

Pimpalner Education Society's

Karm. A. M. Patil Arts, Commerce &
Kai. Annasaheb N. K. Patil Science Senior College,
Pimpalner, Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

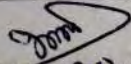
TEACHER'S DIARY


ACADEMIC YEAR : 2018 - 2019

Name : Prof. Dr. B. C. More
Designation : Prof. in Zoology
Department : Zoology



Sr. No.	Month	Topics/Practical's
1	June 18	Introduction to subject Zoology, General life science, benefit of micro-organisms, plants, animals. Give of animal science. Aim is to create interest & awareness amongs the students regarding sub Zoology, Scope - How subject is good for U.P.Sc or M.P.Sc. Introduction of Competitive Exam - relation to Zoology.
2	July.	Unit 1 Kingdom Protoista - General characters and classification up to classes: locomotory organelles and locomotion in Protozoa. Unit 2. Phylum Porifera. General characters & classification up to classes; Canal system in Sycon. Unit 3. Phylum Cnidaria General characters and classification up to classes; Polymorphism in Hydrozoa.
3	Aug.	Unit 4 - Platyhelminthes. General characters and classification up to classes: life history of <i>Taenia solium</i> . Unit 5 - Phy. Hematohelminthes General characters & classification up to classes: life history of <i>Ascaris lumbricoides</i> & its parasitic adaptations Unit 6 - Phy. Annelida General characters & classification up to classes. Metamerism in Annelida.
4	Sept.	Unit 7. Phy. Arthropoda General characters & classification up to classes; Vision, Taxis in arthropods. Metamorphosis in Insects. Unit 8. Phy. Mollusca General characters & classification up to classes, Taxis in Gastropods. Unit 9. Phy. Chelicerata General characters & classification up to classes. Water vascular system in Asteroidea.
5.	Oct.	Revision, Question paper pattern, Test, Internals, Zoology using ICT, Etc.


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Sr. No.	Month	Topics/Practical's
1	June-18	Introduction to Zoology details, Importance of the study in daily life, Scope to get jobs, Future perspectives of the subject. Use of the present syllabus for NET/SET Examination as well as for M.P.Sc. examination. Introduction of the students, isolation of students for monitor. Use of Google for last study etc.
2	July.	<p>Unit 1. Introduction to biochemistry, objectives, scope & imp.</p> <p>Unit 2 - pH & Buffers. Concept of pH & pK, pH value of body fluid, pH scale & significance, Ionization of acids & bases, Henderson-Hassel Balch equation. Buffer - definition, concept, functions, types & use of buffer in Biological system</p> <p>Unit 3 - Molecular interactions - Defn, formation of examples of chemical bonds, covalent bonds, Non-covalent bonds other bonds.</p> <p>Unit 4 - Carbohydrates Defn, classⁿ importance, Monosaccharides, Metabolism physical properties of glucose, chemical properties of glucose Disaccharides, Polysaccharide.</p>
3	Aug.	<p>Unit 5 - Lipids :- Defn, classification, examples, importance, fatty acids saturated, unsaturated, physical & chemical properties. Occurrence and significance of Phospho, Glyco, Lipid, Isoprenoid lipids.</p> <p>Unit 6 - Amino acids - Defn, basic structure, classⁿ & biological importance of a.a. Essential & semi & Non essential a. Non protein a.a., Properties.</p> <p>Unit 7 - Protein - Defn, biological sign^m, classification structure of proteins, Defn - Denature protein.</p>
4.	Sep.	<p>Unit 8 - Enzymes - Defn, types, classⁿ, properties, Mechanism of enzyme action, models, factors affecting enzyme action Coenzymes, Cofactors, prosthetic groups, Isoenzymes, Nucleotides Industrial app^t of enzymes.</p> <p>Unit 9 - Vitamins - Defn, classⁿ, fat soluble A, D, E, K, Water soluble B complex, C; Vitamins Coenzymes</p> <p>Unit 10 - Minerals - Defn, Major minerals - Ca, P, S, Na, Cl, K, Mg, etc.</p>
5.	Oct.	<p>- Question paper pattern, test / tutorial, Seminar, local show etc. Use of ICT in Zoology</p>

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TEACHING PLAN

Class: T.Y.B.Sc. Sem. Vth Subject: Zoology & Palaeontology Paper Code: Zoo-355

Sr. No.	Month	Topics/Practical's
1	June-18	Introduction to Zoology, importance of the subject Use of google to study zoology, Introduction of importance of this subject, syllabus, writing question paper pattern probable timing of the exams, to create interest in the subject.
2	July-	Unit 1: Systematics, Int ⁿ origin, needs, significance of class ⁿ systems of class ⁿ , Nomenclature, Taxonomic hierarchy, Three domain & five kingdom - Monera, Protista, fungi, Plantae & Animalia. Unit 2: Evolution Origin of life - Int ⁿ origin of Universe, Ancient theories of life cycles, Oparin-Haldane theory of origin of life - Miller-Urey's expt., Co-accretion, autotrophism. Unit 3: Theories of organic evolution - Lamarckism, Neo-Lamarckism, Darwinism, Neo-Dar. Modern theory, Mutation theory
3	Aug.	Unit 4: Evolution through ages: Int ⁿ Geological time scale Era, periods and epochs, Antiquity of Man - Primate characters of class ⁿ , Prosimii, Apes - Gibbon, Orangutan, Chimpanzee and Gorilla, Difference between Apes & Man, origin - stages of Proapithecus, Dryopithecus, Ramapithecus, Australopithecus, Homo habilis Homo erectus, Neanderthal, Cro-Magnon, Homo sapiens (modern)
4	Sept	Unit 5 <u>Palaeontology</u> - Introduction, fossils - Def ⁿ process of fossilization, determination of age of fossils, Natural fossils - Unaltered & altered fossils, Types of fossils - Actual remains, Petrified fossils, moulds & casts, Foot prints & trails, Coprolites significance of fossils. Distribution & dispersal of animals - Means, Barriers of dispersal, Distribution of animals, Bathymetric distribution Zoogeographical realm: Def ⁿ types, regions -> Palaearctic region, Nearctic region, Neotropical Ethiopian region, oriental region, Australian region, Wallace line.
5	Oct -	Revision, Exam pattern, ICT, seminar, Test, Tutorial etc.

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TEACHING PLAN

Class: S.Y.B.Sc

Sem.: IV

Subject: Applied Zoology

Paper Code: Zoo-242

Sr. No.	Month	Topics/Practical's
1	Oct 18	<p>Introduction to Zoology, Branches, Scope, Applied & Basic part of Zoology, Syllabus writing brief discussion etc.</p> <p>Unit 1: Introduction to apiculture - scope, history of bee keeping - Bee keeping India & Maharashtra</p>
2	Nov. 18	<p>Unit 2: Systematic Position of bee species, class, Habit & Habitat, Bee species distribution - <i>Apis dorsata</i>, <i>Apis florea</i>, <i>A. cerana indica</i>, <i>A. mellifera</i>, Dasher bees, wild bees</p> <p>Unit 3: Morphology of worker bee. Head, Thorax & abdomen</p> <p>Unit 4: Anatomy of bee - Digestive system, Circulatory system, Respiratory system, Nervous system, Mesenteric system, Reproductive system, Male (Drone), Female (Queen)</p>
3	Dec-18	<p>Unit 5: Colony organization of life cycle, Division of labour the queen, the drone & the workers. Life cycle of honey bee - a) nuptial flight, metamorphosis of caste determination</p> <p>Unit 6: Bee behavior & communications - Nesting behavior of nest architecture, communication in bees - round dance, wagtail dance, cleaning dance, DVAV dance, Massage dance Alarm dance.</p> <p>Unit 7: Bee behavior & communications keeping equipments of apiculture management - Langstroth hive, Newton hive, IST Bee keeping equipments, Procurement of colonies Routine management, Seasonal management, Migration, Queen rearing</p>
4	Jan-19	<p>Unit 8: Bees & agriculture - Importance of bee flora & floral calendar; Bee pollination, bees & sustainable agriculture.</p> <p>Unit 9: Bee diseases and enemies. Bee diseases - viral & fungal - chalk brood & stone brood, Bacterial - American foul brood, European foul brood, Septicemia, Postecan disease, Bee parasites, external parasite - mite, louse Internal parasites - Acarine disease, Bee pest & predators</p>
5	Feb 19	<p>Bee products - Honey - chemical composition, adulteration of honey & economic importance, other products & their uses Pollen, propolis (bee glue), Beewax, Bee venom, royal jelly</p> <p>Test, tutorial, Exam, Q.P. pattern, ICT etc.</p>

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TEACHING PLAN

Class: T.Y. B.Sc Sem.: IVth Subject: Applied Zoology Paper Code: _____

Sr. No.	Month	Topics/Practical's
1	Oct-23	Introduction, use of applied zoology to start business agro based business, to inspire agriculture related students.
2	Nov. 13	Unit 1 - Vermiculture: Scope of vermiculture, advantages earthworm species, Vermicomposting of Vermiwash unit. Vermicomposting types, small scale & large scale vermicomposting physical requirement of vermicomposting, construction of vermiculture unit, KISS plan, construction of Vermiwash unit factors affecting growth of earthworms, earthworm parasites & predators; preventive measures, investment, cost & return.
3	Dec 18	Unit 2 - Poultry: Introduction, scope, importance of poultry farming, species of Hens, improved breeds, American class, Asiatic class, English class, mediterranean class Housing and equipments of poultry, poultry nutrition, Poultry diseases - Viral disease diseases, Bacterial diseases, worms, fungal diseases, Poultry care management, Economic importance of Egg, importance of flesh, bones etc.
4	Jan 29	Fishery: Importance of scope, marine fisheries, Estuarine / Brackish, Aquaculture as an occupation objectives of aquaculture, construction of microtunnels fish culture technique, polyculture, integrated multitrophic aquaculture, mariculture, selection of site, Excavation of ponds, selection of site, nursery ponds, rearing ponds stock pond, common diseases of fish, viral, bacterial, fungal parasites, Methods of preservation - chilling, freezing, freeze drying, smoking, Natural drying, salting, canning & processing.
5	Feb 29	Economic Importance of Fishery - Fishes oil, meal proteins, flour, Ros, solubles, selage, manure guano, Fish skin, glue, scale, Pear glass, medicine, seralitic study, Harmful fishes, Distinctive fishes Injurious fishes.

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TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Dr. Ram Kashinath Petare

Designation : Associate Professor.

Department : Zoology



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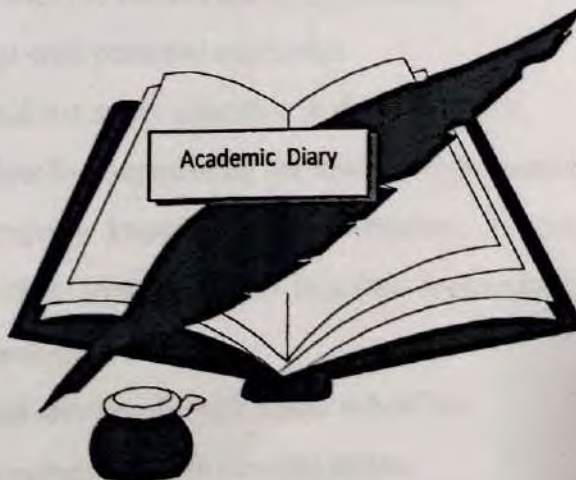
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Dr. Ram Kashinath Petare

Designation : Asso. Professor.


Department : Zoology.




TEACHING PLAN

Class : T.Y.B.Sc. II Sem.: II Subject : Chordates Paper Code. : ZOO-361

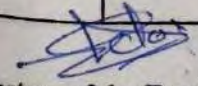
Sr. No.	Month	Topics/Practical's
	<u>Dec. 18</u>	<p>Study of Scoliodon : 08 periods, 04-Marks</p> <p>Systematic Position, Habit & Habitat.</p> <ul style="list-style-type: none"> - External characters, shape size, colour division of the body, - Skin & it's derivatives. - Locomotion, Coelom
	<u>Jan. 17</u>	<p>Internal Structure of Scoliodon - 12 periods, 12 marks</p> <p><u>Digestive system</u> -</p> <ul style="list-style-type: none"> Ⓐ Alimentary canal & associated digestive gland. - Food feeding apparatus. Ⓑ Respiratory system. Respiratory organs, Mechanism, physiology. Ⓒ Circulatory system. Blood - blood vessels & Heart. Circulatory system - Arterial & venous system.
	<u>Feb. 18</u>	<p>Ⓓ Nervous system.</p> <p>CNS, PNS, ANS.</p> <ul style="list-style-type: none"> - sense organs - <p>Urogenital system.</p> <p>male UG sys</p> <p>copulation, fertilization development.</p> <p><u>General topics</u></p>
	<u>March 2019</u>	<p>comparative study of -</p> <ol style="list-style-type: none"> 1) Skin 2) Heart 3) Aortic Arch. 4) Kidney 5) Brain

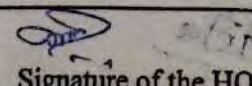

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Sr. No.	Month	Topics/Practical's
	Dec. 18	Animal Type - <i>Columba livia domestica</i> - Introduction, systematic position, habit & habitat - External structure - shape, size, colour, division of the body, skin.
	Jan. 19	- Exoskeleton - claws, beak, feathers. - internal structure -
		- Digestive system - Respiratory system
	Feb. 19	- Circulatory system - Nervous system. - U.G. system.
		- Economic importance of Pigeon.
	March 19	- General Topics -
		- Accessory respiratory organs in fishes.
		- Reptiles of Mesozoic era
		- Adaptations in aquatic mammals.



