



TEACHING PLAN

ST.MARY'S COLLEGE
SULTHAN BATHERY,
WAYANAD, KERALA-673592

ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan 2021-22

Class : DI BCA

Semester : 2nd Semester

Subject : OR

Name of teacher : Renie Mathews

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
Dec Feb	Operation Research and Decision making, Advantages of OR, Applications and limitations	12T	10	Online, ●	General Introduction of Operations research	youtube links given for extra work.
March	LPP - Mathematical formulation, canonical and std form, Simplex Big-M, 2 phase method dual simplex	14T	10	Online, Google class room	General introduction in solving linear programming problems.	problems given for work. QP questions

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April	Transportation model, NW corner, LCM, Vogel's approximation Degeneracy in TP	12T	10	Google Classroom Youtube	Understanding TP methods for solving LPP.	- QP questions - Extra questions - Test.
May	Assignment problem - Mathematical formulation - assignment alg - impossible alg's - T	12T	10	Youtube, Google Classroom	Understanding assignment methods for solving LPP.	- Problems - Extra questions from QP - Test.
June	PERT, CPM, critical path calculations, sequencing models, n jobs 2 machines, n jobs 3 machines, 2 jobs m machines	14T	14	Google Classroom, Youtube.	Understanding N/w analysis	- Extra Problems - Test.



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(Renie Mathews)

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Teaching Plan (2021-2022)

Class : Vth Semester B.Sc Physics

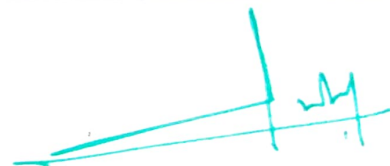
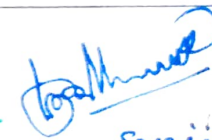
Semester : VI

Subject : Relativity and Astrophysics

Name of teacher : Sujitha C.S

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
Nov.	Special Relativity	18	18	Class Rooms, Seminars, Tutorials,	To get a basic understanding on the special Theory of Relativity. Derivation of Basic Lorentz transformations and understanding MM experiment.	Tutorials and Assignments were given.
Dec	General Relativity and Cosmology.	8	8	Online and Class rooms	Introducing the concepts of General Relativity. A basic understanding on stellar evolution.	Video demonstration Power Point Presentations

January	Basic tools of Astronomy	10	10	class Room	To give students an idea on basic stellar distance and the tools to measure these.	Video demonstrations, class Room, PPT.
January	Stellar Evolution	12	12	class Room, Night Sky observations	The evolution of stars and Different stages of the stars etc.	Video, class Room PPT.
February	Galaxies.	6	6	class Room.	What is a galaxy, Different kind of galaxies, Hubble's law etc.	Videos PPT of class Room
March	Revision Remedial classes Model Examinations	8	8		We may go for more clarifications on the topics. Model Exams may be conducted	Class.



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ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan

Class : Third Sem M.Sc Chemistry

Semester : Third

Subject : Molecular Spectroscopy

Name of teacher : Dr. NIRMALA.K.N

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
NOV. 2021- 2022	Mass Spectroscopy	4	4	Practical hours taken to do problems	Assign Problems related to structure elucidation of organic molecules	Test paper
Dec. 2021- 2022	IR spectroscopy Optical Rotatory Dispersion Curves	3 5	3 5	Practical hours taken to solve problems in IR	Structure elucidation of molecules using IR spectra	Assignments Solve problems related to IR spectra.

