/B.Sc~~		Semester- I	Subject: History	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Mr. RK panda	Historical writtings. - Meaning - sources - Merits	Historical Geography - Meaning - Diff. sites - sites as sources.	Major sites - Harappan civ. - Early vedic age (period) - social, political Religious life	Later vedic age - Time line - social, political & Religious life - Defference between Early & Later vedic age
Sign of Faculty with Date & Time	07.12.21	08.12.21	09.12.21	10.12.21
Roll No	Signature	Signature	Signature	Signature
BA21 - 098	Rajib kumar kar	Rajib kumar kar	Rajib kumar kar	Rajib kumar kar
BA 21 - 089	Subhasmita Das	Subhasmita Das	Subhasmita Das	Subhasmita Das
BA-21 - 155	Namita Behera	Namita Behera	Namita Behera	Namita Behera
BA-21 - 106	Dali Pujari	Dali Pujari	Dali Pujari	Dali Pujari
BA - 21 - 110	Shasmita Das	Shasmita Das	Shasmita Das	Shasmita Das
BA21 - 174	Sudhansu Pandab	Sudhanshu Pandab	Sudhanshu pandab	Sudhansu Pandab
BA21 - 177	Madhusmita Sethi	Madhusmita Sethi	Madhusmita Sethi	Madhusmita Sethi
BA21 - 175	Rudra Prasad sahoo	Rudra Prasad sahoo	Rudra Prasad sahoo	Rudra Prasad sahoo
BA21 - 184	Prasant ku. Singh	Prasant ku. Singh	Prasant ku. Singh	Prasant ku. Singh.
BA 21 - 221	Ashalata samal	Ashalata samal	Ashalata samal	Ashalata samal
BA 21 - 271	priyanka Tripathy	priyanka Tripathy	priyanka Tripathy	priyanka Tripathy
BA21 - 180	suraj Pradhan	suraj Pradhan	suraj Pradhan	suraj Pradhan
BA21 - 237	Ashish ku. Barik	Ashish ku. Barik	Ashish ku. Barik	Ashish ku. Barik
BA-21 - 056	Basudha das	Basudha Das	Basudha Das	Basudha Das
BA21 - 110	Shasmita Das	Shasmita Das	Shasmita Das	Shasmita Das
BA21 - 248	Abhaya Samba	Abhaya Samba	Abhaya Samba	Abhaya Samba
BA21 - 187	Sushree Sujata Das	Sushree Sujata Das	Sushree Sujata Das	Sushree Sujata Das
BA21 - 107	Smrutilipi Das	Smrutilipi Das	Smrutilipi Das	Smrutilipi Das

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Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet 2021-22

Programme: B.A/~~B.Com/B.Sc~~		Semester- I	Subject: History	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Ranjan Kumar Behura	Evolution: Meaning, concepts & its processes.	Paleolithic culture - Meaning characters & sites	Mesolithic culture Meaning characters & sites	Classification of paleolithic age upper Middle & lower - A discussion
Sign of Faculty with Date & Time	06.12.21	07.12.21	08.12.21	10.12.21
Roll No	Signature	Signature	Signature	Signature
BA 21- 098	Rajib kumar Kar	Rajib kumar kar	Rajib kumar Kar	Rajib kumar Kar
BA 21 - 089	Subhasmita Das	Subhasmita Das	Subhasmita Das	Subhasmita Das
BA-21- 155	Namita Behera	Namita Behera	Namita Behera	Namita Behera
BA-21 - 106	Dali Pujari	Dali Pujari	Dali Pujari	Dali Pujari
BA-21 - 110	Shasmita Das	Shasmita Das	Shasmita Das	Shasmita Das
BA-21 - 175	Rudra prasad sahoo	Rudra prasad sahoo	Rudra prasad sahoo	Rudra prasad sahoo
BA-21 - 177	Madhusmita Sethi	Madhusmita Sethi	Madhusmita Sethi	Madhusmita Sethi
BA21 - 174	Sudhansu Pandab	Sudhansu Pandab	Sudhansu Pandab	Sudhansu Pandab
BA21 - 184	Prasant ku. singh.	Prasant ku. singh.	Prasant ku. singh.	Prasant ku. singh.
BA21 - 221	Ashalata Samal	Ashalata Samal	Ashalata Samal	Ashalata Samal
BA21 - 271	Priyanka Tripathy	Priyanka Tripathy	Priyanka Tripathy	Priyanka Tripathy
BA21 - 180	Suraj Kanta Pradhan	Suraj Pradhan	Suraj Pradhan	Suraj Pradhan
BA21 - 237	Ashish ku. Barik	Ashish ku. Barik	Ashish ku. Barik	Ashish ku. Barik
BA21 - 057	Basudha Das	Basudha Das	Basudha Das	Basudha Das
BA21 - 110	Shasmita Das	Shasmita Das	Shasmita Das	Shasmita Das
BA21 - 048	Abhaya Sandha	Abhaya Sandha	Abhaya Sandha	Abhaya Sandha
BA-21 - 187	Subhasri Sujata Das	Subhasri Sujata Das	Subhasri Sujata Das	Subhasri Sujata Das
BA21 - 107	Smrutilipi Das	Smrutilipi Das	Smrutilipi Das	Smrutilipi Das

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BRIDGE COURSE SYLLABUS (**2021-22**)

SUB: **CHEMISTRY**

PATTAMUNDAI COLLEGE, PATTAMUNDAI

Objective: The main objective of introducing this syllabus to aware the students about basics of chemistry which is highly essential for a student to read higher chemistry.