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Class : IY BSC. Sem.: II Subject : Histology & Physiology Paper Code. : 2003

Sr. No.	Month	Topics/Practical's
	Dec-18	<p><u>Excretory system and excretion</u></p> <p>Definition. Histology of kidney, microscopic study Physiology of urine formation, counter current mechanism of urine concentration Definitions.</p>
	Jan-19	<p><u>Nervous system -</u></p> <ul style="list-style-type: none"> - Meninges, spinal cord - structure & functions - Neurotransmitters. def. Properties types - origin & conduction of Nerve impulse. - Ultrastructure & functions of synapse - Definition.
	Feb-19	<p><u>Sense organs -</u></p> <p>Eye, & Ear - structure and functions of eye & ear. physiology of hearing & vision.</p>
	Feb-19	<p><u>Reproductive system -</u></p> <p>Histology of Testis. - Microscopic structure, male sex hormones & their physiological role Histology of Ovary - microscopic structure, Female sex hormones & their physiological role Reproductive cycles. Definitions</p>
	March 19	<p><u>Endocrine system</u></p> <ul style="list-style-type: none"> - pituitary gland - structure & functions. - Thyroid gland - structure & functions. - Adrenal gland - structure & functions - Endocrine pancreas <p><u>Feedback mechanism</u> - Positive & Negative.</p>


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TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. K. R. Raut
Designation : Associate Prof.
Department : Economics



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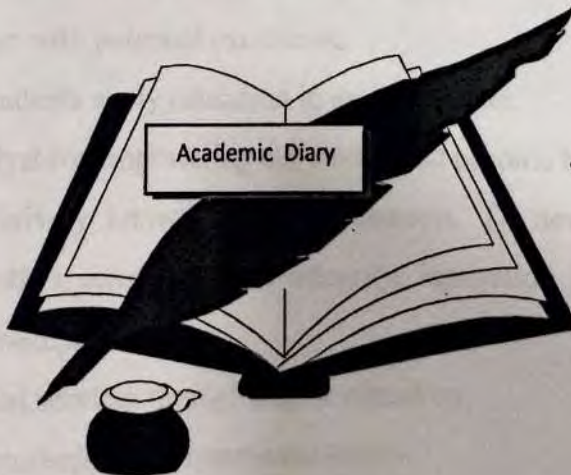
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. K. R. Raut

Designation : Associate Prof.

Department : Economics

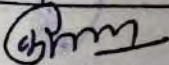


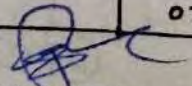
Class: f.y.B.A. Sem.: I Subject: _____

TEACHING PLAN

Paper Code: Eco G-101 [B]

Sr. No.	Month	Chapter	Topics/Practical's	Periods allotted			
01	Jully 2018	Introdu- ction of the Economy	Introduction of subject	01			
			Syllabus writting	01			
			General description of the economy of Maharashtra	02			
			main features of the economy of Maharashtra	02			
			Significance of MH. Economy	01			
			Size & Growth rate of population	02			
			Density of population in MH.	01			
			Rural & Urban Population	01			
			Literacy Rate & Sex Composition	02			
			Unemployment & Poverty in MH.	02			
01	August 2018	-11-	state Employment Promotion Progra.	02			
			Nature, objectives & Progress of M.G.N.E.G.S & other employment Schemes	04			
			state Role in Housing development in Urban & rural Areas	02			
			Human development Programme	02			
			Woman Development Programmes	02			
			03	Sept. 2018	Agriculture Scenario in MH.	Role of Agriculture	02
						main crops & Area Under cultivation	03
						development of Agriculture & Allied Activities in the state	03
						Agriculture productivity - Problems & policies	02
						Indebtness of farmer s	02
Problem of Waiving the debt	02						
development of Irrigation facilities	02						
Government Policy	02						
Dairy Development in MH	02						
04	Oct. 2018	Co-Opera- tive sector in MH.				meaning, Objectives features & Present status of co-operative movement	08
			structure of co-operative financial system in MH.	03			
			Co-Operative marketing features, & objective, Present & future Agenda	04			
			Co-Operative Sugar Industry - Present status & problems	02			
			co-operative movement in MH. Since Reform Era	02			

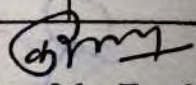

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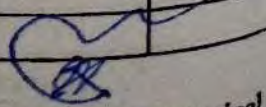
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Class : f.y.B.A. Sem.: II Subject: Economy of MH. SINCE REFORM ERA II Paper Code: Eco-201 [B]

Sr. No.	Month	chapter	Topics/Practical's	Periods allotted
01	Dec. 2018	Introduction of the Economy	Syllabus writing	01
			General description of the Economy	02
			main feature of the economy	02
			factors Affecting the state Indus.	02
			Socio-Economic Effects of Indus.	02
			MIDC, SICOM, MSFC, MSSIDC.	04
			FDI & Industrial Development	01
			Industrial policy of MH.	02
02	Jan. 2019		meaning & Role of infrastructural facilities in MH.	02
			Road & transport, communication facilities	04
			Irrigation & power	02
			Public health & Educational system	02
			Banking & finance	02
			Role of state Government	03
03	Feb. 2019	finance of the state & the Local Govt.	structure of Local Government	03
			financial Position & problems of Local Bodies	04
			Remedies measures for improving the financial Health of Local Bodies	03
			problems of Corruption & inefficiency in The govt. machinery	03
04	march 2019	Governance in MH.	Abuses of corruption in M.H	03
			Right to Information - meaning, Nature, scope, origin & objective	04
			Maharashtra Right to information act. - 2005	03
			state Information Commission - Composition, Powers & functions	04
			A Brief Review of the development of E-Governance Practices in the state	03



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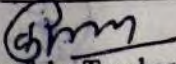


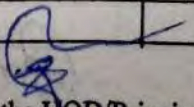
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Class: S-4.B-A G2 Sem.: III Subject: Indian Economy Paper Code: ECO-231
Since - 1980 I

Sr. No.	Month	Chapter	Topics/Practical's	Periods allotted
01	June & July 2018	Nature of Indian Economy	General Introduction about subject Syllabus writing Developing Economy Mixed Economy Natural Resources & Eco. development problem of deforestation Pollution, drinking water problems LPG & structural change	02 01 02 02 04 02 02 03
02	August 2018	Human Resources & development	Population & Economic development Indicators of H.D. unemployment, poverty, Urbanization Recent National Population policy	03 03 06 03
03	September 2018	Infra-structure & development	Energy - importance, sources & crises Types of Transport - Road, Air Water, Railway Irrigation - sources & problems Communication & Information Technology - Types, Development	03 04 02 03
04	Oct. 2018	Agriculture & Indian Economy	Agri - Role & Nature Low Productivity - causes, measures Agriculture finance - importance & sources Agriculture marketing - defects & Remedies problem of farmers - suicide, causes & measures	02 03 03 03 03


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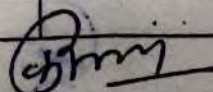
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Class : S-4B-A G2 Sem. IV

Subject : Indian Economy since 1986 - II

Paper Code. : ECO - 241

Sr. No.	Month	chapter	Topics/Practical's	Perbols
01.	Dec-2018	Industrial Sector	discusson about subject	01
			syllabus writting	01
			Role of Industrialization	02
			Role & Problems - SSI	02
			Role & Problems Public sector enterprises	02
			Industrial Disputes, measures to solve them	04
			New Industrial Policy	02
02	Jan. 2019	co-operative sector in Economy	co-operative - meaning, features & objectives	03
			co-operative Banking	02
			functions of PACS, DCCB, SCB	04
			co-operative - sugar Industry	03
			defects in co-operative	02
03.	Feb. 2019	Planning in India	objectives of planning	02
			strategies of planning	02
			Achievements & failures of planning	04
			XII five year plan - Objectives & Allocation	04
04	march 2019	Recent structural change in economy	SEZ - Objectives & Problems	04
			Disinvestment Policy - Advantage & disadvantage	04
			Direct cash transfer scheme	
			features & advantages	03
			food security - Advantages & Limitations	04



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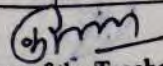


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TEACHING PLAN

Class: T.Y.B.A. Sem.: V Subject: Public finance & Pongres I Paper Code.: Eco-352(A)

Sr. No.	Month	Unit / chapter	Topics/Practical's	Periods allotted
01	June & July 2018	Public finance	Introduction of subject	01
			Syllabus writing	01
			meaning, Nature & scope of public finance	03
			Distinction between P.F. & Private finance	03
			Role of public finance	03
			The principal of maximum social Advantage	04
02	August 2018	Public Revenue	Sources of Public Revenue	01
			Tax Sources	02
			Non Tax Sources	02
			Tax meaning	01
			canons of Taxation	02
			Direct Tax - merits & demerits	02
			Indirect Tax - merits & demerits	02
			Progressive Tax, Proportional Tax	02
			Regressive Tax	01
			VAT	02
			mod VAT	01
			service Tax	01
			Tax capacity - meaning	01
			Importance of taxable capacity	02
			factors determining taxable capacity	02
03	September 2018	Incidence of Taxation & Approaches of Taxation	Incidence of Tax	01
			Concepts of Impact	01
			shifting of Taxes	02
			factors affecting incidence of Tax	02
			prof. Musgrave's Views	02
			The Benefit Approach	02
			Ability to pay Approach	02
			Effects of Taxation	02
			Supply of Resources	02
			Distribution & Economic stabilization	02
04	Govern-ment Intervention	Government Intervention	meaning of Govt. Intervention	01
			Nature of Govt. Intervention	03
			Need of govt. Intervention	03
			Tools of govt Intervention	03

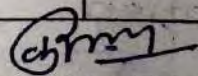

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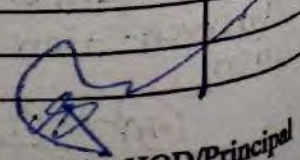

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TEACHING PLAN

Class : I.Y.B.A Sem. : VI Subject : Public finance & policies II Paper Code. : Eco-362

Sr. No.	Month	Unit / chapter	Topics/Practical's	Periods allotted
01	Dec. 2018	Public Expenditure	syllabus writing	01
			subject discussion	01
			meaning of public expenditure	01
			Principles of public expenditure	02
			Revenue & capital Expenditure	02
			Growth of public expenditure	02
			Role of Public Expenditure	01
			objective of public expenditure	02
			effects of public expenditure	03
02	Jan. 2019	Public debt	meaning of public debt.	01
			objectives of public debt	02
			Sources of public borrowing	02
			Burden of public debt	02
			Role of public debt	02
			Public debt management	02
			Repayment of public debt.	02
03	Feb. 2019	fiscal policy	meaning of fiscal policy	01
			objectives of fiscal policy	02
			Instruments of fiscal policy	02
			classical concept of fiscal policy	02
			Modern concept of fiscal policy	02
			Role of fiscal policy	02
04	Mar. 2019	Public Budget & deficit finance	Public Budget - meaning	01
			Types of Budget	02
			Role of Budgetary Policy	02
			Deficit finance - meaning & limitation	03
			Distinction between Deficit Budget & Deficit finance	03
			Role of Deficit financing in developing countries	02

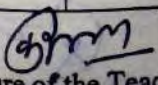

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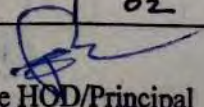

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TEACHING PLAN

Class : f.4. B. Com Sem.: Subject : micro Economics Paper Code. :

Sr. No.	Month	Unit/ chapter	Topics/Practical's	Period Allotted
01	June 2018	microeconomics Some Basics	microeconomics - Definition	
			Syllabus writing	01
			microeconomics - meaning, Definition	02
			subject Matter Importance & limitation	02
			dependent & independent Variables	02
			Indigenous & Exogenous Variables	02
02	July 2018	Demand Analysis	Methods of Representing functional Relationship	02
			meaning & Definition	01
			The Law of demand Exceptions	02
			change in demand	02
			Determinants of demand	02
			Demand forecasting methods & imp	02
03	July 2018	Supply Analysis	Price Elasticity of demand - meaning measurement determinants & import.	02
			meaning, & definition	01
			Law of supply	02
			change in supply.	02
			Determinants of supply	02
			Price Elasticity of supply - meaning, determinants & importance	02
04	Aug. 2018	Indifference curve Ana- lysis of Demand	Properties of Indifference curve	02
			Indifference map: & meaning	02
			marginal rate of substitution	02
			Assumptions of Indifference curve	02
			Price Line, Consumer's Equilibrium	03
			The Production function - meaning	01
05	Aug. 2018	Theory of Production	There The Law of variable Proportions	02
			The Law of Return to scale	02
			Optimum factor combination	02
			Economics of scale (Int & Ex.)	02
			Cost of production - meaning	01
			Accounting cost & Economic cost	02
06	Sept. & Oct. 2018	Productions of cost.	Opportunity cost,	01
			private cost & social cost	02
			Total fixed cost, Total variable cost	
			Average cost, fixed cost.	04
			Long run cost. - Average & marginal cost	02
			Relationship between short run & long run	02
U shaped cost curves	02			


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TEACHING PLAN

Class : f.4.B.Com. Sem.: II Subject : Micro Economics II Paper Code. :

Sr. No.	Month	Unit/ chapter	Topics/Practical's	Periods allotted
1	Dec. 2018	Product Pricing I	Concept of Revenue - Total Revenue, Average Revenue, Marginal Revenue, with curves Perfect competition - meaning, features short Run Equilibrium of a firm Long Run Equilibrium of a firm & Industry Monopoly - meaning, features short run Equilibrium Long run Equilibrium Price Discrimination - meaning Types of price Discrimination Necessary condition Effects	02 01 01 01 01 01 01 01 01 01
02	Jan. 2019	Product Pricing II	Monopolistic competition - meaning monopolistic competition - features short run Equilibrium of a firm Long run Equilibrium of a firm concept & types of product Differentiation selling cost oligopoly - meaning, features Natural causes of Bigness Kinked Demand curve Price Leadership Model Duopoly - meaning, Definition features of Duopoly	01 01 01 01 02 01 01 01 01 01 01
03	Feb. 2019	factor Pricing	Marginal Productivity Theory of Distribution Ricardian Theory of Rent modern Theory of Rent wages, meaning - Real wages, money wages causes of wage Rate collective Bargaining Interest - meaning, Gross & Net Interest liquidity Preference Theory Loanable fund Theory Profit - meaning Gross & Net Profit, Risk & Uncertainty Theory	02 02 01 02 01 01 01 01 01 02
04	MAR. 2019	Micro - economic Policies	Needs of Government - Interventions Modes of Government in mixed Economy Tools of Government Intervention Cost of Government Intervention	02 02 02 02

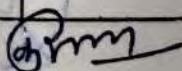
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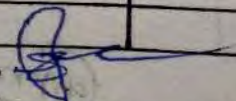
TEACHING PLAN