2022 Jan. 2023	UV spectroscopy	4	4	Practical homeworks taken to solve problems in UV	λ_{max} calculation using UV spectra	Seminars Test Papers

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Teaching Plan (2021-22)

Class : M.Sc

Semester : IIIrd Semester

Subject : SOLID STATE PHYSICS

Name of teacher : BHAGYARAJ C

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
JULY	CRYSTAL STRUCTURE , SYMMETRY IN SOLIDS , RECIPROCAL LATTICE STRUCTURE FACTOR , ATOMIC FORM FACTOR	14	12	2 hours special class	Obtaining basic ideas crystal structure	Problem assignments
AUGUST	BONDING IN SOLIDS LATTICE WAVES : DISPERSION RELATION Einstein theory of Lattice Specific heat	16	13	3 hours ADDITIONAL Hours taken	→ Developing ideas on different kind of bonding in crystals → Developing a theory in physics : Method adopted for evaluating lattice specific heat	Assignments given , Test paper

September	Debye theory Different models for Metals	16	16	-	→ Deriving Debye's theory of specific heat → Explaining different models such as Drude model, Free electron theory	Problems Assignments
October	Energy band Concept Properties of Semiconductor Crystals	16	15	-	Concepts of energy bands, effective mass. Deriving the relation for intrinsic Carrier concentration	Seminar
November	Theory of Dielectrics, Magnetism in Solids	16	16	-	→ Discussed electric polarization in dielectrics → magnetism in diamagnetic Paramagnetic and ferromagnetic Solids are discussed	Problem Seminar
December	Superconductivity	12	12	-	Discussed Meissner effect Different types of superconductors BCS Theory, London theory	Problem Model exam

July

Dr. Bhagyaraj C

ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan (2021-2022)

Class : M.Sc Physics.

Semester : III Sem.

Subject : Nuclear and Particle Physics

Name of teacher : JAYESH GEORGE JOSEPH.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
July	Properties of Atomic Nucleus Deuteron problem.	16	16	Class room teaching.	Basic ideas about property of atomic nucleus, Determination of properties of atomic nucleus.	Test Paper and seminar
Aug	Nuclear models	12	12	Class room teaching.	What are the methods of understanding atomic nucleus in Physics. Understanding the limitations of theory in predicting properties.	Problem solving and examination

	Topic detail	No. of hrs	No. of assigned		Learning objective	
Sep	Properties of Nuclear force	12	12	Class room.	Understanding about basic characteristics of Nuclear force	test paper & seminar.
Oct	Nuclear decay	16	16	Class room teaching	Understanding the stability of atomic nucleus. Various interactions.	test paper & seminar presentation
Nov	Nuclear decay and Nuclear detectors.	16	16	Class room teaching	α -decay process. Various kinds of detectors. Electronic circuits for detection process.	test paper & seminar.
Dec	Particle Physics.	16	16	Class room teaching	Symmetries of nuclear interaction. Basic idea of Particle Physics.	test paper & seminar.

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Jyoti
Jyoti Arora

ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan (2021-2022)

Class : IIIrd year BSc PhysicsSemester : Vth Semester

Subject : Electronics

Name of teacher : Shibina T

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
June	Semiconductor Rectifiers Transistors	6 hours 6 hours	10 hours	classroom	To understand the basic principles of rectifier, dc power supplies and principles of transistor	Assignments for problem solving
July	Transistors Multistage amplifiers	8 hours 4 hours	12 hours	classroom	To understand the working and designing of transistor amplifiers	Seminars, video demonstrations

August	Feedback circuits and oscillators	8 hours	8 hours	classroom	To understand the effect of feedback on amplifier circuits.	video presentation
September	Opamp and its applications Number systems	6 hours 6 hours	12 hours	classroom	To understand the basic operations of opamp and its applications.	video presentation
October	Logic gates and circuits	10 hours	8 hours	classroom online	To understand the basis of digital Electronics.	Seminar Tutorial

July

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ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan 2021-2022

Class : 11th Year B.Com

Semester : IIIrd Semester.

Subject : Business Regulations.