Sl No	Topics	Number of Classes	Faculty
1.	**Chemical Equation** Definition, criteria of a chemical equation, balancing equations by Hit and trial method, Partial equation method, Ion electron method.	03	Mr R. K Gahan
2.	**Basic Concept of Atomic Structure** Concept of Dalton's Atomic Theory & Modern Theory, Discovery of electron, proton and neutron, Atomic number and mass number, Isotopes, Isobars with examples. Rutherford's model,Bohrs Model.	03	Dr S. K. Pradhan
3.	**Introduction to organic Chemistry** Functional groups, Inductive effect, Electromeric effect, Resonance, Hyper conjugation.	03	Dr D. Parida
4.	**Chemical Bonding** Ionic bond, Covalent bond, Coordinate bond, Hydrogen bond.	03	Dr F.C.Pradhan

Date :10-11-2021

Dr D Parida, 10|11|2021

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PATTAMUNDAI COLLEGE, PATTAMUNDAI

No. 1184 dt. 08/11/2021

NOTICE

The **Bridge Course** for +3 1st Semester students will be organised from 19th November 2021 for the Academic Session 2021-22. All the HODs are requested to prepare and submit syllabus for the said course on or before 10th November 2021 to IQAC. The course duration will be 07 days. Model syllabus is attached for your information.

English Syllabus: Tense, Subject Verb Agreement, Age of Chaucer.
(The syllabus should include some portions from +2 and +3 1st Semester Curriculum)

8/11/21

Principal
Pattamundai College

Copy to Guard File, IQAC, Staff Common Room

OFFICE OF THE PRINCIPAL
PATTAMUNDAI COLLEGE, PATTAMUNDAI

No. 1243 dt. 22/11/2021

NOTICE

The **Bridge Course** for +3 1st Year students will be organised on 24th November 2021 for the Academic Session 2021-22. All +3 1st Year students of different streams are asked to remain present in the **Auditorium Hall** at 12.15 p.m. to attend the inaugural ceremony of the said course.

22-11-2021

Principal
Pattamundai College

Copy to Guard File, Notice Board, IQAC, Staff Common Room

OFFICE OF THE PRINCIPAL
PATTAMUNDAI COLLEGE, PATTAMUNDAI

No. 1243 dt. 22/11/2021

NOTICE

The **Bridge Course** for +3 1st Year students will be organised on 24th November 2021 for the Academic Session 2021-22. All +3 1st Year students of different streams are asked to remain present in the **Auditorium Hall** at 12.15 p.m. to attend the inaugural ceremony of the said course.

22-11-2021

Principal
Pattamundai College

Copy to Guard File, Notice Board, IQAC, Staff Common Room

BRIDGE COURSE SYLLABUS (2021-22)

sub: SOCIOLOGY

Pattamundai College, Pattamundai.

Duration: 12 hours.

Objective: The primary purpose of the course is to make the students aware of the historicity of the subject and make them acquainted with the basic concepts used in the subject.

Course Outcome:

This course will clarify and broaden the students idea about the subject and some universal societal processes.

SL NO	TOPICS	Number of Classes	Faculty	
01.	Definition, Subject-matter and Emergence of Sociology Basic Concept of the subject	05	Capt. M. Parida	
02.	Relationship of sociology with Other Social Sciences.	04	Capt. M. Parida	
03.	Social Structure: Types of society. Socialization Process.	04	R. K. Senapati	
04	Social Control: Definition, Types and Agencies.	03	R. K. Senapati.	

19.11.21

HOD, Sociology

Pattamundai College.

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc	Semester- I	Subject: SOCIOLOGY	

Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
CAPT. MANOJ PANDA	Defn and subject matter of sociology	Emergence of sociology	Basic concept society community	Association Institution
Sign of Faculty with Date & Time	Manoj panda 16.11.21	Manoj panda 16.11.21	Manoj panda 20.11.21	Manoj panda 23.11.21
Roll No	Signature	Signature	Signature	Signature
BA21- 03	Shivankimohanty	shivankimohanty	shivankimohanty	shivankimohanty
BA21- 05	Bhagyajyoti Panda	Bhagyajyoti Panda	Bhagyajyoti Panda	Bhagyajyoti Panda
BA21-09	Asima Nayak	Asima Nayak	Asima Nayak	Asima Nayak
BA 21- 32	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray
BA 21- 34	Snehajyotshna Rana	Snehajyotshna Rana	Snehajyotshna Rana	Snehajyotshna Rana
BA21- 38	Ambika Sethi	Ambika Sethi	Ambika Sethi	Ambika Sethi
BA21- 49				
BA21- 54	Rashmita Panda	Rashmita Panda	Rashmita Panda	Rashmita Panda
BA21-66	swati swagatika mallik	swati swagatika malik	swati swagatika mallik	swati swagatika mallik
BA21- 69	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray
BA21- 71.	monalisha behera	monalishabehera	monalisha behera	monalisha behera
BA21- 74	Ankita Jena	Ankita Jena	Ankita Jena	Ankita Jena
BA21- 78	Monalisha malik	Monalisha malik	Monalisha malik	Monalisha malik
BA21- 80	Ankita panda	Ankita panda	Ankita panda	Ankita panda.
BA21- 83	Nitu Behera	Nitu Behera	Nitu Behera	Nitu Behera
BA21- 84	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy
BA21- 85	samarpita panda	samarpita panda	samarpita panda	samarpita panda
BA21-86	Arpita panda	Arpita panda	Arpita panda	Arpita panda
BA21-100	Rasmipriya panda	Rasmipriya panda	Rasmipriya panda	Rasmipriya panda
BA21-119	Amisha Dash	Amisha Dash	Amisha Dash	Amisha Dash
BA21-121	Jharana Sethi	Jharana Sethi	Jharana Sethi	Jharana Sethi
BA21- 127	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick
BA21- 136	ASis mallick	ASis mallick	ASis mallick	ASis mallick