Class : S.Y.B.Com.Sem.: III Subject : Macro Economics Paper Code.: 0101

Sr. No.	Month	Unit/ chapter	Topics/Practical's	Periods allotted
01	June 2018	Introduction to macro Economics	Syllabus writing	01
			Subject discussion	01
			macro Economics - meaning, Nature	01
			scope Importance & Limitations	03
			Developments in macro Economics	01
			NI, GNP, NNP, GDP, DI	03
			The circular flow of income	01
02	July 2018	The classical Views of macro Economics	full Employment & Unemployment	02
			The Rigidities & flexibilities in price & wages	02
			Saving Investment & Rate of Interest	02
03	August 2018	The classical Theory of Employment & output	money Supply & General Price Level	02
			Says Law of market	02
			Implementation of the classical theory	03
04	August 2018	The modern Keynesian Theory	keynesian criticism of the Says Law of market	03
			Principle of Effective Demand	01
			full employment & under employment Equilibrium	02
			Inflationary & Deflationary Gap	02
			Saving Investment Approach two sector Economy	02
05	Sept. 2018	Investment Multiplier	Paradox of Thrift	01
			process of multiplier-concept	02
			Limitations of Multiplier	02
			Consumption & saving function-mean determinants of consumption function	02
			Concepts of APC, MPC, APS, MPS	02
06	Oct. 2018	Investment function	Keynesian Theory of consumption	02
			Investment function - meaning	01
			Gross & Net Investment	02
			Autonomous Investment	01
			Induced Investment	01
MEC & Rate of Interest	03			



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TEACHING PLAN

Class : S.4.B.Com. Sem.: IV Subject : macro Economics Paper Code. : _____

Sr. No.	Month	Unit / chapter	Topics/Practical's	Periods Allotted
01	Dec-2018	Demand & Supply of Money	discussion about Subject	01
			syllabus writing	01
			meaning & functions of money	01
			supply of money	01
			four measures of money supply	02
			Process of credit creation by CB.	02
			money supply: Quantity Controls	01
			qualitative controls	01
02	Dec. 2018	Demand for money	Demand for money - meaning	01
			Determinants of demand for money	01
			Various motives of demand for money	02
			Fisher's Quantity Theory of money	02
			Keynes liquidity preference theory	02
03	Jan. 2019	Economic Problems	Inflation - meaning	01
			Demand pull - Inflation	01
			Cost push Inflation, Effects of Inflation	03
			Unemployment - meaning, Types of Un.	02
			Philip's curves Analysis	02
			Business cycle phases	02
			measures to control Inflation, Unemployment & Business cycle	03
04	Jan. 2019	Supply side Economic	The central theme	02
			Tax cut & Aggregate Supply	02
			The Laffer curve	02
			critical Evaluation	02
05	Feb. 2019	International Trade	Difference between Internal Trade & International trade	02
			concept of BOT & BOP	02
			Difference between BOP & BOT	02
			meaning & Disequilibrium of BOP	02
			Causes of disequilibrium in BOP	02
06	march 2019	Exchange Rate	Exchange Rate - meaning	01
			Merits & demerits of fixed exchange	02
			flexible exchange rate	02
			Arguments for & against free trade and protection	03
			Convertibility of Indian Rupee	
			on current Account	02


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Pimpalner Education Society's
**Karm. A. M. Patil Arts, Commerce &
Kai. Annasaheb N. K. Patil Science Senior College,**
Pimpalner, Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : BALSANE M. V.
Designation : Associate prof.
Department : History



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Science Senior College Pimpalner, Tal.- Sakri, Dist.- Dhule.



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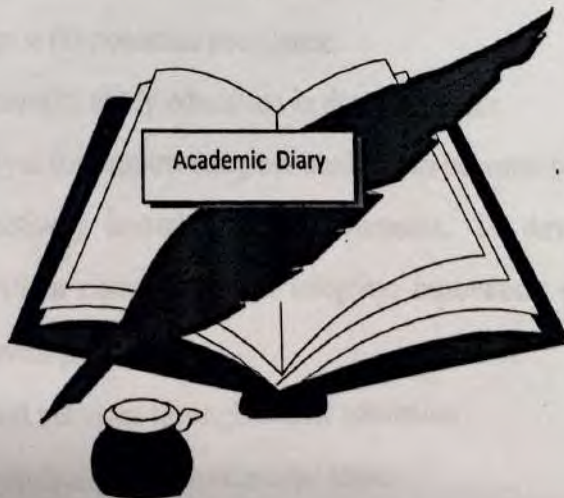
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : BALSANE MANOJ VASANT

Designation : Associate professor

Department : History



Sr. No.	Month	Topics/Practical's
1)	June 2018	Source of ancient India History
2)	July 2018	Indus valley civilization main features
3)	Aug 2018	Vedic period socio Eco political religious life
4)	Sept 2018	Buddhism and Jainism mahayan pada
5)	Oct 2018	Revision / Test / Tutorial seminar

TEACHING PLAN

Class: DYBA Sem.: V Subject: Travel and Tourism Paper Code.: 53

Sr. No.	Month	Topics/Practical's
1)	June 2018	Tourism Nature and Scope Types of Tourism
2)	July 2018	Tourism planning factors Advertising and marketing
3)	Aug 2018	Traveling and Accomodation Facilities in Tourism Tourist places
4)	sept 2018	Tourist places caves, forts, museums piligiam, hillstation, Beaches
5)	oct 2018	Revision Test / Tutorial Seminar's

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TEACHING PLAN

Class: JYBA Sem.: V Subject: Travel and Tourism Paper Code.: 53

Sr. No.	Month	Topics/Practical's
1)	Dec 2018	Tourist Guide Guid work papers, Training
2)	Jan 2019	Tourist Development Agencies I.T.D.C M.T.D.C
3)	Feb 2019	Importance of Tourism Art and Handicraft Sale and purchasing
4)	March 2019	Historical place Visit Tour Test Tutorial (seminar) Revision

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Karm. A. M. Patil Arts, Commerce &
Kai. Annasaheb N. K. Patil Science Senior College,
Pimpalner, Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Sawale Pradip Muelidhas
Designation : Assistant Professor
Department : Dept. of History



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Karm. A. M. Patil Arts, Commerce & Kai. Annasaheb N. K. Patil
Science Senior College Pimpalner, Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Sawale Pradip Muelidhar

Designation : Assistant Professor

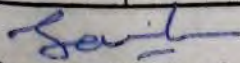
Department : Dept. of History



TEACHING PLAN

Class : F.Y.B.A. Sem.: I Subject : History of India Paper Code : MIS BSC A2

Sr. No.	Month	Topics/Practical's
1	अप्रैल 2021	भा. धार्मिक मुद्रांकन चक्रवर्ती भा. वास्तुशास्त्र, पारितोषिकसमाज नामकृत धिकार शासकसमाज
2	जुलै 2021	भा. नववर्षी, देवदेव, प्रतीकात्मक विंगारकमल भा. लिंग विमर्शक वाडविनाड, नव्या उ. जलप अभिकृतीकरण व वास्तुशास्त्र विमर्शनी नाड प्रकरण. 2-3- 2021 पर्यंतचा कावरेवड भा. भा. निचासुधारक व संस्था भा. आदर्श भा. सामोषणकी उभापतर
3	ऑक्टो 2018	भा. मनाकनारी व जमाकनारी भा. अजरेकी चक्रवर्ती भा. कुंतीनाटक प्रकरण 3-4- गंधनाड व सामाजिक भा. 2 - संवाद भा. शिवांत जलितहाड, कावरेवड व लक्ष्यसमाज
4	ऑक्टोबरे 2021	भा. उल्लेखनी भा. साहित्यिक भा. कावरेवड भा. अक्षर भा. रती


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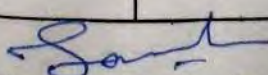
Class: T-4. B1

Sem.: V

Subject: History

Paper Code: _____

Sr. No.	Month	Topics/Practical's
1)	अप्रैल 2-76	साधने १ - मुद्रावन्वीय साधने २ - नामाप्रथित साधने ३ - यज्ञकीय मुद्राकी ४ - नामी
2)	माघ 2-76	मुद्रावन्वीय साधने इतिवर्क १) मुद्रावन्वीय साधने २) मुद्रावन्वीय साधने ३) मुद्रावन्वीय साधने ४) मुद्रावन्वीय साधने
3)	फेब्रुवरी 2-76	सा. व. साधने परीक्षणी १) सा. व. साधने परीक्षणी २) सा. व. साधने परीक्षणी ३) सा. व. साधने परीक्षणी
4)	अप्रैल 2-76	मुद्रावन्वीय साधने १) मुद्रावन्वीय साधने २) मुद्रावन्वीय साधने ३) मुद्रावन्वीय साधने

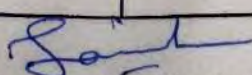

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TEACHING PLAN

Class: E 4. B A Sem.: II Subject: History - 12 Paper Code: (His. 396 A2)
2020-21

Sr. No.	Month	Topics/Practical's	marks
1)	डिसे 2020	पुस्तक- 1 के - गांधी प्रायि राष्ट्रीय कार्य. 5220 नोट अ) म. गांधी के इंडीकोन व पंचायती (विषयसूची) - ब) अकालकांड - चक्रवर्त काश्मीर व परीपार्ल क) कानिभ काश्मीर - चक्रवर्त ड) प्रायिभ स्नाथीकाण्ड	20
2)	जाने 2-2021	इ) चक्रवर्त चक्रवर्त इ) गा. का. सेना (आजाड हिंद सेना) पुस्तक- 2 के सीपुडाथीकाण्ड (बर्म) अ) राष्ट्रीय स्वयंसेवक संघ (R.S.S) क) हिंडी मध्यकाण्ड	20
3)	फेब्रु 2-2021	क) इंडीकोन विषय पुस्तक- 3 के स्वतंत्र्य व आजादी का लड़ाई अ) स्वतंत्र्य व कावपीकांडी लड़ाई	20
4)	मार्च 2-2021	क) कावपी कांडी इंग्लि क) आजादी लड़ाई की निष्पत्ती	



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TEACHING PLAN

Class : 5-Y.B.0 Sem.: Subject : History 42 Paper Code. :

Sr. No.	Month	Topics/Practical's
1	डिसेंबर 2026	<p>प्रारंभिक 7 वे</p> <p>भारतीय लोकहित</p> <p>काव्य</p> <p>उद्देश्य</p> <p>परिभाषा</p>
2	जानेवारी 2026	<p>1) डि. स. परकीय संतापीक</p> <p>2) डि. स. इंग्लिश संत</p> <p>3) डि. स. परकीय संत संत</p> <p>4) डि. स. इंग्लिश संत</p>
3	फेब्रुवारी 2026	<p>डि. स. परकीय संत</p> <p>डि. स. इंग्लिश संत</p> <p>डि. स. परकीय संत</p> <p>डि. स. इंग्लिश संत</p> <p>डि. स. परकीय संत</p>
4	मार्च 2026	<p>डि. स. परकीय संत</p> <p>1) परकीय संत - काव्य</p> <p>2) परकीय संत</p> <p>3) परकीय संत</p> <p>4) परकीय संत</p>

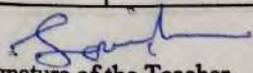

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TEACHING PLAN

Class : T.Y.B.A. Sem.: Subject : History Paper Code. :

Sr. No.	Month	Topics/Practical's
1	डिसेंबर 2022	प्रकरण 1 व 2 - साधने अ) पुनाबीम साधने ब) वाडमणीन साधने क) नापी ड) पत्रकीय प्रवर्तनी
2	2023 ऑगस्ट	मोघल झरोते अ) बलर - मोघल साम्राज्य स्थापन ब) इ.स. 1519 क) तैरेत ड) प्रकरण 2 इ) इंधणी फ) तैमूर ड) इंग्लंड - विचार
3	फेब्रुवारी 2023	आ-धार्मिक परीक्षणी अ) अल-दीवर ब) कुरानाची परीक्षणी ड) तैरि व प्रमाण इ) अक्बरी, बरकत, महारुमा, मुकी संप्रदाय फ) कलर व स्थापन
4	मार्च 2023	मोघल प्रशासन अ) केंद्रीय व स्थानीय प्रशासन ब) इ.स. 1519 ड) इ.स. 1519


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TEACHING PLAN

Core Course
MIL & DSC

Class : F.Y.B.A. Sem.: I Subject : Hindi

Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		<u>GBCS</u>
1	जुन-18	I * पाठ्य क्रम :- कथा-संचयन - संपादक :- डॉ. शिवशरण कौशिक
		II * आधुनिक हिंदी काव्य प्रवाह :- - संपादक :- डॉ. लक्ष्मेश्वर नाथ राय
		<u>MIL</u>
2	जुलाइ-18	सद्गति : मुंशी प्रेमचंद पाजेब : जैनेन्द्र कुमार जैन
3	अगस्त-18	तरवीर : श्रीधर साहनी नौकरी-पेशा : कमलेश्वर शौदा : मोहन राकेश
4	सितम्बर-18	गदल : रांगेय राघव जिनावर : चित्रा मुद्गल
5	अक्टूबर-18	सरहद के इस पार : नासिरा शर्मा प्रश्न :- * समीक्षात्मक प्रश्न * लघु-तरीय प्रश्न * वस्तुनिष्ठ प्रश्न
		* सूचनाएँ : i) प्रत्येक प्रश्नपत्र हेतु 03 प्रातिपदिक (credit) निर्धारित किए गए हैं। ii) 01 प्रातिपदिक हेतु 15 तासिकारे निर्धारित iii) अंगरत 40 वाइय 60 iv) 40 अंक का विभाजन * दो छरक परिसारे 10+10=20 * सेमीनार/समुह-चर्चा/प्रकल्प लेखन/संघ (Home Assignment = 10

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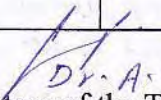
Signature of the HOD/Principal

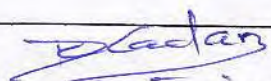
* 3412 प्रति / आचरण = 10 अंक.