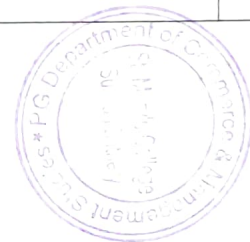
Name of teacher : Divya.V.P.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
June.	Business Law - Introduction - Contract Act - essentials - classification of contract - Offer & Acceptance - Consideration - Capacity - Free Consent - Void agreement - Discharge - Breach of Contracts.	20.	18.	2 hours through online mode.	To familiarize students with basic elements of Indian Contract Act 1872.	Discussion, Seminar, Assignment & class test
July	Special Contracts - Indemnity - Rights of indemnifier - Contract of guarantee - Rights & liabilities of surety - Contract of bailment & Pledge.	15.	15.	-	To enable the students to acquire knowledge about special types of contract existing in India & its features.	Discussion, Role play, QUIZ, PPT.

August	Contract of Agency - creation of agency - delegation of authority - Duties & liabilities of agent & principal - Termination of agency.	8 hours.	7 hours.	1 hour online mode.	To make students aware about the relationship between agent & principal.	Discussion & PPT.
September	Sale of goods Act. 1930 - Essentials - Conditions for warranty - Sale & other transactions - Credit emptor, - Sale by non-owner - unpaid seller - Rights.	7 hours.	7 hours.	-	To help the students to acquire conceptual knowledge of the fundamentals of a contract of sale.	Discussion Unit test Seminar.
October	The Consumer Protection Act - Features - Consumer - Dispute - Unfair trade practices - Rights of Consumers - Consumer Protection Council - Commissions.	10 hours.	8 hours.	2 hours through online class.	To familiarize students about the concepts of consumer redressal mechanism available in India.	Discussion & Analysis.
November	The limited Liability Partnership - 2008 - Features - partners & designated partners - Liability of partners - Company - Partnership Difference.	4 hours	4 hours	-	To create a knowledge base about LLP Act & features of a registered LLP.	Discussion & model test.

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ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan 2021-22

Class : 1st Year B.Com (SF)

Semester : 1st Semester

Subject : Managerial Economics

Name of teacher : ANUROOP. A. R.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
September	Managerial Economics - Definition, nature and Scope. Decision making and Forecast Planning - Basic economic tools in managerial economics - The role of managerial economist	10 Hours	10 Hours	1 hour through online method.	To familiarise the students with the nature, features and scope of managerial economics	Discussion Assignment Class Test.
October	Theory of Consumer Behaviour - Cardinal and ordinal Approach Consumer equilibrium - Income Consumption Curve and Price Consumption Curve - Concept of elasticity of demand Elasticity of Supply.	20 Hours	22 Hours	2 hours through online method	To enable the students to understand the concept of theory of consumer behaviour.	Discussion Assignment Class Test.

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November	Market Structure - Perfect Competition - monopoly - monopolistic Competition oligopoly.	20 Hours	22 Hours	2 Hours through online method	To Provide the students information and knowledge about different market structure	Discussion Assignment Class Test.
December	An overview of Indian economy - Basic character- istics of Indian economy - Indian economy under Sco- regime - Issues in Indian economy.	10 Hours	12 Hours	2 hour through online method	To enable the students to understand the features and problems of Indian economy.	Discussion Assignment Class Test.
January	The role of govt in a market economy - structure and direction of India's foreign trade - foreign Capital and MNC in India trade reforms - An overview of Kerala economy - The role of small Scale Industries in Kerala economy.	20 Hours	22 Hours	1 hour through online method	To familiarise students with India's foreign trade.	Discussion Assignment Class Test.
February						



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Teaching Plan — 2021

Class : M A Business Economics.

Semester : First Semester.

Subject : Principles of Business Economy.