BA21-160	Shubhangi Nayak	Shubhangi Nayak	Shubhangi Nayak	Shubhangi Nayak
BA21-162	kalyani swain	kalyani swain	Kalyani swain	kalyani swain
BA21-166	Rangita Kund	Rangita Kund	Rangita Kund	Rangita Kund
BA21-183	Aditya Mallik	Aditya Mallik	Aditya Mallik	Aditya Mallik
BA21-186	Priyanka priyadarshini	Priyanka priyadarshini	Priyanka priyadarshini	Priyanka priyadarshini
BA21-212	udit Narayan Biswal	udit Narayan Biswal	udit Narayan Biswal	udit Narayan Biswal
BA21-218	Geetanjali Pradhan	Geetanjali Pradhan	Geetanjali Pradhan	Geetanjali Pradhan
BA21-231	Sempari seema das	Sempari seema das	sempari seema das	sempari seema das
BA21-238	Abhijit Pradhan	Abhijit Pradhan	Abhijit Pradhan	Abhijit Pradhan
BA21-239	Pratigyna Parida	Pratigyna Parida	Pratigyna Parida	Pratigyna Parida
BA21-240	Pradeep ku Sahoo	Pradeep ku Sahoo	Pradeep ku Sahoo	Pradeep ku Sahoo
BA21-242	Bandita P. Sahoo	Bandita P. Sahoo	Bandita P. Sahoo	Bandita P. Sahoo
BA21-244	Chandrakanta Sethi	Chandrakanta Sethi	Chandrakanta Sethi	Chandrakanta Sethi
BA21-245	Debasis Maity	Debasis Maity	Debasis Maity	Debasis Maity
BA21-247	Rahul ku behera	Rahul ku behera	Rahul ku behera	Rahul ku behera
BA21-249	kajal Nayak	kajal Nayak	kajal Nayak	kajal Nayak
BA21-273	Meenali mallik	meenali mallik	meenali mallik	meenali mallik
BA21-278	Nibedita Pradhan	Nibedita Pradhan	Nibedita Pradhan	Nibedita Pradhan

23.11.21
Signature of HOD

23/11/21
Signature of
Academic Bursar

23/11/21
Signature of Prinicpal

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: SOCIOLOGY	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
MR RANJIT KESHARI SENAPATI	Social Structure	Society - Definition, types	Socialization - Definition, Agencies.	Types of Socialization.
Sign of Faculty with Date & Time	Ranjit Keshari Senapati 8.11.21	Ranjit Keshari Senapati 9.11.21	Ranjit Keshari Senapati 11.11.21	Ranjit Keshari Senapati 15.11.21
Roll No	Signature	Signature	Signature	Signature
BA21 - 03	shivanki mohanty	shivanki mohanty	shivanki mohanty	shivanki mohanty
BA21 - 05	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda
BA21 - 09	Asima Nayak	Asima Nayak	Asima Nayak	Asima Nayak
BA21 - 32	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray
BA21 - 34	Sneha Jyotshna Rana	Sneha Jyotshna Rana	Sneha Jyotshna Rana	Sneha Jyotshna Rana
BA21 - 38	Ambika Sethi	Ambika Sethi	Ambika Sethi	Ambika Sethi
BA21 - 49				
BA21 - 54	Rashmita panda	Rashmita panda	Rashmita panda	Rashmita panda
BA21 - 66	swati swagatika malik	swati swagatika malik	swati swagatika malik	swati swagatika malik
BA21 - 69	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray
BA21 - 71	monalisha behera	monalisha behera	monalisha behera	monalisha behera
BA21 - 74	Ankita Kund	Ankita Kund	Ankita Kund	Ankita Kund
BA21 - 78	Monalisha malik	Monalisha malik	Monalisha malik	Monalisha malik
BA21 - 80	Ankita panda.	Ankita panda	Ankita panda.	Ankita panda
BA21 - 83	Nitu Behera	Nitu Behera	Nitu Behera	Nitu Behera
BA21 - 84	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy
BA21 - 85	samarpita panda	samarpita panda	samarpita panda	samarpita panda
BA21 - 86	Arpita panda	Arpita panda	Arpita panda	Arpita panda
BA21 - 100	laxmipriya panda	laxmipriya panda	laxmipriya panda	laxmipriya panda
BA21 - 119	Amisha Dash	Amisha Dash	Amisha Dash	Amisha Dash
BA21 - 121	Jharana sethi	Jharana sethi	Jharana sethi	Jharana sethi
BA 21 - 127	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick
BA 21 - 136	ASIS mallick	ASIS mallick	ASIS mallick	ASIS mallick