TEACHING PLAN

Class : F.Y.B.A. Sem.: II Subject : Hindi Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	नवम्बर-18	* आधुनिक हिंदी काव्य प्रवाह <u>DSC</u> - संपादक : डॉ. ब्रह्ममणेश्वर १९७४ २१५.
		* निर्धारित पाठ्य पुस्तक में से निम्नालिखित कवियों की काविकाएँ अध्ययनार्थ रखी गई हैं :-
2	डिसम्बर	* साथे, वे मुझसे कहकर जाते : मैथिलेशरण गुप्त * वह तोड़ती पत्थर : सुर्यकांत त्रिपाठी 'निशला' * सुख - दुःख - सुमित्रानंदन पंत * गीतकार मर गया - रामधारी सिंह दिनकर * जो खीत गई - हरिवंशराय लच्छन
3	जनवरी-19	* प्रेत का व्यथान - नागाजुन * सूनी-सी साँझ तक - अज्ञेय * गीत- फरोश - भवानी प्रसाद मिश्र * गाँधीजी के जन्मदिन पर - दुष्यंत कुमार
4	फरवरी -19	* प्रौढ़ शिक्षा : धूमिल * पिता - उदय प्रकाश * सात भाइयों के बीच - चम्पा : - कान्यायनी * रिश्ते - अनामिका
5	मार्च-19	* खोज की बुनियाद - सुशीला टाकमोरे * अपने घर की तलाश - निर्मला फुल्ल


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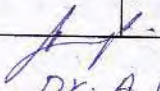
Sr. No.	Month	Topics/Practical's
1	जून-18	* मुग निर्माता जे. आर. डी. टाटा - व्यक्तिगत के 1) टाटा परिवार की पार्श्वभूमि । 2) जे. आर. डी. टाटा का व्यक्तित्व ।
2	जुलाई-18	3) जे. आर. डी. टाटा अशरूवी उद्योगपति । 4) टाटा उद्योग समूह का बीज-वपन । 5) टाटा उद्योग समूह का विस्तार (विविध शाखा) ।
3	अगस्त-18	6) जे. आर. डी. टाटा का देश के विकास में योगदान 7) एकर इंडिया की स्थापना एवं राष्ट्रीयकरण ।
4	सितम्बर-18	8) जे. आर. डी. टाटा की न्यायिता एवं सा. जिम्मेदारी । 9) जे. आर. डी. टाटा विविध पुरस्कारों से सम्मानित । 10) जे. आर. डी. टाटा अर्जुन यात्रा की ओर... ।
		* परोपकारी बिजनेसमैन : अजीम प्रेमजी - 1970-2017
5	अक्टूबर-18	1) अजीम प्रेमजी का व्यक्तित्व. (साधारण व्यक्ति की साधारण कहानी) 2) अजीम प्रेमजी की उद्योग यात्रा का प्रारंभ । 3) विप्रो का उदय और विस्तार । 4) विप्रो के चैयरमैन की जिम्मेदारी । 5) कंप्यूटर बाजार में प्रवेश । 6) अंतरराष्ट्रीय बाजार में प्रवेश । 7) कंप्यूटर बाजार में विप्रो का स्थान एवं महत्व । 8) विप्रो की कार्यप्रणाली । 9) दुनियाई अजीम इति । 10) देश के विकास में अजीम प्रेमजी का योगदान ।

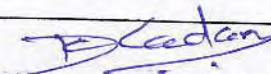
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Class : F.4.0. (em) Sem.: II Subject : Hindi

Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	नवम्बर-18	* पीठय - पुरस्क * बिजनेस कोहिनूर : रतन टाटा-बी.सी. पांडे
		1) टाटा परिवार का इतिहास ।
		2) रतन टाटा का व्यक्तित्व ।
2	डिसम्बर -18	3) रतन टाटा की दूरदर्शिता एवं सपने ।
		4) रतन टाटा का योगदान ।
		5) टाटा समूह का रतन टाटा के नेतृत्व में सफल ।
		6) टाटा समूह का विस्तार ।
3	जनवरी -19	7) आंतरराष्ट्रीय कंपनियों का आधिग्रहण ।
		8) रतन टाटा द्वारा स्थापित विविध ट्रस्ट ।
		9) रतन टाटा को प्राप्त पुरस्कार ।
		10) रतन टाटा की महत्वपूर्ण उपलब्धियाँ
		* कॉर्पोरेट गुरुन नारायण मूर्ति : एन. चौखण
4	फेब्रु-19	1) नारायण मूर्ति का व्यक्तित्व : लाखों युवाओं के लिए आदर्श
		2) रूथामूर्ति की असमर्थ साथ ।
		3) भारतीय सॉफ्टवेयर उद्योग में इनफोसिस का योगदान ।
		4) नारायण मूर्ति का संघर्ष : प्रवाह के विरोधी तैराकी ।
5	मार्च- 19	5) इनफोसिस के विविध विकास-चरण ।
		6) इनफोसिस को प्राप्त सम्मान और पुरस्कार ।
		7) नारायण मूर्ति आदर्श पथप्रदर्शक ।
		8) मूल्याधिकार उद्योग प्रणाली का आदर्श ।
		9) नारायण मूर्ति का सामाजिक योगदान ।
		10) नारायण मूर्ति को प्राप्त विविध पुरस्कार ।


Dr. A. G. Khurda
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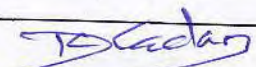
Sr. No.	Month	Topics/Practical's
1)	जुन-18	* काव्य शार-त्र - पाठ्य क्रम *
		① काव्य तथा साहित्य की परिभाषाएं - संस्कृत, अंग्रेजी, तथा हिंदी की प्रचलित परिभाषाओं की व्याख्या ।
②	जुलाई -18	② क) काव्य के हेतु, । ख) काव्य के प्रयास । (भारतीय)
		③ काव्य के तत्व - भावतत्व । बुद्धितत्व । कल्पनातत्व । शैलीतत्व ।
③	अगस्त -18	④ काव्य के भेद :- अ) भेद के आधार * आवणियता । * व्युत्पत्ति ।
④	सितम्बर -18	आ) प्रबंध काव्य :- महाकाव्य एवं खंडकाव्य मुक्तक काव्य, गीतिकाव्य । गजल - (स्वरूप एवं अंग) मुक्तक एवं प्रबंध काव्य में अंतर ।
		⑤ अलंकार :- अ) काव्य में अलंकारों का स्थान
5	अक्टूबर -18	आ) निम्नलिखित अलंकारों का संग्रहण परिचय । ① अनुप्रास ② यमक ③ श्लेष ④ उपमा ⑤ दृष्टान्त ⑥ विरोधाभास ⑦ अनिशयोक्ति ⑧ संदेह ⑨ श्रुतिभास ⑩ उदाहरण

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Sr. No.	Month	Topics/Practical's
1	नवम्बर - 18	* पाठ्य क्रम * (1) शब्द शक्तियों :- उद्भिधा, लक्षणा और व्यञ्जना का सामान्य परिचय ।
2	दिसम्बर - 18	(2) गद्य के भेद : अ) उपन्यास, कहानी, एवं नाटक (स्वरूप एवं तत्वों का सामान्य परिचय) आ) एकांकी, निबंध, संस्मरण, रेखाचित्र, आत्मकथा, जीवनी, दूरदर्शन नाटक रेडिओ नाटक (स्वरूप एवं तत्वों का सामान्य परिचय)
3	जनवरी - 19	(3) रस - श्रंगार, करुण, वीर एवं शांत रस का सादाहरण परिचय । (4) आलोचना - स्वरूप, आवश्यकता एवं आलोचक के गुण । (आलोचना के प्रकार अपेक्षित नहीं) (5) छंद :- अ) छंद का काव्य में स्थान ।
4	फरवरी - 19	आ) निम्नालोकित छंदों का सादाहरण परिचय (1) मात्रिक छंद - दोहा, चौपाई, सोरठा
5	मार्च - 19	(2) वार्णिक छंद - इंद्रवज्रा, शिखरिणी भुजंग प्रयाग * उद्देश्य :- काव्य शास्त्र का सामान्य परिचय कराना * गद्य के विविध विधाओं से परिचित कराना * काव्य के विविध विधाओं से परिचित कराना * आलोचना की क्षमता विकसित करना ।

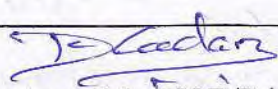
Dr. A. C. Khurd
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Class : S.Y.B.A. Sem.: Subject : Hindi Paper Code. :

Sr. No.	Month	Topics/Practical's
1	जून -18	* कथा सैतु - सं. डॉ. उमाशंकर तिवारी श्रीमती माधुरी सिंह, वाणी प्रकाशन इस संकलन की निम्नलिखित कहानियाँ अध्ययन हेतु निर्धारित की गयी हैं ।
2	जुलाई -18	(1) आकाश दीप - जयशंकर प्रसाद ।
		(2) कफन - प्रेमचंद
		(3) गौंतीन - अज्ञेय
		(4) गदल - रांगेय राधव
3	अगस्त -18	(5) हत्या और आत्महत्या के बीच - शिव प्रसाद सिंह
		(6) डिप्टी कलक्टर - अमरकांत
		(7) रस प्रिया - फणीश्वरनाथ रेणू
4	सितंबर -18	(8) चीफ की दावत - भीष्म साहनी
		(9) दिल्ली में एक मौत - कमलेश्वर
		(10) सुख - काशीनाथ सिंह
5	अक्टूबर -18	* अपठित अंश *
		क) समानार्थी एवं विलोमार्थी शब्द ख) पल्लवण उद्देश्य :- छात्रों को कहानी विद्यार्थे परिचित कराना । कहानियों के माध्यम से जीवन मूल्यों से परिचित कराना - छात्रों में पल्लवण की क्षमता विकसित करना ।


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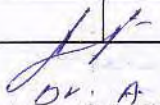
Sr. No.	Month	Topics/Practical's
1	नवम्बर - 18	* पाठ्य क्रम *
		* कुरुक्षेत्र - (श्वषुडकाव्य) - रामधारी सिंह दिनकर
2	डिसम्बर - 18	(1) प्रथम सर्ग (2) द्वितीय सर्ग (3) तृतीय सर्ग
3	जनवरी - 19	(4) चतुर्थ सर्ग (5) पंचम सर्ग
4	फरवरी - 19	(6) षष्ठम सर्ग (7) सप्तम सर्ग
		* अपठित अंश *
-	मार्च - 19	क) पत्र लेखन * आवेदन पत्र : नौकरी, दुरुट्टी सम्बन्धी * शुल्क में रियायत हेतु । * केन्द्रीय हिंदी निदेशालय की वर्तनी संबन्धी नियमावली का ज्ञान । * उद्देश्य १ - छात्रोंको श्वषुडकाव्य विद्या से परिचित कराना । * छात्रों में पत्र-लेखन की क्षमता विकसित कराना । * शुद्ध लेखन की क्षमता को विकसित कराना ।

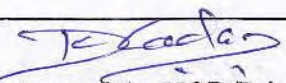
Dr. A. G. Khordt
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Class : T.Y.B.A. Sem.: I Subject : Hindi Paper Code. :

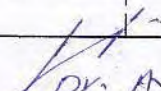
Sr. No.	Month	Topics/Practical's
1	जुन -18	* पाठ्य क्रम * * एकांक - परिमल *
2	जुलाई -18	1) प्रतिशोध - डॉ. रामकुमार वर्मा 2) पिकानिक - विष्णु प्रभाकर 3) सामा - सत्येंद्र शरत
3	अगस्त -18	4) महाभारत की सौंझ - भारतभूषण अग्रवाल 5) रुद्राईक - भुवनेश्वर
4	सितम्बर -18	6) लक्ष्मी का र-वागत - उपेन्द्रनाथ अशक 7) मम्मी ठकुराइन - लक्ष्मीनारायण लाल 8) नये मेहमान - उदयशंकर भट्ट
5	अक्टूबर -18	* व्याकरण * 1) पारिभाषिक शब्दावली 2) अनेक शब्दों के लिए एक शब्द * संदर्भ ग्रंथ * 1) एकांक परिमल - प्र. सं. डॉ. मधुकर स्वराटे विद्या प्रकाशन कामपुर ।



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Class : T.Y.B.A Sem.: II Subject : _____ Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		* पाठ्य क्रम *
		* पाठ्य-पुराणक *
1	नवम्बर - 18	* निबंध मंजरी - प्र. सं. प्रो. डॉ. शिवाजी देवरे
		1) जवान - बालकृष्ण भट्ट.
2	दिसम्बर - 18	2) दौखा - प्रताप नारायण मिश्र
		3) आशा का अन्न - बालमुकुंद गुप्त
		4) देन सिख, सिखयो न मानत - आ. इ. प्र. विदेवी
3	जनवरी - 19	5) सेवा - शिव पुजन सहाय
		6) भाव या मनोविकार - आ. रामचंद्र शुक्ल
4	फरवरी - 19	7) शिक्षा का उद्देश्य - महादेवी वर्मा
		8) अम्मा - नर्मदा प्रसाद उपाध्याय
5	मार्च - 19	* व्याकरण *
		* निबंध लेखन
		* प्रवृत्तियों की समरथा
		* र-वच्छ भारत
		* पर्यावरण प्रवृत्तियाँ
		* बेटी बचाओ, बेटी पढ़ाओ...