Name of teacher : Dr. Geetha P. Mathai

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
Nov	Basic concepts. Basic principles of economy. Special cost principle. Risk and uncertainty. Economic principles.	10	8	Summary Discussion	To understand Business Economics.	Assignment
Dec	Economic Environment of business. Economic planning in India, approaches and factors of business.	15	12	Library old quest paper	To familiarize the concepts of Business economics.	Summary

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June	Socio-Cultural environment of Business - Environmental Scanning of business - Objectives SWOT analysis	20	17	Seminar Assignment	To understand and aware the business principles	Seminar PPT
Feb	PESTLE ANALYSIS - Economic Environment of Business - Business Industry analysis	20	16	Library Referen PPT Paper Preparation	Old questions paper answering and study identify methods of presentation	Assignment PPT
March	Theoretical Concepts of Business environment WTO, IMF monetary policy, Social institutions	10	8	App model exams or paper discuss	Model exams	



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Teaching Plan 2021-22

Class : MA ECONOMICS (Self)

Semester : I

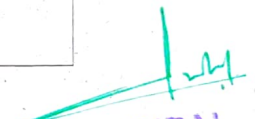
Subject : QUANTITATIVE METHODS FOR ECONOMIC ANALYSIS I

Name of teacher : ROSHNI FREEDA GODFRED

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
Sept						
Sep	Linear Algebra. Different types of function & its graphs, Costs Application of linear function in Economic Matrix, characteristic eqn's, roots and vector.	24	27	lecturing	to understand different types of functions and their application	problem solving
Oct	differential calculus. limit of a fn. derivative of a fn rules of differentiation Marginal concept. Maxima and Minima	24	26	lecturing	to analyze the concept of derivatives.	problem solving

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NOV	Function of several variables partial differentiation Constrained optimization Total and Partial derivatives. Rules of integration producers and consumers surplus	24	28	lecturing	To learn differential equations partial derivatives	Solve problems
Dec	differential and difference eqns first order differential equation soln of first order difference eqns. Cobb web model. Arithmetic and geometric sequences and series, simple and compound interest	24	26	seminars	to analyse differential eqns.	Assignment


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2020 - 2021

ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan

Class : MA ENGLISH

Semester : 3

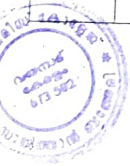
Subject : Women's Writing

Name of teacher : Lija Alias.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
July	Introduction to vindication of Rights of Women.	6	5	Seminar presentation	To teach the students about various author's major writings	Assignments
August	Can the subaltern speak - Making space for Feminist Social Critique in Contemporary Kerala	26	24	Seminar presentation.	To teach the students about various Theories.	Conducted Class Tests

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September	Diving into the Neck - I am not that woman	24		Seminar	Students should be able to identify the signs of Symbolism in various forms.	Assignments
October	Aunt I a woman - Ladies Coupe	24		"	"	Class Tests
November	My Mother said I never should - Mother of 1084	26		"	"	Assignments
	Revision	12		"	"	



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2020-21

ST. MARY'S COLLEGE, SULTHAN BATTERY

Teaching Plan

Class : D Botany

Semester : First semester

Subject : Zoology

Name of teacher : Bhanupriya R.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
October	Salient features of protozoans.	2	8	online classes	Describe the general characters of protists and salient features.	Assignment Seminar Q.P. work
November	Animal physiology diversity Non chordata Part I	14	25	online classes	Enumerate the salient features and examples of phylum poriferate echinodermate	Assignment class tests Seminar

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December	Animal diversity; Chordata Part II	14	20	online classes (Recorded)	Describe the characteristic features and classification of phylum Chordata.	Seminars/ class test
January		"	20		Structural organisation of Oryctolagus - Curriculum	"
February	Conservation Biology	6	10	online classes (Recorded)	Explain levels of biodiversity, threats to biodiversity, biodiversity hotspots, their importance and strategies for conservation of wildlife and sustainable development	Seminars/ class test
						Designment



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Teaching Plan - 2020 - 21

Class : D3

Semester :

Subject : International Economics

Name of teacher : Do Gisha P Mathai

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
June						
June	Subject matter and Importance. Internal and International trade Importance of International Trade, Trade and Economic devt. - Basic concepts.	10	8	Literary work Assignments Seminar	To understand the subject matter of International Economic.	Assignment
July	Mercantilist approach to trade. Classical theory, absolute and Comparative Cost, H-O theory, Leontief Paradox.	15	10	Seminar Discussions	To familiarise the concepts.	Seminar