BA21-160	Shubhangi Nayak	Shubhangi Nayak	Shubhangi Nayak	Shubhangi Nayak
BA21-162	Kalyani Swain	Kalyani Swain	Kalyani Swain	Kalyani Swain
BA21-166	Ranjita Kend	Ranjita Keud	Ranjita Kend	Ranjita Keend
BA21-183	Aditya Malik	Aditya Malik	Aditya Malik	Aditya Malik
BA21-186	Priyanka priyada rshini	Priyanka priyada rshini	Priyanka priyada rshini	Priyanka priyada rshini
BA21-212	Udit Narayan Biswal	Udit Narayan Biswal	Udit Narayan Biswal	Udit Narayan Biswal
BA21-218	Geetanjali Pradhan	Geetanjali Pradhan	Geetanjali Pradhan	Geetanjali Pradhan
BA21-231	Sempari seema das	Sempari seema das	Sempari seema das	Sempari seema das
BA21-238	Abhijit Pradhan	Abhijit Pradhan	Abhijit Pradhan	Abhijit Pradhan
BA21-239	Pratigyna Parida	Pratigyna Parida	Pratigyna Parida.	Pratigyna Parida
BA21-240	Pradeep Ku Sahoo	Pradeep Ku Sahoo	Pradeep Ku Sahoo	Pradeep Ku Sahoo
BA21-242	Bandita P. Sahoo	Bandita P. Sahoo	Bandita P. Sahoo	Bandita P. Sahoo
BA21-244	Chongnuonfa Sethi	Chongnuonfa Sethi	Chongnuonfa Sethi	Chongnuonfa Sethi
BA21-245	Debasis Maity	Debasis Maity	Debasis Maity	Debasis Maity
BA21-247	Rahul Ku Behera	Rahul Ku Behera	Rahul Ku Behera	Rahul Ku Behera
BA21-249	Kajal Nayak	Kajal Nayak	Kajal Nayak	Kajal Nayak
BA21-273	Mamali Malik	Mamali Malik	Mamali Malik	Mamali Malik
BA21-278	Nibedita Pradhan	Nibedita Pradhan	Nibedita Pradhan	Nibedita Pradhan

15.11.21
Signature of HOD

15/11/21
Signature of
Academic Bursar

15/11/21
Signature of Prinicpal

Pattamundai College, Pattamundai.
Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject: SOCIOLOGY	
Name of the Teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
MR RANJIT KESHARI SENAPATI	Social control- Meaning & nature	Types of Social control	Agencies of social control. (Formal)	Informal Agencies of Social control
Sign of Faculty with Date & Time	Ranjit Keshri 17.11.21	Ranjit Keshri 19.11.21	Ranjit Keshri 22.11.21	Ranjit Keshri 24.11.21
Roll No	Signature	Signature	Signature	Signature
BA21 - 03	shivanki mohanty	shivanki mohanty	shivanki mohanty	shivanki mohanty
BA21 - 05	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda	Bhagya Jyoti Panda
BA21 - 09	Asima Nayak	Asima Nayak	Asima Nayak	Asima Nayak
BA21 - 32	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray	Bhagyashree Ray
BA21 - 34	Sneha Jyotshna Rana	Sneha Jyotshna Rana	Sneha Jyotshna Rana	Sneha Jyotshna Rana
BA21 - 38	Ambika Sethi	Ambika Sethi	Ambika Sethi	Ambika Sethi
BA21 - 49				
BA21 - 54	Rashmita Panda	Rashmita Panda	Rashmita Panda	Rashmita Panda
BA21 - 66	swati swagatika malik	swati swagatika malik	swati swagatika malik	swati swagatika malik
BA21 - 69	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray	Reshmarani Ray
BA21 - 71	monalisha behera	monalisha behera	monalisha behera	monalisha behera
BA21 - 74	Ankita Kund	Ankita Kund	Ankita Kund	Ankita Kund
BA21 - 78	Monalisha malik	Monalisha malik	Monalisha malik	Monalisha malik
BA21 - 80	Ankita panda.	Ankita panda	Ankita panda	Ankita panda.
BA21 - 83	Nitu Behera	Nitu Behera	Nitu Behera	Nitu Behera
BA21 - 84	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy	Rudra N. Satpathy
BA21 - 85	samarpita panda	samarpita panda	samarpita panda	samarpita panda
BA21 - 86	Arpita panda	Arpita panda	Arpita panda	Arpita panda
BA21 - 100	laxmipriya panda	laxmipriya panda	laxmipriya panda	laxmipriya panda
[illegible]				
BA21 - 119	Amisha Dash	Amisha Dash	Amisha Dash	Amisha Dash
BA21 - 121	Jharana sethi	Jharana sethi	Jharana sethi	Jharana sethi
BA21 - 127	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick	Bhagyashree mallick
BA21 - 130	Asis mallick	Asis mallick	Asis mallick	Asis mallick