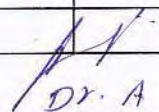

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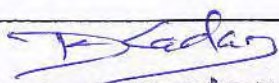

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Class : F.Y. B.Sc. Sem.: II Subject : Hindi Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		* पाठ्य क्रम *
		* पाठ्य - पुराणक
		* दो नाक वाले लोग
		- हरिशंकर परसाई
		1) अकाल-उत्सव
		2) दो नाक वाले लोग
		3) एक के भीतर दो आंखें
		4) सड़े आलू का विक्रोड
		* भाषिक संप्रेषण और साहित्य
		भाषा तथा हिंदी भाषा : भाषा की परिभाषा
		और स्वरूप , हिंदी भाषा के विविध रूप -
		मानुभाषा, राजभाषा, राष्ट्रभाषा,
		विश्वभाषा, हिंदी भाषा का विकासमक
		परीचय ।
		* भाषा और संप्रेषण ।
		= संप्रेषण का अर्थ, संप्रेषण का
		प्रयोजन, संप्रेषण की प्रक्रिया और
		संप्रेषण के प्रकार, संप्रेषण के विविध
		रूप ।
		*


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भारतीय संविधान

Class : F.Y.B.A. Sem.: I Subject : Political Science Paper Code. : C.E. pol-9/01-A

Sr. No.	Month	Topics/Practical's
01	June - July 2018	<p>भारतीय राज्यघटना आणि भारतीय संघराज्य व्यवस्था</p> <p>अ) भारतीय संविधान - ऐतिहासिक परिचय संविधान निर्मिती प्रक्रिया आणि विशेषत्व सरनामां.</p> <p>ब) भारतीय संघराज्य पद्धती - रचना, स्वरूप आणि संघराज्याची विशेषत्व</p>
02	August - Sept 2018	<p>मुलभूत हक्क काव्ये आणि मागदर्शक ताले.</p> <p>अ) मुलभूत हक्क काव्ये - अर्थ, स्वरूप, मूल्य आणि स्तरीय, मुलभूत हक्क आणि कर्तव्यात्मक भेद</p> <p>ब) मागदर्शक ताले - अर्थ, व्याप्ती, स्वरूप, मूल्य, प्रकार, मुलभूत हक्क आणि मागदर्शक तालांमधील भेद</p>
03	Sept - Oct 2018	<p>घटनात्मक मंडळे आणि घटना दुरुस्ती प्रक्रिया</p> <p>अ) घटनात्मक मंडळे आणि घटना दुरुस्ती प्रक्रिया राष्ट्रीय जलपसरण्याक कार्यवाही राष्ट्रीय मानव अधिकार नीती कार्यवाही</p> <p>ब) घटना दुरुस्ती प्रक्रिया : अर्थ आणि मूल्य घटना दुरुस्ती तरतुदी महत्वपूर्ण घटना (दुरुस्ती) 73, 74, 86 आणि 101</p>

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Class : F.Y.B.A. Sem.: II Subject : Political Science Paper Code. : _____

Sr. No.	Month	Topics/Practical's
01	Dec-2018 Jan 2019 20 मार्च	<p>भारतीय शासन (केन्द्र शासी राज्य)</p> <p>अ) केन्द्रीय कार्यकारी मंडळ - रचना, अधिकार कार्य</p> <p>1) राज्यपाल 2) उपराज्यपाल</p> <p>3) पंचायत 4) मंत्रिमंडळ</p> <p>राज्य कार्यकारी मंडळ :- रचना, अधिकार, कार्य</p> <p>1) राज्यपाल</p> <p>2) मुख्यमंत्री</p> <p>3) मंत्रिमंडळ</p> <p>ब) केन्द्रीय कार्यमंडळ - रचना, अधिकार कार्य</p> <p>1) लोकसभा (2) राज्यसभा (3) कार्यनिर्वाह मंत्रिमंडळ</p> <p>राज्य विधिमंडळ :- रचना, अधिकार, कार्य</p> <p>1) विधानसभा, (2) विधानपरिषद</p>
02	Jan Feb 2019 20 मार्च	<p>भारतचे न्यायमंडळ आणि प्रजातंत्र व्यवस्था</p> <p>अ) न्यायमंडळ :- रचना, अधिकार, कार्य</p> <p>1) सर्वोच्च न्यायालय (2) उच्च न्यायालय</p> <p>3) न्यायालयीन पुनर्विचार</p> <p>4) न्यायालयीन समीक्षण 5) जनहित याचिका</p> <p>6) न्यायालयीन सुधारणा</p> <p>ब) प्रजातंत्र व्यवस्था :-</p> <p>1) महाधिवक्ता (2) महासेवापाल (3) लोकपाल</p> <p>4) लोकामुक्त (5) निवडणूक आयोग</p>
03	Feb March April 2019 (20 मार्च)	<p>केन्द्र शासी राज्य संबंध आणि नागरी सेवा</p> <p>अ) केन्द्र शासी राज्य संबंध :-</p> <p>1) कार्यविधयुक्त</p> <p>2) सुत्रात्मिक</p> <p>3) आर्थिक संबंध आणि संघर्ष</p> <p>ब) नागरी सेवा :-</p> <p>अर्थ, ऐतिहासिक पद्धती, अधिकार, कार्य आणि महत्व</p> <p>1) संघ लोकसेवा आयोग</p> <p>2) राज्य लोकसेवा आयोग</p>

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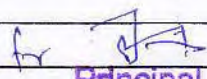
Principal
Kam. A. M. ...
Signature of the HOD/Principal

TEACHING PLAN - 2018-19

Class : S.Y.B.A.G2 Sem.: III Subject : Social political movement in maharashtra Paper Code. : Pol. 231

Sr. No.	Month	Topics/Practical's
01	June - July - August 2018 (13 नाविका)	<p><u>राज्यशोधक चळवळ !</u> -</p> <ol style="list-style-type: none"> 1) राज्यशोधक चळवळ 2) मुस्लिम राज्यशोधक चळवळ 3) राज्यशोधक चळवळीचे परिणाम आणि महत्त्व 4) राज्यशोधक चळवळ आणि सहकारिता
02	August 2018 (13 नाविका)	<p><u>दलित चळवळ !</u> -</p> <ol style="list-style-type: none"> 1) ऐतिहासिक पार्श्वभूमी 2) डॉ. बाळकृष्ण यांच्या पूर्वजरी दलित चळवळ 3) डॉ. बाळकृष्ण यांच्या काळातील दलित चळवळ 4) डॉ. बाळकृष्ण यांच्या मुळाव्या दलित चळवळ 5) दलित चळवळीचे यशापयश :
03	August - Sept. 2018 (13 नाविका)	<p><u>समुदाय. महाराष्ट्र चळवळ !</u> -</p> <ol style="list-style-type: none"> 1) राज्यपुनर्रचना समिती 2) दार कमिशन 3) फंडाल इंग्ली कमिशन 4) ज.व्ही.पी. समिती 5) नागपूर करार 6) समुदाय महाराष्ट्र समिती 7) महाराष्ट्र राज्यपुनर्रचना आयोग 8) मुख्यमंत्री महत्त्व :
04	Sept. Oct. 2018 (13 नाविका)	<p><u>झाडिवासी चळवळ !</u> -</p> <ol style="list-style-type: none"> 1) ऐतिहासिक चळवळ 2) उदय उद्दिष्ट, मुख्यमापन 3) झाडिवासी विचारांसाठी समस्या 4) उपाय : - 1) शासकीय पाठकीकरण प्रथा 2) सामाजिक पाठकीकरण प्रथा 3) झाडिवासी चळवळ सहकारिता

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TEACHING PLAN 2018-19

Class : S.Y.B A.G. 2 Sem.: IV Subject : Administration of MH Paper Code : Pd. 24

Sr. No.	Month	Topics/Practical's
01	Nov Dec 2018 (93 नासिका)	<p>महाराष्ट्रचे संरचना :-</p> <p>1) महाराष्ट्रचे पारदर्शकता :- ऐतिहासिक, भौगोलिक, सामाजिक</p> <p>2) महाराष्ट्र प्रशासनाचे संरचना व संरचना</p> <p>3) विभागाचे कार्य जिल्हाचे संरचना व संरचना</p> <p>4) राज्य सरकारचे संरचना व कार्य</p> <p>5) राज्याच्या मुख्य संघटनात्मक भूमिका</p>
02	Dec 2018 Jan 2019 Feb 2019 (93 नासिका)	<p>जिल्हा प्रशासन :-</p> <p>1) कार्य, महत्त्व, उद्देश्य व कार्य</p> <p>2) जिल्हाधिकारी :- अधिकार, स्थान, कार्य, भूमिका</p> <p>3) कार्यदाता व कार्य सुव्यवस्था :- संरचना, पद्धती व कार्य</p> <p>4) जिल्हा पोलिस अधीक्षक :- भूमिका, अधिकार व कार्य</p>
03	Feb March 2019 (93 नासिका)	<p>ग्रामिण संरचनात्मक प्रशासन :-</p> <p>1) ग्रामपंचायत संरचना :- संरचना, अधिकार, कार्य व कार्य</p> <p>i) ग्रामपंचायत :- ग्रामसंघटनेची भूमिका, कार्य</p> <p>ii) ग्रामपंचायत समिती :- ग्रामसंघटनेची भूमिका</p> <p>iii) जिल्हा परिषद :- मुख्य कार्यकारी अधिकारीची भूमिका</p> <p>2) 73 वी धारा दुसरी ग्रामिण संरचना व कार्य</p>
04	March April 2019 (93 नासिका)	<p>नागरी संरचनात्मक प्रशासन :-</p> <p>1) नागरी संरचनात्मक संरचना :- संरचना, अधिकार, कार्य व कार्य</p> <p>i) नगरपालिका - मुख्य कार्यकारी अधिकारीची भूमिका</p> <p>ii) मजपा - आयुक्ताची भूमिका</p> <p>2) 74 वी धारा दुसरी नागरी संरचना व कार्य</p> <p>3) 74 वी धारा दुसरी नागरी संरचना व कार्य</p>

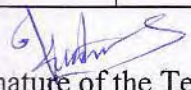
Signature of the Teacher

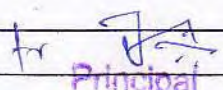
Principal
Kam.A.M.Patil
Signature of the HOD/Principal
Science

TEACHING PLAN 2018-19

Class : S.Y.B.A. Sem.: III Subject : Indian political thought Paper Code : Pol. 243

Sr. No.	Month	Topics/Practical's
01	June July 2018 (93 तांकिना)	<p><u>कोटिल्य !</u></p> <p>① राज्यसंरचनेचे स्वरूप ② राज्याचा समाज विभाग ③ राजा आणि त्याचे सहायक ④ मंत्रि परिषद ⑤ राज्यसंरचना ⑥ संसद विभाग ⑦ राजकारण व नीतिका - परिषद</p>
02	July August 2018 (93 तांकिना)	<p><u>राजा रामोदित राम :</u></p> <p>① कारणीय सुधारणेकर ② समाजिक व धार्मिक सुधारणा ③ शिक्षणसंबंधीचे विचार ④ वृत्तपत्र स्वातंत्र्य ⑤ व्यक्तिगत स्वातंत्र्य ⑥ राजकीय स्वातंत्र्यबाबतचे विचार ⑦ मानवतावाद - परिषद</p>
03	August Sept. 2018 (43 तांकिना)	<p><u>लोकमान्य टिळक :</u></p> <p>① क्रांतिवादी लोकशाहीकर टिका ② जहालवादाबाबतचे विचार ③ क्रांतिकारी राजवादाबाबतचे विचार ④ समाजिक सुधारणाबाबतचे विचार ⑤ स्वदेशी चळवळी, लोकशाही, राष्ट्रीय शिक्षण भावित्वाचा विचार</p>
04	Sept. Oct. 2018 (93 तांकिना)	<p><u>स्वा. विनायक दामोदर सावरकर :</u></p> <p>① कारणीय शिष्टाचार स्वरूपीकरण ② समाजिक सुधारणाबाबतचे विचार ③ व्यक्तिकरण ④ राजावाद ⑤ हिंदू राजवादाबाबतचे विचार ⑥ सामुहिकताबाबतचे विचार - परिषद</p>


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TEACHING PLAN 2018-19

Class : S.Y.B.A S-2 Sem.: IV Subject : Indian Political Thought Paper Code. : _____

Sr. No.	Month	Topics/Practical's
01	Dec-2018 (93 marks)	<p><u>म. गांधी :</u></p> <p>1) स्वतंत्रता का सिद्धांत 2) स्वतंत्रता, विधायक सिद्धांत. 3) स्वतंत्रता के सिद्धांत 4) स्वतंत्रता का सिद्धांत 5) स्वतंत्रता का सिद्धांत 6) स्वतंत्रता का सिद्धांत 7) स्वतंत्रता का सिद्धांत 8) स्वतंत्रता का सिद्धांत</p>
02	Jan-2019 (93 marks)	<p><u>डॉ. बी. आर. आंबेडकर :</u></p> <p>1) स्वतंत्रता का सिद्धांत 2) स्वतंत्रता का सिद्धांत 3) स्वतंत्रता का सिद्धांत 4) स्वतंत्रता का सिद्धांत 5) स्वतंत्रता का सिद्धांत 6) स्वतंत्रता का सिद्धांत</p>
03	Feb-2019 (93 marks)	<p><u>पं. जवाहरलाल नेहरू :</u></p> <p>1) स्वतंत्रता का सिद्धांत 2) स्वतंत्रता का सिद्धांत 3) स्वतंत्रता का सिद्धांत 4) स्वतंत्रता का सिद्धांत 5) स्वतंत्रता का सिद्धांत 6) स्वतंत्रता का सिद्धांत</p>
04	March-2019 (93 marks)	<p><u>मौलाना आजाद :</u></p> <p>1) स्वतंत्रता का सिद्धांत 2) स्वतंत्रता का सिद्धांत 3) स्वतंत्रता का सिद्धांत 4) स्वतंत्रता का सिद्धांत 5) स्वतंत्रता का सिद्धांत 6) स्वतंत्रता का सिद्धांत</p>


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TEACHING PLAN 2018-19

Class : T.Y.B.A. Sem.: IV Subject : ~~modern political~~ ^{Analysis} Paper Code : Pol-353

Sr. No.	Month	Topics/Practical's
01	June July 2018 (13 नासिका)	राजकीय विरलेषण :- क) अर्थ, व्याख्या, स्वल्प आणि वैशिष्ट्य ख) परंपरागत राजकीय विरलेषणाचे इतिहास क) आधुनिक राजकीय विरलेषण :- उदय, अर्थ, स्वल्प आणि वैशिष्ट्य ड) पारंपारिक व आधुनिक राजकीय विरलेषणातले फरक
02	July August 2018 (13 नासिका)	राजकीय व्यवस्था :- क) अर्थ- व्याख्या, व्याप्ती ख) राजकीय व्यवस्थेचे स्वरूप ग) राजकीय व्यवस्थेची व्याप्ती ड) राजकीय व्यवस्थेची वैशिष्ट्ये
03	August Sept. 2018 (13 नासिका)	राजकीय सामाजिकरण :- क) अर्थ, व्याख्या, स्वल्प आणि वैशिष्ट्य ख) राजकीय सामाजिकरणाची प्रक्रिया क) राजकीय सामाजिकरण घडविणारी माध्यमे ड) राजकीय सामाजिकरण आणि राजकीय संरचना
04	Sept Oct. 2018 (13 नासिका)	राजकीय संरचना :- क) अर्थ, व्याख्या, स्वल्प आणि वैशिष्ट्य. ख) राजकीय संरक्षणीय आधारभूत धर्मे क) राजकीय संरक्षणीय फॉर्मस व लक्ष्य प्राप्ती वगैरे ड) राजकीय संरक्षणीय बदल घडवून आणणारी माध्यमे.