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Aug	Free trade, merits and demerits Protection - Methods of trade restrictions, tariff and non tariff trade barriers, export subsidy, countervailing, dumping	20	15	Seminar Discussion	To understand the merits and demerits of free trade.	Seminar
Sept	Economic Integration, WTO, EU, NAFTA, ASEAN, SAARC, Foreign exchange mkt, exchange mkt determination, changes, Hybrid, Most Privy theory, PPP, BOP, Different systems.	20	15	Assignment test paper	Critical thinking of Economic integration ways	PPT Pre paration
Oct	Components of Foreign exchange. Defining BOP Structure Disequilibrium. India's BOP Correct BOP disequilibrium,	10	8	test paper Library	To assess the Components	At last Paper
Nov.	International financial flows FDI & Portfolio Investment Currency convertibility - IMF Role and Functions.	5	4	model exam library	To familiarize, incl. testing few exam model p.	Assignment

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ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan 20-21

Class : 2nd year M.Sc & 3rd year B.Sc Chemistry

Semester : III Sem M.Sc & V & VI Sem B.Sc Chemistry

Subject : Chemistry

Name of teacher : Jai Thomas

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
June 2020	B.Sc : Photochemistry. Reactions of alkenes M.Sc : Pericyclic reactions	9 hours 9 hours	9 hours 9 hours	Class room, online class	Study about the photochemical reactions of certain compounds.	Test paper.
July:	B.Sc : Alcohols. M.Sc : Photochemistry.	12 hours 9 hours	12 hours 9 hours	"	Study of the reactions & reactivity of alcohols.	Test paper Seminars.

August.	B.Sc : Ethers, heterocyclic compounds. M.Sc : Pericyclic reactions	9 hours	"	"	Study of the reactions of ethers & heterocyclic compounds.	Test paper.
September.	B.Sc : Aldehydes & ketones.	12 hours	9 hours	"	Reaction of & industrial applications of aldehydes & ketones.	"
October	B.Sc : Aldehydes & ketones. M.Sc : Oxidation	12 hours 9 hours	3 9 hours	" "	Detailed study of the oxidation reactions of certain chemical compounds.	"
November	M.Sc : Reduction	9 hours	"	"	Detailed study of the reductive reactions of chemical compounds.	"



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 Jai Thomas

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Teaching Plan 2020-21

Class : D₂ Political Science

Semester : III

Subject : Modern world History From AD-1500: II

Name of teacher : Rev. Anna Philip

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
July	Module I World in the First Half of 20 th century → 1 st World war → League of Nations → Russian Revolution → Fascism, Nazism → Second World War	24	24	-	For understanding major historical situations in the modern world.	Assignment Seminar Online Quiz
August	Module II War Developments → Super powers → Military Alliances → End of cold war → Eastern Europe	24	24	-	To understand the changing socio-political and economic atmosphere of the modern world.	Online Quiz Seminar Assignment Discussions

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September	<p>Module III Asian Experiences</p> <ul style="list-style-type: none"> → Neo-colonialism, Korean War → Vietnam War, Arab Unrest → Creation of Israel, Suez Crisis → PLO, Al-Fatah - Hamas → Gulf Wars, Iran-Iraq, wars → Kuwait War 	24	24	-	to understand various historical events in Asia during modern period.	Online Quiz Seminars Assignment
October	<p>Module IV Changing World</p> <ul style="list-style-type: none"> → Emergence of People's Republic → Nationalist Movements in Africa → African National Congress → Globalization 	24	24	-	to analyse the socio-political and economic changes in modern world.	Online Quiz Seminars Assignment Discussions



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Rev Anna Philip

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Teaching Plan 2020-2021

Class : 1st year m.com

Semester : 1st sem

Subject : Business Environment and policy.