BA 21 - 160	Shubhaggi Nayak	Shubhaggi Nayak	Shubhaggi Nayak	Shubhaggi Nayak
BA 21 - 162	Kalyani Swain	Kalyani Swain	Kalyani Swain	Kalyani Swain
BA 21 - 166	Rangita Kund	Rangita Kund	Rangita Kund	Rangita Kund
BA 21 - 183	Aditya Mallik	Aditya Mallik	Aditya Mallik	Aditya Mallik
BA 21 - 180	Priyanka Priyada Sethi	Priyanka Priyada Sethi	Priyanka Priyada Sethi	Priyanka Priyada Sethi
BA 21 - 212	Udit Narayan Biswal	Udit Narayan Biswal	Udit Narayan Biswal	Udit Narayan Biswal
BA 21 - 218	Geetanjali Pradhan	Geetanjali Pradhan	Geetanjali Pradhan	Geetanjali Pradhan
BA 21 - 231	Sempari seema das	Sempari seema das	Sempari seema das	Sempari seema das
BA 21 - 238	Abhijit Pradhan	Abhijit Pradhan	Abhijit Pradhan	Abhijit Pradhan
BA 21 - 239	Pratigyna Parida	Pratigyna Parida	Pratigyna Parida	Pratigyna Parida
BA 21 - 240	Pradeep ku Sahoo	Pradeep ku Sahoo	Pradeep ku Sahoo	Pradeep ku Sahoo
BA 21 - 242	Bandita P. Sahoo	Bandita P. Sahoo	Bandita P. Sahoo	Bandita P. Sahoo
BA 21 - 244	Chunnakumari Sethi	Chunnakumari Sethi	Chunnakumari Sethi	Chunnakumari Sethi
BA 21 - 245	Debasis Maity	Debasis Maity	Debasis Maity	Debasis Maity
BA 21 - 247	Rahul ku behera	Rahul ku behera	Rahul ku behera	Rahul ku behera
BA 21 - 249	Kajal Nayak	Kajal Nayak	Kajal Nayak	Kajal Nayak
BA 21 - 273	Mamali Mallick	Mamali Mallick	Mamali Mallick	Mamali Mallick
BA 21 - 278	Nibedita Pradhan	Nibedita Pradhan	Nibedita Pradhan	Nibedita Pradhan

24.11.21
Signature of HOD

24/11/21
Signature of
Academic Bursar

24.11.21
Signature of Prinicpal

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet :- 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Dr Fakir Chandra Pradhan Reader in Chem	Periodicity of elements, Different blocks classification.	Long-form Periodic Table, with detailed discussion.	Effective nuclear charge, shielding effect, Slater Rules.	Different Property Atomic radii, Ionisation energy, Electron gain enthalpy
Sign of Faculty with Date & Time	09/11/21	17/11/21	22/11/21	30/11/21
Roll No	Signature	Signature	Signature	Signature
BS(P)-21-007	Saubhagya Ranjan Swain	Saubhagya Ranjan Swain	Saubhagya Ranjan Swain	Saubhagya Ranjan Swain
011	Madhusmita Sahoo	Madhusmita Sahoo	Madhusmita Sahoo	Madhusmita Sahoo
013	Aruna Jyoti Barik	Aruna Jyoti Barik	Aruna Jyoti Barik	Aruna Jyoti Barik
015	Sonali Priyadarshini Sahoo	Sonali Priyadarshini Sahoo	Sonali Priyadarshini Sahoo	Sonali Priyadarshini Sahoo
024	Swarnajyoti Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak
035				
039	Ahwan Rout Ray	Ahwan Rout Ray	Ahwan Rout Ray	Ahwan Rout Ray
047	Abhisek panda	Abhisek panda	Abhisek panda	Abhisek panda
061	Amit Kumar Jena	Amit Ku. Jena	Amit Ku Jena	Amit Ku. Jena
062	Suryanarayan Das	Suryanarayan Das	Suryanarayan Das	Suryanarayan Das
063	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo
064	Subhasmita Jujharsingh	Subhasmita Jujharsingh	Subhasmita Jujharsingh	Subhasmita Jujharsingh
065	Sonali Lenka	Sonali Lenka	Sonali Lenka	Sonali Lenka
066	Bibekananda Behera	Bibekananda Behera	Bibekananda Behera	Bibekananda Behera
067	Archita Priyadarshini	Archita Priyadarshini	Archita Priyadarshini	Archita Priyadarshini
069	Priyanka Behera	Priyanka Behera	Priyanka Behera	Priyanka Behera
078	Gyana padhiari	Gyanaranjan Padhiari	Gyana padhiari	Gyana Padhiari
079	Smrutiranjan Lenka	Smrutiranjan Lenka	Smrutiranjan Lenka	Smruti Ranjan Lenka
083	S.k. Sutar	S.k Sutar	S.k Sutar	S.k Sutar
085	Ankyudaya Senapati	Ankyudaya Senapati	Ankyudaya Senapati	Ankyudaya Senapati
086	Sushil Biswal	Sushil Biswal	Sushil Biswal	Sushil Biswal
090	Soumyaranjan Das	Soumyaranjan Das	Soumyaranjan Das	Soumyaranjan Das
092	Rajesh Ku. Swain	Rajesh Ku. Swain	Rajesh Ku. Swain	Rajesh Ku. Swain
093	B.R Das	B.R Das	B.R Das	B.R. Das