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TEACHING PLAN ²⁰¹⁸⁻¹⁹
Analysis

Class : T.Y.B.A. Sem.: II Subject : modern political Paper Code. : PSI-363

Sr. No.	Month	Topics/Practical's
01	Nov-2018 Dec 2018 Jan 2019 (93 नासिका)	राजकीय संरचना :- अ) कथं व्याख्या स्वल्प आणि संक्षेप ब) राजकीय संरचनावर प्रभाव पाडणारे घटक क) राजकीय संरचनाच्या पातळ्या द) राजकीय उदासिनाता, राजकीय दोषकट्टी व राजकीय जलवायू
02	Jan Feb 2019 (93 नासिका)	राजकीय क्षेत्राजण आणि राजकीय नेतृत्व :- अ) राजकीय क्षेत्राजण :- 1) कथं व्याख्या स्वल्प व संक्षेप 2) क्षेत्राजण निर्दिष्ट प्रकार आणि विविध स्तर ब) राजकीय नेतृत्व :- 1) कथं व्याख्या, नेतृत्वाचे स्वरूप 2) राजकीय नेतृत्वाचे गुण आणि वैशिष्ट्य 3) राजकीय नेतृत्व आणि आपत्तिका 4) राजकीय नेतृत्व आणि विचारधारा
03	Feb - Mar 2019 (93 नासिका)	राजकीय संसूचन :- अ) कथं व्याख्या आणि कार्य ब) संसूचनाचे स्वरूप क) वृत्त आणि प्रसाधनसमिती आणि द) लोकमत :- 1) लोकमत स्वच्छतेचे प्रश्न 2) लोकमतमधील बदल
04	March April 2019 (93 नासिका)	राजकीय बदल, राजकीय विकास आणि राजकीय आधुनिकीकरण :- अ) राजकीय बदल :- कथं व्याख्या, राजकीय बदलात कारणीभूत घटक ब) राजकीय विकास :- कथं व्याख्या, स्वल्प आणि संक्षेप, राजकीय विकासाचे विविध स्तर क) राजकीय आधुनिकीकरण :- कथं व्याख्या, वैशिष्ट्य, राजकीय आधुनिकीकरणाचे माध्यम, राजकीय आधुनिकीकरणाचे स्वरूप.

Signature of the Teacher

Principal
Karm.A.M.Patil Arts Comm &
Sci. College, Pimpri
Signature of the HOD/Principal

TEACHING PLAN

Class : FYBA Sem.: 1 Subject : वाऽमय प्रकाराच्या अफवाळ कथा Paper Code. : _____

Sr. No.	Month	Topics/Practical's
	जून 2016	वाऽमय प्रकार कथा - निवडक कथा अ) अध्यात्म अध्यापनाची उद्दीष्टे - कथा स्थापना काय - कथा, वाऽमयाचे द्वार वाऽमय प्रकारापूर्वी वेगवेगळे - कथेचे मुख्य धारक - कथांक प्रसंगवर्णन, भाषा, विवेदन शैली - वाऽमय स्थिति - संक्षेप व्यक्तिचित्रण - मराठी कथेचे प्रमुख प्रकार, मराठी कथेतील प्रमुख - कालावधि
	जुलै 2016	ब) धारक निवडणे - निवडक कथा अधीन कथांचे स्वरूप व वैशिष्ट्ये - निवडक कथांमधील सांवादीक जाणीवा व संक्षेप - निवडक कथांमधील विविध व्यक्तिरेखा - निवडक कथांमधील कथांची भाषा शैली - निवडक कथांमधील मूल्य संस्कार
	ऑगस्ट 2016	
	सप्टेंबर 2016	- निवडक कथा या कथासंग्रहाला प्रारंभ - स्त्रीचा हत्यका - हत्यका पाठ - कुशावली - राजसंघात - मूक कथा खलिल मिर्झा - अक्षु-वि-क-24 - नागीण - चरणा कागल - स्वर्ग - अनिल सुवर्कर - दूधदुग्धी - विशार घारपड
	ऑक्टोबर 2016	- स्फोट - जयंत नाळीकर - पंढरीची वार - चंद्रकुमार नलगे - दुर्गादेवता खोला - प्रतिभा इंगोले - इंगरा शक्ति पांडे - - पंडित - श. रा. राणे
	नोव्हेंबर 2016	वाऽमय प्रकाराच्या अफवाळ कथा - कविता - सेमी-ग्र अ) अध्यात्म अध्यापनाची उद्दीष्टे - काव्यसंवादात कवितेचे धारक, प्रकार, स्वरूप व वैशिष्ट्ये - मराठी काव्याचा प्रकार, खान्देशी परंपरेचा आगमन
	डिसेंबर 2016	ब) कविता धारक विश्लेषण - कथा सांगण्याच्या कविता - प्रकाश विनगावकरांच्या कविता - प्रकाश विनगावकरांच्या कवितातील जीवन, रोजगरी जीवन
	जानेवारी 2017	- अशोक कोतवाले - परिचय - अशोक कोतवालींच्या कविता - अशोक कोतवालींच्या कवितांमधील गारा जाणीवा - अशोक कोतवालींच्या काव्यातील अहंकार - अशोक कोतवालींच्या काव्यातील भाषा शैली

Signature of the Teacher

प्राचार्य
 Signature of the HOD/Principal
 प्रिन्सिपल
 विद्यार्थी ना. सादर मि. पुणे

TEACHING PLAN

Class : S.Y.B.A Sem.: 3 Subject : वाङ्मय प्रकाराच अस्मान् Paper Code. : _____

Sr. No.	Month	सामान्य स्तर Topics/Practical's
		(G 2)
		सामान्य स्तर Topics/Practical's
	जून 2014	अध्ययन अध्यापनाचे ध्येय :- कादंबरी: स्वरूप धारण व प्रकाश - मराठी कादंबरीची वाटचाल
	जून 2014	- कादंबरी वाङ्मय प्रकाराचे वेगळे पणे - चर्चा
	ऑगस्ट 2014	- लेखक प्रभाकर पेंढारकर - चर्चा - कादंबरी या वाङ्मय प्रकाराची ओळख - चर्चा - लेखकांचे काम ची भूमिका समजावणे
	सप्टेंबर 2014	- आधुनिक काळातील कादंबरीच्या प्रकाश समजावणे
	ऑक्टोबर 2014	प्रभाकर, पेंढारकर यांच्या 'शरंग हांग' कादंबरीची चर्चा - कथानक, आशय, व्यक्तिरेखा, प्रसंग, संघर्ष, संवाद, भाषाशैली चर्चा
		सोमि 08 - वाङ्मय प्रकाराच अस्मान (S.Y.P.A G 2)
	नोव्हेंबर 2014	- मराठीतील आत्मचरित्र - आत्मकथनेचे स्वरूप - मराठीतील आत्मकथनेचे महत्त्व
	डिसेंबर 2014	- मराठीतील पुरुषांची आत्मकथने - आत्मकथनेचे स्वरूप - वैशिष्ट्य - 'मानी परब व आकाश' - शान्तिवर मुळे या आत्मकथनेचे साहित्यातील वेगळे पणे
	जानेवारी 2015	- आत्मकथनेचे महत्त्वाचे काम! आत्मकथनेचे चरित्र, आत्मकथनेचे - लसेच कादंबरी, कथानक, गालक व आत्मकथनेची व्याख्या
	फेब्रुवारी 2015	- 'मानी परब आणि आकाश' या आत्मकथनेची चर्चा
	मार्च 2015	- 'मानी परब आणि आकाश' या आत्मकथनेची भाषाशैलीची चर्चा - 'मानी परब आणि आकाश'ची उजळणी / चर्चा - 'मानी परब आणि आकाश' यावर क्वेश्चन परीक्षा - 'मानी परब आणि आकाश' यावर - चर्चासत्र



प्राचार्य

Signature of the Teacher


कर्म. आ. मा. पाटील कला, वाणिज्य व
संस्थांचे एन. के. माटीय विद्यालय, मुंबई
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विपळनेर ता. साईजी. मुळे

TEACHING PLAN

Class : S.Y.B.S.C Sem.: 3 Subject : महानि विज्ञान Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1	जून 2017	— चरित्र म्हणजे काय साहित्याचे लेखनाची वैशिष्ट्ये लिपिबद्ध वृत्त चरित्र वाङ्मय कथानक व्यक्तिचित्रण, प्रसंगवर्णन संघर्ष साधारणी
	जुलै 2017	— चरित्र वाङ्मयाचे स्तर वाङ्मय प्रकारेच्या अखेरीस वेगळापणा
	ऑगस्ट 2017	— चरित्र - आयचरित्र यातून मिळवता येणाऱ्या प्रेरणा
	सप्टेंबर 2017	— डॉ. ए.पी.जे अब्दुल कलाम यांचा अग्निपेख ह्या पुस्तकातील जीवन प्रवास तसेच संशोधन कार्य
		→ अग्निपेख यातील डॉ. ए. पी.जे अब्दुल कलाम यांचे कुटुंबीय जीवन तसेच त्यांचे व्यक्तिचित्रण, प्रसंगवर्णन तसेच संघर्ष वर्णन
		→ (अग्निपेख) यातील साधारणी वैज्ञानिक हस्तिकेण
		→ (अग्निपेख) यातील डॉ. ए.पी.जे अब्दुल कलाम यांचा विज्ञानवादी हस्तिकेण व राष्ट्र विषयक हस्तिकेण
	ऑक्टोबर 2017	— अग्निपेख यातील साधारणी — अग्निपेख यातील डॉ. ए.पी.जे अब्दुल कलाम यांचा राष्ट्र विषयक हस्तिकेण
सेप्टेंबर-४ महानि वाङ्मय - 2017		
	ऑक्टोबर 2017	→ नाटक म्हणजे काय → नाटक स्वरूपनेत्र फर्मा — नाटक एक वाङ्मय प्रकार फर्मा
	डिसेंबर 2017	— नाटक वाङ्मय — नाटक व्याख्या — नाटकाचे घटक — काथाजुद्ध व्यक्तिचित्रण - संघर्ष व आघातबोली
	जानेवारी 2018	— नाटकाचे प्रकार - सामाजिक ऐतिहासिक दलित, राजकीय — नाटकातील शोकात्मिका, स्वरूप व वैशिष्ट्य — मराठी नाटकांचा इतिहास
	फेब्रुवारी 2018	ब] घटक विश्लेषण — नटसम्राट नाटकाचे कथानक — नटसम्राट मधील आपसावेब वेतवद्धर फावरी न इतर व्यक्तिरेखा
	मार्च 2018	— नटसम्राट - या नाटकाचे संवाद व आघातबोली — नटसम्राट - या नाटकातील संघर्ष — नटसम्राट - एक कुटुंबीय शोकात्मिक — नटसम्राट या नाटकातील समाजदर्शन व जीवन दर्शन

Signature of the Teacher


 प्राचार्य
 Signature of the HOD/Principal

डॉ. अज्ञाना. एन. के. फाटील
 विप्लवनेर ना. सततम वि. पुळे

TEACHING PLAN

Class : F.Y.B.com Sem.: 1 Subject : वाचनमौखिक परीक्षा Paper Code.: _____

Sr. No.	Month	Topics/Practical's
	जुलै 2019	अ] घटक विश्लेषण - ललित गद्य या कृत्रिम प्रकारचा परिचय - ललित गद्य म्हणजे काय व प्रकार तसेच वैशिष्ट्ये - मराठी ललित गद्याची पंथपरा
	ऑगस्ट 2019	ब] घटक विश्लेषण → इटली आर्टिस्ट आणि मी मधील निवडक लेखकांचा आराध - इटली आर्टिस्ट आणि मी मधील अनुभव मांडणी
	सप्टेंबर 2019	- इटली आर्टिस्ट आणि मी मधील लेखकांची वैशिष्ट्ये - इटली आर्टिस्ट आणि मी मधील पंथपरा प्रसंग
		वर्णन - इटली आर्टिस्ट आणि मी मधील व्यक्तींचा तसेच सामाजिक वास्तविकी व व्यवसाय गणित
	ऑक्टोबर 2019	- इटली आर्टिस्ट आणि मी लेखकांची उद्योग जगतगीत यशाचा आलेख, भाषाशैली, संदर्भ. - इटली आर्टिस्ट आणि मी मधील सर्वपूर्ण व्यक्ति
सेमिस्टर-2 उपमोजित परीक्षा		
	नोव्हेंबर 2019	ग घटक लेखन केशल्याचा आविष्कार → लेखन केशल्य म्हणजे काय - लेखन केशल्य विकसित करण्याचे तंत्र - लेखन आविष्काराचे प्रकार
	डिसेंबर 2019	- निबंध लेखन व निबंध लेखनाची पूर्णतयारी. सांक्षिप्त लेखन सांगितलेल्या नाची उपयुक्तता उताऱ्याचे आकलन आकलनाचे स्वरूप व तंत्र उपयोजन - वाचन केशल्य व विकसित करण्याचे घटक व वाचनाची सज्जपेक्षा - वाचन करताना दृष्ट्याची काळजी
	जानेवारी 2020	घटक-2 संवाद केशल्य - संवाद म्हणजे काय? संवाद केशल्याची उपयुक्तता, प्रकार, भाषण वादविवाद कंपनीच्यासभा परिसंवाद, मुलाखत
	फेब्रुवारी 2020	घटक-3 वृत्तपत्र प्रकार माध्यमासाठी लेखन वृत्तपत्र प्रसारमाध्यम स्वरूप व वैशिष्ट्ये वृत्तपत्रे माध्यमासाठी लेखन → वातमी लेखन स्वरूप व तंत्र वृत्तपत्र वातमी लेखनाचे उपयोजन वृत्तपत्रासाठी पत्रलेखन स्वरूप आणि तंत्र
	मार्च 2020	घटक-4 परिभाषा व पारिभाषिक संज्ञांचे उपयोजन - परिभाषा म्हणजे काय? परिभाषिका, वैशिष्ट्ये परिभाषिकांचे उद्देश्य उपयुक्तता पारिभाषिक संज्ञांचे उपयोजन स्वात्मिक मंडेग - व्यवसायिक, माहिती तंत्रज्ञान व पारिभाषिक संज्ञा

Signature of the Teacher

Signature of the HOD/Principal

डॉ. अ. मा. पाटील कला, वाणिज्य व व्यवसाय शाखा
वि. अ. मा. पाटील विद्यालय महाविद्यालय
वि. अ. मा. पाटील ता. साक्री जि. पुणे