Name of teacher : Divya V. P.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
October 2021	Business Environment. meaning, elements, components features, political economical social technological environment	15	15	-	To familiarise students with the concepts of macro economic in which a business organization operates.	Seminar, viva, assign- ment.
November 2021	Structure of Indian economy economic systems, planning, Commission, NITI Aayog, public sector, public sector reforms.	20	20	-	To give an idea about structure of Indian econo- my.	GD, P.Y question paper discussion.

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December	Profile of Indian economy new economic and industrial policy, Recent economic and tax reforms in India, GST and land reforms.	15	15	-	To create an idea about Indian economy and industrial policy.	Assigned seminar
January	FDI problems and conse- quences, FEMA, multi- national corporations, Role and recent trends.	10	10		To understand various aspects of FDI.	GD, Assignment



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St. Mary's College, Sulthan Bathery

Teaching Plan (2020-2021)

Class: BSc. Chemistry

Semester: I

Subject: Complementary Course I: GENERAL CHEMISTRY:

Name of Teacher: Dr. Sanoop A. P.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
June	Analytical Chemistry	12	04		<ul style="list-style-type: none"> ➤ Understand of the theories of volumetric analysis ➤ Understand the principles in the separation of cations in qualitative analysis 	<ul style="list-style-type: none"> ➤ Assignment ➤ Class test ➤ Questions
July	Analytical Chemistry	12	04 (Continuation)	-	<ul style="list-style-type: none"> ➤ Students will acquire a good knowledge on the Methods of expressing concentration, oxidation states, molarity, equivalent mass etc. 	<ul style="list-style-type: none"> ➤ Seminars ➤ Assignments
August	Analytical Chemistry	12	04 (Continuation)	-	<ul style="list-style-type: none"> ➤ Understand about microanalysis and its advantages, errors and double burette methods etc 	<ul style="list-style-type: none"> ➤ Class test ➤ Questions
September	Nuclear Chemistry	06	03		<ul style="list-style-type: none"> ➤ Understand the features of nuclear stability, Isotopes, Isobars and Isotones 	<ul style="list-style-type: none"> ➤ Class test ➤ Questions

Dr. Sanoop A. P.
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					➤ Emission of rays, mass defect	
October	Nuclear Chemistry	06	03 (Continuation)		➤ Understand nuclear reactors, atom bomb, hydrogen bomb and several applications of radioactivity	➤ Class test Questions

St. Mary's College, Sulthan Bathery

Teaching Plan

Class: BSc. Chemistry

Semester: II

Subject: Complementary Course I: PHYSICAL CHEMISTRY

Name of Teacher: Dr. Sanoop A. P.

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
December	Thermodynamics	06	04	-	<ul style="list-style-type: none"> ➤ Definition of thermodynamic terms, The concept of Gibbs free energy, Entropy and Third law of Thermodynamics. 	<ul style="list-style-type: none"> ➤ Assignment ➤ Class test ➤ Questions
January	Thermodynamics	06	02 (Continuation)	-	<ul style="list-style-type: none"> ➤ Students will acquire a good knowledge on the Entropy and Third law of Thermodynamics. 	<ul style="list-style-type: none"> ➤ Seminars ➤ Assignments
January	Gaseous and Solid states	12	05	-	<ul style="list-style-type: none"> ➤ Understand the Kinetic molecular model of gases - Maxwell distribution of velocities and its use in calculating molecular velocities, 	<ul style="list-style-type: none"> ➤ Class test ➤ Questions
February	Gaseous and Solid states	12	04 (Continuation)	-	<ul style="list-style-type: none"> ➤ Understand the Ideal gas equation - Behaviour of real gases - Deviation from ideal behavior 	<ul style="list-style-type: none"> ➤ Class test ➤ Questions
March	Gaseous and Solid states	12	03 (Continuation)	-	<ul style="list-style-type: none"> ➤ Understand the basics of types of solids, defects in crystals, types of conductivity in solids and different types of close packing in crystals. 	<ul style="list-style-type: none"> ➤ Class test ➤ Questions