Signature of HOD
H.O.D. CHEMISTRY
PATTAMUNDAI COLLEGE

Signature of Academic Bursar

20/3/23
Signature of Prinicepal

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Dr Sunil Kumar Pradhan Reader in Chem	Bohr's theory & limitations Spectrum of H-atom.	Sommerfeld's modification wave mechanics de-Broglie's equation	Heisenberg Principle Ψ, Ψ^2, normalised and orthogonal wave function.	Shape of s, p, d orbitals, Aufbau Principle Hund's rule.
Sign of Faculty with Date & Time	01/11/21	6/11/21	13/11/21	16/11/21
Roll No	Signature	Signature	Signature	Signature
BSP)-21-007	Soubhagya Ra Swain	Soubhagya Ra Swain	Soubhagya Ra Swain	Soubhagya Ra Swain
011	Madhusmita sahoo	Madhusmita sahoo	Madhusmita sahoo	Madhusmita sahoo
013	Aruna Jyoti Barik	Aruna Jyoti Barik	Aruna Jyoti Barik	Aruna Jyoti Barik
015	Sonali p. Sahoo	Sonali p. Sahoo	Sonali p. Sahoo	Sonali p. Sahoo
024	Swarnajyoti Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak
035	Punam Sethi	Punam Sethi	Punam Sethi	Punam Sethi
039	Ahwan Rout Ray	Ahwan Rout Ray	Ahwan Rout Ray	Ahwan Routray
047	Abhisek Panda	Abhisek Panda	Abhisek Panda	Abhisek Parida
062	Suryananda Bari	Suryananda S. Bari	Suryananda Bari	Suryananda Bari
062	Amit Ku Jena	Amit Ku Jena	Amit Ku Jena	Amit Ku Jena
063	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo
064	Subhasmita Nayak	Subhasmita Nayak	Subhasmita Nayak	Subhasmita Nayak
065	Sonali Lenka	Sonali Lenka	Sonali Lenka	Sonali Lenka
066	Bibekananda Pal	Bibekananda Pal	Bibekananda Pal	Bibekananda Pal
067	Archita Priyadarshini	Archita Priyadarshini	Archita Priyadarshini	Archita Priyadarshini
069	Priyanka Behera	Priyanka Behera	Priyanka Behera	Priyanka Behera
078	Gyanaranjan Pattnaik	Gyanaranjan Pattnaik	Gyanaranjan Pattnaik	Gyanaranjan Pattnaik
079	Smrutiranjan Lenka	Smrutiranjan Lenka	Smrutiranjan Lenka	Smrutiranjan Lenka
083	S.K. Sutar	S.K Sutar	S.K Sutar	S.K Sutar.
085	Abhyudaya Senapati	Abhyudaya Senapati	Abhyudaya Senapati	Abhyudaya Senapati
086	Sushil Biswal	Sushil Biswal	Sushil Biswal	Sushil Biswal
090	Soumameeta Das	Soumameeta Das	Soumameeta Das	Soumameeta Das
092	Rajesh Ku. Swain	Rajesh Ku Swain	Rajesh Ku. Swain	Rajesh Ku. Swain
093	BR Das	BR Das	BR Das	BR Das

Signature of HOD

H.O.D. CHEMISTRY
PATTAMUNDAI COLLEGE
PATTAMUNDAI

Signature of Academic Bursar

20/3/23

Signature of Prinicpal

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
Mr Ranjan Kumar Gahan Lect. in Chem	Kinetic model, postulates and deriving $PV=\frac{1}{3}mnc^2$	Collision frequency diameter and mean free path	Maxwell distribution and molecular velocities	Different velocities degrees of freedom. Behaviour of Real Gases.
Sign of Faculty with Date & Time	02/11/21	08/11/21	15/11/21	19/11/21
Roll No	Signature	Signature	Signature	Signature
BS(P)-21-007	Soubhagya Ku Swain	Soubhagya Ku Swain	Soubhagya Ku Swain	Soubhagya Ranjan Swain
011	Madhusmita Sahoo	Madhusmita Sahoo	Madhusmita Sahoo	Madhusmita Sahoo
013	Aruna Jyoti Barik	Aruna Jyoti Barik	Aruna Jyoti Barik	Aruna Jyoti Barik
015	Sonali Priyadarshini Sahoo	Sonali Priyadarshini Sahoo	Sonali Priyadarshini Sahoo	Sonali Priyadarshini Sahoo
024	Swarnajyoti Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak
035	Punam Sethi	Punam Sethi	Punam Sethi	Punam Sethi
039	Aswan Rout Ray	Aswan Rout Ray	Aswan Rout Ray	Aswan Rout Ray
047	Abhisek panda	Abhisek panda	Abhisek panda	Abhisek panda
061	Amit Kumar	Amit Kumar	Amit Kumar	Amit Kumar Jena
062	Suryananda J Bal	Suryananda J Bal	Suryananda J Bal	Suryananda J. Bal
063	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo
064	[illegible]	[illegible]	[illegible]	[illegible]
065	Sonali Lenka	Sonali Lenka	Sonali Lenka	Sonali Lenka
066	Bibekananda Behera	Bibekananda Behera	Bibekananda Behera	Bibekananda Behera
067	Amrita Priyadarshini	Amrita Priyadarshini	Amrita Priyadarshini	Amrita Priyadarshini
069	Priyanka Behera	Priyanka Behera	Priyanka Behera	Priyanka Behera
078	Gyanaranjan Padhihari	Gyanaranjan Padhihari	Gyanaranjan Padhihari	Gyanaranjan Padhihari
079	Smrutiranjan Jena	Smrutiranjan Jena	Smrutiranjan Jena	Smrutiranjan Jena
083	Subrat Ku Sethi	Subrat Ku Sethi	Subrat Ku Sethi	Subrat Ku Sethi
085	Abhyudaya Senapati	Abhyudaya Senapati	Abhyudaya Senapati	Abhyudaya Senapati
086	~~[illegible]~~ Sushil Biswal	~~[illegible]~~ Sushil Biswal	Sushil Biswal	Sushil Biswal
090	Soumameeta Das	Soumameeta Das	Soumameeta Das	Soumameeta Das
092	Rajesh Ku Swain	Rajesh Ku Swain	Rajesh Ku Swain	Rajesh Ku Swain
093	B.S Das	B.L Dash	B.S. Das	B.S Das

20/3/23

Signature of HOD

H.O.D, CHEMISTRY
PATTAMUNDAI COLLEGE
PATTAMUNDAI

Signature of Academic Bursar

Signature of Prinicpal

Pattamundai College, Pattamundai.