TEACHING PLAN

Class : T.Y.B.A Sem.: 5 Subject : मराठी सामान्य साहित्य Paper Code. : _____

Sr. No.	Month	Topics/Practical's
		(जा. 3)
	जुलै 2019	<p>अ) अध्यायान आणि अध्यापनाची उद्दिष्टे.</p> <p>- नाटक या वाङ्मय प्रकाराचे स्वरूप, जाणून घेणे.</p> <p>- नाटकान्ये घटक व ज्ञानक व्यक्तिचित्रण, संघर्ष संवाद आणि भाषा-शैली इ. घटक समजून घेणे. मराठी नाट्येतिहासात खण्ड असलेल्या पौराणिक ऐतिहासिक सामाजिक आश्रमिणी</p>
	ऑगस्ट 2019	<p>- दलित आणि स्त्रीवादी नाट्य प्रकारांचा परिचय करवून देणे.</p> <p>- सुशात्मिका शोमिका इ. नाट्य विश्लेषणाचा परिचय करवून देणे.</p>
	सप्टेंबर 2019	<p>- नाटक : एक वाङ्मय प्रकार याची स्वरूप व वैशिष्ट्ये याची</p> <p>- नाटक व इतर वाङ्मय प्रकार यांच्यातील नाटकाने वेगळेपणा</p> <p>- अक्षांतर : नाटकाने लेखक जयंत पवार यांचा नाटककार म्हणून परिचय देणे. नाटकांचा अर्थशास्त्र</p>
	ऑक्टोबर 2019	<p>- अक्षांतर : कथानक आणि भांडणी</p> <p>- अक्षांतर : व्यक्तिरेखा प्रकृती निर्मिती व भाषण जीवन संघर्ष</p> <p>- अक्षांतर : समलयाप्रधान नाटक, संवाद व भाषा शैली व संघर्ष शीर्षकाची साधकता.</p>
	नोव्हेंबर 2019	<p style="text-align: center;">मेमिटर - 2 मराठी सामान्य साहित्य मालिका गद्य</p> <p>अ) अध्यायान व अध्यापनाची उद्दिष्टे.</p> <p>- ललित गद्य या वाङ्मय प्रकाराचे स्वरूप गद्याची पूर्वपदा वाङ्मय प्रकारातील अनुभवांची भांडणी आणि अविष्कार पद्धती समजून घेणे.</p> <p>- ललित गद्य लेखनातील अनुभवांची तरलता व संवेदनाचे आकलन करणे घेणे.</p>
	डिसेंबर 2019	<p>- ललित गद्यातील घटना, प्रसंगातील काव्य नाट्य आणि जीवन संघर्षाचे स्वरूप समजून घेणे.</p> <p>- साहित्य अकादमी पुरस्कार प्राप्त साहित्याच्या स्थूलपरिचय</p>
	जानेवारी 2020	<p>- साहित्य अकादमी पुरस्कार स्वरूप समजून घेणे.</p> <p>* घटक विश्लेषण :</p> <p>- ललित गद्य या वाङ्मय प्रकाराचा परिचय.</p> <p>- ललित गद्य म्हणजे काय? व वाङ्मय प्रकार व त्यांची वैशिष्ट्ये</p>
	फेब्रुवारी 2020	<p>- मराठी ललित गद्याची परंपरा</p> <p>2) साहित्य अकादमी पुरस्कार प्राप्त साहित्याचे निवड ललित गद्य ललित गद्याचे आकलन अभ्यास व स्वरूप.</p>
	मार्च 2020	<p>- साहित्य निवडक ललित गद्य यांचे स्वरूप आणि अभिव्यक्ती यांचेवरील प्रसंगभाषा शैली निवडक ललित ग्रंथ : वैशिष्ट्ये.</p>

Signature of the Teacher


 प्राचार्य
 Signature of the HOD/Principal

म.जा.म.पा.टी.अ. विद्यापीठ, मुंबई
 महाविद्यालय
 पिंपळनेर, मुंबई जि. पुणे

Pimpalner Education Society's

**Karm. A. M. Patil Arts, Commerce &
Kai. Annasaheb N. K. Patil Science Senior College,
Pimpalner, Tal.- Sakri, Dist.- Dhule.**



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Dr. Pradip Sandurang Talware

Designation : Associate Professor.

Department : CHEMISTRY.

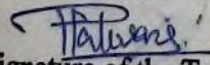


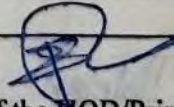
TEACHING PLAN

Core course - A-1 (Sem-I)

Class: F-7-B-Sr. Sem.: I Subject: Org. & Inorg. Chemistry Paper Code.: CH-102

Sr. No.	Month	Topics/Practical's
1)	15 th July 2018	<p>Chapter-2) Hydrocarbons - Alkanes - Introduction, nomenclature, preparation of alkanes - by Wurtz reaction, by hydrogenation of alkenes, Reactions of alkanes - Halogenation, Combustion.</p> <p>Alkenes - Introduction, Nomenclature, preparation of alkenes - by dehydration of alcohols, dehydrohalogenation of alkyl Halides, Reactions of alkenes - Addition of halogen, Hydrogen halide and hydration.</p> <p>Alkynes - Introduction, Nomenclature, Preparation of alkynes - by double dehydrohalogenation of vicinal and geminal dihalides, by alkylation of acetylene. Reactions of Alkynes - Addition of halogens, hydrogen Halides, hydration.</p>
2)	August 2018	<p>Chapter-1) Introduction to Organic Chemistry - Introduction, General properties of organic compounds, applications of organic compounds in everyday life. Benzene and its stability, Huckel's Rule of Aromaticity, nomenclature of derivatives of benzene.</p> <p>Structural effects - Inductive effect, resonance effect, hyperconjugation, steric effect, electrostatic effect, Fission of covalent bond - Homolytic and Heterolytic fission, types of reagents - Electrophiles & nucleophiles</p> <p>Types of organic reactions - Addition reⁿ, elimination reⁿ, Substitution reⁿ & Rearrangement reactions</p> <p>Chapter-3) Haloalkanes and Haloarenes -</p> <p>Haloalkanes - Introduction, classification, nomenclature, mono halogen derivatives - classification, methods of Preparation - from alcohols (using HX, PCl₅, PCl₃, SOCl₂)</p> <p>Reactions - with aqueous alkali, sodium alkoxides, alcoholic KCN, silver salt of acid, alic ammonia, NaSH/KSH, dehydrohalogenation, formation of Grignard's reagent. Dihalogen derivatives - Preparation of vicinal & geminal dihalides, reactions - hydrolysis with aqueous NaOH.</p> <p>Haloarenes - Introduction, Nomenclature, reactions of haloarenes - Nucleophilic substitution, Reaction with HONH_2, KNH_2, NaNH_2, NH_3, CuCN, Villmeyer Reaction</p>


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TEACHING PLAN

Class : B.A. B.Sc. Sem.: I Subject : Org. & Inorg. Chemistry Paper Code. : CH-102

Sr. No.	Month	Topics/Practical's
3)	September 2018	<p>Chapter-4) Alcohols, Phenols and Ethers -</p> <p><u>Alcohols</u> - Introduction, Classification, nomenclature, methods of preparation - from Grignard's reagent by reduction of aldehydes and ketones, physical properties of alcohols, Reactions of alcohols - reaction with active metals, dehydration, oxidation.</p> <p>* <u>Phenols</u> - Introduction, Nomenclature, acidity of phenols, preparation of phenol from Birkner sulphonic acid, benzenediazonium chloride, Reactions of phenols - ester formation (acylation), formation of aryl ethers.</p> <p>* <u>Ethers</u> - Introduction, classification, Nomenclature, methods of preparation - by Williamson's synthesis, by dehydration of alcohols, from diazomethane.</p> <p>Reactions of Ethers - reaction with hot and cold H_2, Hydrolysis with dil. H_2SO_4.</p>
4)	October 2018	<p>Chapter-5) Ionic Equilibria - Strong & weak acids & bases, degree of dissociation, dissociation constants of acids and bases, pH and pOH, ionic product of water, Buffer solutions - Definition, types, Henderson equation, buffer action, buffer capacity, numericals, + applications of buffer solutions.</p> <p>Chapter-6) VSEPR theory and Shapes of Covalent molecules - Sidgwick-Powell theory, VSEPR theory - assumptions, need of the theory, effect of lone pairs and electronegativity. Applications of VSEPR theory to explain (a) Geometry of molecules containing bond pair of electrons: BeF_2, BF_3, CH_4, PF_5, SF_6, IF_7. (b) Geometry of molecules containing lone pairs as well as bond pair of electrons: $SOCl_2$, NH_3, H_2O, SF_4, ClF_3, XeF_2, XeF_4, IF_5.</p>


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TEACHING PLAN

Class : S.Y.B.Sc. Sem.: I Subject : Org. & Analytical Chem. Paper Code : CH-232

Sr. No.	Month	Topics/Practical's
1)	June 2018	Part-1) Organic chemistry & Analytical chemistry - Syllabus writing, & brief explanation on each topic. - Questions answers on topic & weightage of topic discussed.
2)	July 2018	Part-1) Organic chemistry - ch1) Stereoisomerism - (a) Geometrical isomerism, conditions for geometrical isomerism, Nomenclature system cis-trans, E and Z, syn and anti isomers for Oximes. (b) Types of stereoisomerism (c) Projection formulas - Fischer projection formula, Newman projection formula, Saw-Horse formula, (d) Optical Isomerism - Optical activity, enantiomerism, chiral centre, and chirality, Elements of symmetry, dextro-rotatory levorotatory, configuration - R/S Nomenclature system. (e) Conformational Isomerism in ethane, propane and n-butane with energy Profile diagram.
3)	July 2018	Chapter-2) Amines → (a) Aliphatic Amines - Introduction, classification, Preparation of Amines, from alkyl Halides, by reduction of nitriles and cyanides, Gabriel-phthalimide synthesis by alkylation of primary & secondary amines, Reduction of isocyanides, physical properties of Amines, Basicity of Amines - Reactions - formation of salts, Reaction with HNO_2 , acylation, carbonyl amines, formation of salts, Reaction with HNO_2 , reaction with aldehydes & ketones, nicotine-water system. (b) Aromatic Amines - Preparation of Aniline - from chloro-benzene and nitrobenzene, Basicity of Aromatic Amines, Reactions - Benzoylation, N-alkylation, preparation of Benzene diazonium chloride, Reactions of Benzene diazonium chloride, formation of iodobenzene, Sandmeyer reaction, Azo-coupling Reaction.
4)	August 2018	Chapter-3) Organometallic Compounds - (a) Nomenclature - Carbon-metal bond in organometallic compounds. (b) Preparation of organolithium compounds. Preparation of alcohols from organolithium compounds. (c) Preparation of organocuprate compounds, & synthesis of alkanes Reformatsky Reaction, (d) Preparation of organozinc compounds, synthesis of cyclopropanes using R_2ZnX_2 (The Simmons-Smith reaction.)



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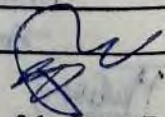

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TEACHING PLAN

Class : S-Y.B-S Sem.: I Subject : Org. & Analytical Paper Code. : CH-232

Sr. No.	Month	Topics/Practical's
5)	August 2018	Part-II > Analytical chemistry. Chapter-1 > Introduction to Analytical chemistry
6)	September 2018	a) Analytical chemistry - Introduction to Analytical chemistry types of analysis - Qualitative & Quantitative Analysis b) Sampling - definition, procedure of sampling, types of sampling, c) Accuracy, precision, significant figures, significance of zero rounding off. d) Errors - definition, types of errors, minimization of errors.
7)	September 2018	Chapter-2 > Volumetric (Titrimetric) Analysis :- a) classification of volumetric methods of Analysis, b) Acid-Base titrations - Principle, Acid-Base titrations indicators, Henderson-Hasselbalch equation, transition range of indicators, study of Acid-Base titration with respect to neutralisation curve, selection of indicators and calculation of pH. i) strong acid vs strong base ii) weak acid vs strong base - Applications of Acid-Base titrations in short.
8)	October 2018	c) Precipitation Titration - Principle, detection of end point, in precipitation titration - Preparation of AgNO ₃ solution, standardisation of AgNO ₃ solution by Mohr's method, estimation of Halides - by Fajan's method, precipitation titration curve, Applications of precipitation titrations in short. d) Redox titrations - Oxidation, Reduction redox reaction, oxidizing agents, reducing agents, Redox titrations titration of Ce(IV) & Fe(II) - nature of titration curve, calculation of emf, detection of end point redox indicators, self indicators and starch indicators. e) Complexometric titrations - Complex ligands, types of ligands, Chelates, chelating agents, formation of complex, formation constant, chelate effect, chelating agent EDTA, EDTA equilibria, EDTA titration curve, detection of end point - indicators, principle involved in colour change of indicator, Applications of Redox titrations & complexometric titration in short.