ST. MARY'S COLLEGE, SULTHAN BATTERY

Teaching Plan

2020 - 2021

Class : D₁ BCA & Maths

Semester : I

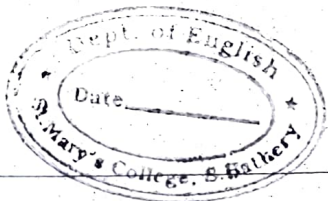
Subject : Wap with Words EN61A02

Name of teacher : Dr. Geetha George

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
July	Appointment in Samarra Shocking Accident	3	3	Nil	Learning language through literature.	learning lecture objective
August	Ode to Autumn - John Keats The House of my childhood - Dilip Chitre	3	3	Nil	Learning language through literature	PPT Lecture & GD
Sept	Old Folks Laugh Maya Angelou Lamb to Slaughter - Grechero Greene	3	3	Nil	Language & literature	PPT Lecture & GD

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October	Once upon a time - Gabriel Okara The Times are A-Changing Bob Dylan	3	3	Nil	Language learning through literature	PPT Lecture GD
November	It used to be Green Once - Patricia Grace	3	3	Nil	Teaching language through literature	PPT Lecture & PPT Seminar.
December December	Revision Lesson	3	3	Nil	Learning language through literature	PPT Lecture Online & GD.



Principal
ST. MARY'S COLLEGE
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Teaching Plan 2020-21

Class : 1st PG

Semester : 1st Sem

Subject : B.E

Name of teacher : Devika T.M (self)

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
Sept.	Business Environment, meaning & elements, components & scope - significance, political, social, economical, Technological.	15 hours	15 hours		To familiarise students with the concept of Macro economic in which a Business Organisation operates.	notes preparation, Seminars.
Oct	Structure of Indian economy, Economic system, Economic Planning, Planning commission & NITI Aayog, Public Sector, changing Relevance, Disinvestment.	20 hours	20 hours		To familiarise basic idea of planning commission, NITI Aayog, Structure of Indian economy	class notes, Seminars.

750

Nov	Profile of Indian economy, Economic & Industrial policy, Recent economic & Tax reforms in India, BSI & land reforms, SEZ, Black money	15 hours	15 hours		Detailed study of Indian economy and GST.	Unit test & Assignment.
Dec.	FDI, Industrial Investment, policy, FDI in retail trade - problems & consequence, FEMA, Multinational corporations, competition law, Import & Export policy	15 hours	15 hours		Familiarise the FDI and competition law	Group discussion.
Jan.	Environment mgt, Degradation of Natural Environment, Types of pollution, National wet land policy, Madhav Gadgil, Jaishree Rangan.	10 hours	10 hours.		Familiarise the environment Mgt and Madhav Gadgil and Jaishree Rangan.	Seminars, group discussion.



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ST. MARY'S COLLEGE, SULTHAN BATHERY

Teaching Plan

Class : BSc Maths

Semester : 3rd Semester

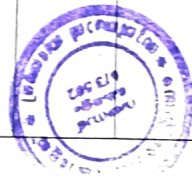
Subject : Problem solving using C CSC303 (20-21) Online.

Name of teacher : Elizabeth Jayalaxmi-M

Month	Topic details	Number of hours allotted	Number of hours engaged	Hours compensated and methods	Learning objective	Class room work to achieve learning objective
July	Intro to C, Structure of C Tokens, Operators Strings	9	9	-	To give basic info about C language	- Discussions - Programmes
August	Control structures, loops	9	9	-	To give info about Control structures and loops	- Lab works - Discussions

7/20/05
750

Sept.	Use deferred functions, Recursion, Structures	10	10	-	To give idea about - Discussions Pointers and data - Lab work, files
Oct.	Pointers Data Files	11	11		Basic details about - Discussion data files - Programmes



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Elizabeth Varghese M J