Bridge Course Attendance Sheet : 2021-22

Programme: B.A/B.Com/B.Sc		Semester- I	Subject:	
Name of the teacher	Topic Taught	Topic Taught	Topic Taught	Topic Taught
DR DUKHASAN PARIDA READER in Chem	Ionic Equilibria, Electrolytes, Degree of Ionisation factors.	Kw, Ionisation of weak acids & bases, pH	common ion effect, solubility product, Ka of polybasic acids	Solid state; Weiss, law of symmetry, x-ray diffraction & Bragg's law
Sign of Faculty with Date & Time	01.11.21	08/11/21	10.11.21	22/11/2021
Roll No	Signature	Signature	Signature	Signature
BS(P)-21-007	Soubhagya Ranjan Swain	Soubhagya Rn. Swain	Soubhagya Rn Swain	Soubhagya Rn. Swain
011	Madhusmita Sahoo	Madhusmita Sahoo	Madhusmita Sahoo	Madhusmita Sahoo
013	Arunajyoti Barik	Arunajyoti Barik	Arunajyoti Barik	Arunajyoti Barik
015	Sonali P. Sahoo	Sonali P. Sahoo	Sonali P. Sahoo	Sonali P. Sahoo
024	Swarnajyoti Nayak	Swarnajyot Nayak	Swarnajyoti Nayak	Swarnajyoti Nayak
035	Punam Sethi	Punam Seth	Punam Sethi	Punam Sethi
039	Ahwan Padhan	Ahwan Padhan	Ahwan Padhan	Ahwan Padhan
047	Abhisek panda	Abhisek panda	Abhisek panda	Abhisek panda
061	A Jena	A Jena	A Jena	Anil Kumar Jena
062	Suryanaraya J. Dash	Suryanaraya J. Dash	Suryanaraya J. Dash	Suryanaraya J Dash
063	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo	Sradhanjali Sahoo
064	Subhalaxmi Sanday	Subhalaxmi Sanday	Subhalaxmi Sanday	Subhalaxmi Sanday
065	Sonali Lenka	Sonali Lenka	Sonali Lenka	Sonali Lenka
066	Bibekananda Beh	Bibekananda	Bibekananda	Bibekananda Behera
067	Archita Priyadarshini	Archita Priyadarshini	Archita Priyadarshini	Archita Priyadarshini
069	Priyanka Behera	Priyanka Behera	Priyanka Behera	Priyanka Behera
078	G. D Padhani	G. D padhani	G. D Padhani	G. D. Padhani
079	Smrutiranjan lenka	Smrutiranjan lenka	Smrutiranjan lenka	Smrutiranjan lenka
083	S.K Sutar	S.K Sutar	S.K Sutar	S.K Sutar
085	Abhyudaya Senapati	Abhyudaya Senapati	Abhyudaya Senapati	Abhyudaya Senapati
086	Sushil Biswal	Sushil Biswal	Sushil Biswal	Sushil Biswal
090	Saunareeta Das	Saunareeta Das	Saunareeta Das	Saunareeta Das
092	Rajesh Ku. Swain	Rajesh Ku. Swain	Rajesh Ku. Swain	Rajesh Ku. Swain
093	Bishwaranjan das	Bishwaranjan das	Bishwaranjan Das	B. R. Das

Signature of HOD

H.O.D. CHEMISTRY
PATTAMUNDAI COLLEGE
PATTAMUNDAI

Signature of Academic Bursar

20/3/23
Signature of Prinicpal

BRIDGE COURSE-2021-22

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BRIDGE COURSE

SESSION-2021-22

ORGANISED BY: IQAC, PATTAMUNDAI COLLEGE, PATTAMUNDAI

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BRIDGE COURSE

SESSION-2021-22

ORGANISED BY: IQAC, PATTAMUNDAI COLLEGE, PATTAMUNDAI

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PATTAMUNDAI DEGREE COLLEGE, PATTAMUNDAI

ACADEMIC CALENDAR FOR THE SESSION 2021-22

Sl. No.	Activities	Time schedule
1	Re-opening of college after summer vacation	01.06.2021
2	Form fill up and conduct+3 final degree 6th semester (Reg&back) examination in **online mode**	July 2021
3	College foundation day	05.07.2021
4	Examination and Publication of result of +3 final degree	Aug 2021
5	Re-admission & issue of academic time table to UG 3rd &5th semester students	30-09-2021
6	Commencement of classes UG 2nd,3rd & 5th semesters through **Online /Offline Mode**	01.08.2021
7	Publication and distribution of college calendar	01.11.2021-31.12.2021
8	**Visit of NAAC Peer Team**	**Aug 2021 to Oct 2021**
9	Admission /Commencement of classes of +3 1st year students as per UGC Notification through online/offline	30-09-2021/01.10.2021
10	Commencement of Indian culture class/ Yoga/value-based education (every Saturday)/mentoring /Remedial Class in online/offline mode	1 .08.2021 onwards
11	State/ National International level webinars/Seminars by all 14 departments (Two webinars and one seminars)	01.08.2021-28.02.2022
12	Submission of questions by respective HOD's for mid-semester assessment (3rd, & 5th semester)	15.11.2021-30.11.2021
13	Mid-semester exam for 3rd, & 5th semesters	As notified by the University
14	Inter College Tournament	15.11.2021-31.12.2021
15	Blood Donation Camp	01.01.2022-31.03.2022
16	Invitation of articles from students and staff for publication in the college magazine	16.09.2021-15.11.2021
17	Filling up form for UG 1st, 3rd, & 5th semester exams.	As notified by the University
18	Semester examination 3rd, & 5th semester (tentative as per university notification)	As notified by the University
19	1st Semester examination (tentative as per university notification)	As notified by the University
20	Study tour cum workshop	02.01.2022-31.03.2022
21	Commencement of classes for 4th and 6th semester (as per university notification)	As notified by the University

22	Commencement of classes for 2nd semester (as per university notification)	As notified by University
23	Annual Sports/Essay/Debate and Other Competitions /Cultural Week/Annual Function	15.01.2022-26.02.2022
24	Departmental student's seminars	15.09.2021-15.01 .2022
25	Teacher - Parents meet through online /offline	01.11.2021-30.11.2021
26	Alumni meet	15.12.2021-28.02.2022
27	IQAC Meeting (1st quarter) IQAC Meeting (2nd quarter) IQAC Meeting (3rd quarter) IQAC Meeting (4th quarter)	01.10.2021-15.10.2021 01.12.2021-15.12.2021 15.02.2022-28.02.2022 15.04.2022-30.04.2022
28	IQAC Seminar (1st) IQAC Seminar (2nd) IQAC Seminar (3rd)	15.09.2021-28.02.2022
29	Mid-semester exam for 4th and 6th semesters	As notified by the University
30	Mid-semester exam for 2nd semesters	As notified by the University
31	Assignment of students' projects (DSE-IV) for 6th semester	15.03.2022-30.03.2022
32	Feedback from 6th semester students	05.11.2021-15.01.2022
33	Submission of self-appraisal form by Teachers	01.11.2021-15.02.2022
34	Observation of Important State/National/International days/ Death &Birth anniversaries (Separate Sheet attached)	01-06-2021 – 30-06-2022
35	Filling of forms for 2nd / 4th/6th semester	As notified by the University
36	Semester examination for 6th semester	As notified by the University
37	Semester examination for 4th semester	As notified by the University
38	Semester examination for 2nd semester	As notified by the University

This is to be modified subject to Govt/ University notification from time to time.

29.7.2021

Principal

Pattamundai College

Principal

Pattamundai College

Sl No	Date	Event	Agency
1	5th June 21	World's Environment Day	Dept of Botany
2	12th June 21	World's Day Against Child Labour	Dept of Sociology
3	15th June 21	World's Elder Abuse Awareness Day	NSS
4	21st June 21	International Yoga Day	NCC/NSS
5	7th July 21	Bana Mahotsava	NSS/Forest Dept/Sub Judge Court
6	26th July 21	Kargil Vijaya Diwas	NCC/NSS
7	28th July 21	World's Nature Conservation Day	Dept of Botany/NSS
8	12th Aug 21	International Youth Day	NCC/NSS/YRC
9	15th Aug 21	Independence Day	NCC/NSS
10	5th Sept 21	Teacher's DaY	Cultural Association
11	8th Sept 21	International Literacy Day	NCC/NSS
12	2nd Oct 21	Gandhi Jayanti	Cultural Association
13	9th Oct 21	Gopabandhu Jayanti	Cultural Association
14	15th Oct 21	International Day of Rural Women	Dept Pol Sc/ NSS
15	17th Oct 21	International Day for Eradication of Poverty	Dept Pol Sc/ Economics
16	19th Nov 21	National Integration Day	Dept Pol Sc/ NSS
17	25th Nov 21	International Day for the Elimination of Violence Against Women	Dept Sociology
18	26th Nov 21	Constitution Day	Dept Pol Sc/ NSS
19	1st Dec 21	World AIDS Day	NCC/NSS/YRC
20	10th Dec 21	Human Rights Day/International Animal Rights Day	Dept Pol Sc/Zool
21	25th Dec 21	Christmas Day	NCC/NSS/YRC
22	6th Jan 22	World Orphan Day	NCC/NSS/YRC
23	23rd Jan 22	Subhash Chandra Bose Jayanti	Cultural Association
24	25th Jan 22	National Voters Day	Dept of History/ NSS
25	26th Jan 22	Republic Day	NCC/NSS/YRC
26	4th Feb 22	World Cancer Day	Dept of Zool
27	20th Feb 22	World Day of Social Justice	Dept of History
28	28th Feb 22	National Science Day	Science Society
29	3rd March 22	World Wildlife Day	Dept of Zool
30	5th March 22	Biju Patnaik Jayanti	Cultural Association
31	8th March 22	International Women's Day	Dept of Education
32	22th March 22	World Day for Water	Science Society

Sl No	Date	Event	Agency
1	7th April 22	World Health Day	Science Society
2	14th April 22	Dr Ambedkar Jayanti	Cultural Association
3	26th April 22	World Intellectual Property Day	Dept of Commerce
4	28th April 22	Madhusudan Jayanti	Cultural Association
5	1st May 22	International Labour Day	Dept of Commerce
6	8th May 22	World Red Cross Day	YRC
7	10th May 22	World Mother Day	Dept of Odia
8	31st May 22	World Anti-Tobacco Day	Dept of Zool

NB: The respective agencies/departments are requested to perform the above activities in suitable mode in given dates along with their usual activities to meet the requirement of NAAC for the session 2021-22.

All the staff members are also requested to submit their individual academic calendar in soft copy in ward format and hard copy on or before 04-08-2021 in the format supplied to you in your registered email id.

This is treated as most urgent.

29.7.2021

Principal
Pattamundai College

Principal
Pattamundai College