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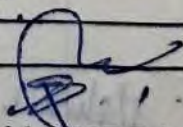

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TEACHING PLAN

Class: FY-B.S. Sem.: II Subject: Organic & Inorganic Paper Code.: CH-202

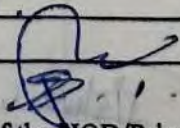
Sr. No.	Month	Topics/Practical's
1	December 2018	<p><u>Chapter-1) Aldehydes and Ketones - (L-12, m-18)</u></p> <p>Introduction, structure of Carbonyl group, Nomenclature of aldehydes and Ketones (Common & IUPAC system).</p> <p>* Aliphatic Aldehydes - Preparation of aliphatic aldehydes by reduction of acid chlorides, from Gignard's reagent and KCN from terminal geminal dihalides & from calcium salt of acids.</p> <p>* Aliphatic ketones - Preparation from Gignard's Reagent and KCN from non-terminal geminal dihalides, from calcium salt of acids.</p> <p>* Reactions of Aliphatic Aldehydes & Ketones - Reducing properties of aldehydes - Reaction with Tollen's reagent and Fehling's solution, Clemmensen reduction, Wolff-Kishner reduction, Aldol condensation, crossed Aldol condensation, Cannizzaro reaction, Crossed Cannizzaro reaction, Addition of HCN, NaHSO_3, Addition of derivatives of Ammoniac (Hydroxyl Amine, phenyl Hydroxylamine, 2,4-DNP, semicarbazide).</p> <p>* Aromatic Aldehydes and Ketones - Preparation of Benzaldehyde by Gatterman Koch reaction by oxidation of toluene. Reactions of benzaldehyde - Addition of HCN, Addition of G.R., Benzoin Condensation.</p> <p>- Preparation of Acetophenone - By oxidation of ethyl benzene, by Friedel-Craft acylation. Reactions of Acetophenone - Addition of HCN, Addition of G.R., oxime formation.</p> <p>* <u>Chapter-2) Carboxylic Acids and their Derivatives -></u></p> <p>* Carboxylic Acids - Introduction, (L-10, m-13) Nomenclature (Common & IUPAC system), Preparation of carboxylic acids - By carbonation of Gignard's reagent and by hydrolysis of nitriles, Physical properties of acids, Acidity of carboxylic acids, Reactions of Carboxylic acids - formation of salt (with NaOH, KOH, Na_2CO_3, NaHCO_3, NH_4OH and active metals), Hell-Volhard-Zelinsky reaction, formation of acid anhydrides.</p> <p>* Aromatic Carboxylic Acids - Preparation of Benzoic acid - By hydrolysis of phenyl cyanide and by carbonation of G.R., Reactions of Benzoic Acid - Formation of salt, benzoyl chloride, Benzamide, and reduction to benzyl alcohol.</p>

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Sr. No.	Month	Topics/Practical's
1	December 2018	<p><u>Chapter-1) Aldehydes and Ketones - (L-12, m-18)</u></p> <p>Introduction, structure of Carbonyl group, Nomenclature of aldehydes and ketones (Common & IUPAC system)</p> <p>* Aliphatic Aldehydes - Preparation of aliphatic aldehydes by reduction of acid chlorides, from Gignard's reagent and from terminal geminal dihalides & from calcium salt of acids.</p> <p>* Aliphatic ketones - Preparation from Gignard's Reagent and RCN from non-terminal geminal dihalides, from calcium salt of acids.</p> <p>* Reactions of Aliphatic Aldehydes & Ketones - Reducing properties of aldehydes - Reaction with Tollen's reagent and Fehling's solution, Clemmensen reduction, Wolf-Kishner reduction, Aldol condensation, crossed Aldol condensation, Cannizzaro reaction, Crossed Cannizzaro reaction, Addition of HCN, NaHSO_3, Addition of derivatives of Ammoniac Hydroxyl Amine, phenyl hydrazine, 2,4-DNP, semicarbazide).</p> <p>* Aromatic Aldehydes and ketones - Preparation of Benzaldehyde by Gatterman Koch reaction by oxidation of toluene. Reactions of benzaldehyde - Addition of HCN, Addition of G.R., Benzoin Condensation - Preparation of Acetophenone - By oxidation of ethyl benzene, by Friedel-Craft acylation. Reactions of Acetophenone - Addition of HCN, Addition of G.R., oxime formation.</p> <p>* <u>Chapter-2) Carboxylic Acids and their Derivatives -></u></p> <p>* <u>Carboxylic Acids - Introduction, (L-10, m-13)</u> Nomenclature (Common & IUPAC system), Preparation of carboxylic acids - By carbonation of Gignard's reagent and by hydrolysis of nitriles, physical properties of acids, Acidity of carboxylic acids, Reactions of Carboxylic acids - formation of salt (with NaOH, KOH, Na_2CO_3, NaHCO_3, NH_4OH and active metals), Hell-Volhard-Zelinsky reaction, formation of acid anhydrides.</p> <p>* <u>Aromatic Carboxylic Acids - Preparation of Benzoic acid - By hydrolysis of phenyl cyanide and by carbonation of G.R. Reactions of Benzoic Acid - Formation of salt, Benzoyl chloride, Benzamide, and reduction to benzyl alcohol.</u></p>

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Class: F.Y.B.Sc. Sem.: II Subject: Org. & Inorganic

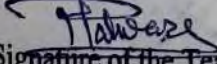
Sr. No.	Month	Topics/Practical's
2)	December 2018.	<p><u>Esters</u> - Preparation of Esters - from alcohols and acid, alcohols and acid chlorides, alkaline and acidic hydrolysis of esters.</p> <p><u>Acid chlorides</u> - Preparation of acid chlorides from carboxylic acids by using SOCl_2, PCl_2, PCl_5.</p> <p>Reactions of acid chlorides with Benzene and with sodium salt of acids.</p> <p><u>Amides</u> - Preparation of Amides from acid and ammonia and from acid chloride and ammonia.</p> <p>Reactions of Amides - Hydrolysis and Hoffmann rearrangement.</p>
3)	January 2019	<p><u>Chapter-3) Amines</u> - (L-08, M-12)</p> <p><u>Aliphatic Amines</u> - Introduction, classification, nomenclature, Common & IUPAC system, Preparation of Amines - By reduction of nitroalkane nitriles & oximes, By alkylation of primary & secondary amines By reduction of iso-cyanides Basicity of Amines, Reactions - Action of nitrous Acid, Acylation, Carbylamine test Hinsberg's test.</p> <p><u>Aromatic Amines</u> - Preparation of aniline - from chlorobenzene & from nitrobenzene, Basicity of aromatic amines, Reactions - Benzoylation, N-alkylation, Preparation of benzene diazonium chloride, Reactions of benzene diazonium chloride - formation of iodobenzene Sandmeyer reaction, Azo-coupling reaction: formation of methyl orange.</p>
4)	January 2019	<p><u>Chapter-4) Volumetric Analysis</u> - (L-09, M-12)</p> <p>molecular weight, formula weight, Equivalent weight, calculation of equivalent weight of acids, bases, oxidizing and reducing agents, Units of concentrations - Molarity, normality, formality, molality and parts per million (ppm), Numericals, Standard solution, primary and secondary standards, Titrant, Analyte, millimoles and milliequivalents, Equivalence point, End point, measurement of volume, effect of temperature on volume Apparatus for precise measurement of volume - pipette, Burette, Volumetric flask, calibration of pipette, Burette and Volumetric flask.</p>

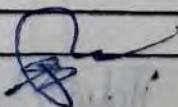
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Sr. No.	Month	Topics/Practical's
7	February 2019	chapter-5 > <u>Chemical Bonding and Structures (L-6, m-8)</u>
		Attainment of stable configuration Types of bonds -
		a) Ionic bond - NaCl and CaCl ₂ b) Covalent bond
		Lewis concepts H ₂ , Cl ₂ , HF, O ₂ and N ₂
		c) Co-ordinate bond - NH ₄ ⁺ and H ₂ N:BF ₃
		d) metallic bond - Free electron theory, limitations of Lewis concept.
		Theories of Bonding - Valence Bond Theory (VBT)
		Heitler-London Theory and Pauling-Slater theory
		Types of overlaps → S-S, S-P and P-P overlap
		with examples like H ₂ , Cl ₂ , HF, O ₂ , N ₂ ,
		limitations of valence bond theory.

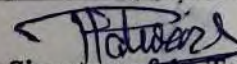

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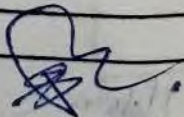

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TEACHING PLAN

Class: S.Y.B.Sc. Sem.: IV Subject: Org. & Analytical Paper Code.: CH-242

Sr. No.	Month	Topics/Practical's
		<u>Part-I: Organic Chemistry :-></u>
①	December 2018	<p><u>Chapter-1 > Chemistry of Heterocyclic Compounds.</u> (P.10, m-10/15)</p> <p>Definition, classification of Heterocyclic compounds, Nomenclature and aromatic character.</p> <p>a) Five membered rings with one hetero atom - furan, pyrrole and thiophene - synthesis and reactions - Nitration, Sulphonation, F.C. alkylation, Reimer-Tiemann reaction, Catalytic hydrogenation.</p> <p>b) Six membered ring with one hetero atom - pyridine: synthesis from Acrolein, from Acetylene. Reactions - Nitration, Sulphonation, Bromination, Catalytic hydrogenation.</p> <p>c) Condensed Heterocycles - Quinoline - Properties, Skraup synthesis Isoquinoline - Properties, Bischler-Bapieralski synthesis</p> <p><u>Chapter-2 > Synthetic Reagents - (P.8, m-8/12)</u></p> <p>a) Aceto Acetic Ester - Preparation of AAEE. Synthesis of alkyl acetic acid, dialkyl acetic acid, succinic acid, adipic acid, α-β unsaturated acid, methyl ketone (Butanone) from Aceto Acetic ester.</p> <p>b) Malonic ester - Preparation of malonic ester. Synthesis of alkyl acetic acid, dialkyl acetic acid, glutaric acid, β-keto acid (aceto acetic acid) α, β unsaturated acid from malonic ester.</p> <p><u>Chapter-3 > Elimination reactions:- (P.12, m-12/18)</u></p> <p>Types of Elimination -</p> <p>a) 1,2-(β) elimination mechanism of 1,2-(β) elimination</p> <p>b) E1 and E2 mechanism, Features of E1 & E2 mechanism</p> <p>c) Stereochemistry of E2 reactions (Newman projection formula is expected.)</p> <p>d) Orientation in E2 Saytzev & Hofmann Orientation</p> <p>e) Elimination in cyclic system, Bredt's Rule.</p>


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Pimpalner Education Society's

Karm. A. M. Patil Arts, Commerce & Kai. Annasaheb

N. K. Patil Science Senior College Pimpalner,

Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : PROF. S. K. KAKAD

Designation : Asst. Professor

Department : Geography



SEMESTER PATTERN TEACHING PLAN : 2018 - 2019.

(Semester - I) (From 15th June 2018 to 31st Oct. 2018.)

Total Credits - 03

NEW Syllabus : Choice Based Credit System (CBCS) : From June 2018

Subject :- Gg 101 : Physical Geography : Paper - I (Lithosphere) (60+40 Pattern)

Class :- F.Y.B.A.

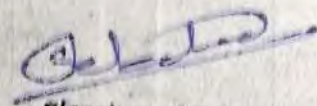
** Name of the teacher :- S. K. Kakad

Sr. No.	Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks
1	2	3	4	5	6	7
1	June.- 2018.	Topic No 1. Imaginary Lines and Movement of The Earth	Syllabus Writing & Concept and Introduction of Physical Geography	1		
			A) Imaginary Lines - i. Parallels of Latitudes - Equator, Tropic of Cancer & Capricorn, Artic, Antarctica Circles and Poles.	6	7	
2	July.- 2018.		ii. Meridians of Longitudes - Prime Meridian	4		
			B) Movement of The Earth i. The Earth Axis	2		
			ii. Rotation of the earth and It's effects	4		
			iii. Revolution of the earth and Its effects.	4	14	21
		Topic No. - 02. Origin of Oceans and Continents	A) Wagener's Continental Drift Theory and Interior of the Earth			
			i. Salient feature of distribution of Continent and Oceans.	2	2	
3	Aug.- 2018.		Continental Drift Theory - a) Basic Concept b) Evidences c) Criticism	4		
			ii. Interior of the earth Crust, Mantle, Core & their minor details	3		
			B) Rocks and Earthquake and Volcanoes			
			i. Definition, Classification and Characteristics of Rocks -	1		
			a) Igneous Rocks	3		
			b) Sedimentary Rocks	2		
			c) Metamorphic Rocks	1		
			ii. Causes and effects of Earthquake with examples.	2		
			TEST - I	1	17	
4	Sep.- 2018		iii. Volcanoes - Types, Causes & effects	2	2	21
		Topic No. - 03. Weathering and Work of Geomorphical Agents	A) Weathering			
			i. Definition of weathering	1		
			ii. Types of weathering -			
			a. Mechanical	2		
			b. Chemical	2		
			c. Biological	1		

	Sep - 2018	Topic No. - 03,	B) Work of Geomorphical Agents	
			iii. River 1- Erosional landforms of river 1 V shaped Valley, Pot holes Gorge, Rapids & Waterfall.	4
			iv. Depositional Landforms of river 1- Meanders, Ox-Bow lakes, Flood Plains, Levees, Deltas.	4
			TEST - II	1
3	Oct - 2018		v. Winds, Erosional landforms of wind Blow- out or Deflation, hollows, Mushroom Rock, Yardangs, Zeugen, and Inselburgs	3
			vi. Depositional landforms of wind - Sand Dunes, Bharkhans and Loess	3
6	Oct - 2018 & Nov - 2018	Exam.	College Internal Exam. & Seminar/Oral	6
			University Exam.	7
			Dipawall Vacation.	


Signature of Principal.

Kam.A.M.Patil Arts, Comm. &
Kal. Annasaheb N.K. Patil Science
Sr. College, Pimpalner Tal. Sakri (Dhule)


Signature of Subject teacher.

**** SEMESTER PATTERN TEACHING PLAN **** (Year - 2018 - 2019)
(Semester - I) (From 15th June 2018 to 31st Oct. 2018.)

Subject :- Gg 231 : Human Geography

** Paper :- Gen. 2.

Class :- S.Y.B.A.

** Name of the teacher :- Prof. S. K. Kakad

Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks	
2	3	4	5	6	7	
June.- 2018.	Topic No. 01. Introduction to Human Geography	Syllabus writing & subject Introduction	2			
		i) Meaning & Defination	1			
		ii) Nature & Scope of Human Geography	4	7		
July.- 2018.		iii) The Branches of Human Geography	6			
		a) Population Geography				
		b) Cultural Geography				
		c) Scocial Geography				
		d) Economical Geography				
		e) Plitical Geography				
		f) Histrical Geopgraphy				
		iv) Relationship Bet', Man & Environment	2			
		v) Determinism, Possibilism	3			
		vi) Stop & Go Determinism	1	12	19	
	Topic No. 02. Races of Mankind	i) Meaning & Defination of Race	1			
		ii) Physical Basis of racial groups	3			
		iii) Classification of World Races -				
		a) Caucasoid b) Mangoloid	4			8
		d) Negroid e) Australoid	4			
Aug.- 2018.		iv) Ethenic groups in India	3			
		v) Grifit's Taylor's Theory of human race	2			
		* TEST No. 01	1	10	18	
	Topic No. 03. Form of adoption to the Environment	i) Human life in cold region- Eskimo	5			
		ii) Human life in Tropics- Pigmy,	4			9
		ii) Human life in Tropics- Bushmen	4			
		iii) Human life in Mountainous region	3			
Sept.- 2018.		TEST No. 02	1	8	17	
	Topic No. 04. Study of Human Tribes in India	A) Human Tribes in India -				
		i) Gonds	3			
		ii) Bhill	3			
		iii) Naga	3			
		iv) Santhal	2			11
Oct. - 2018	Examination	Internal Exam.	7	7		
		University Exam Start				
Nov. 2018	Vacation	Dipawali Vacation				

**PES's, K.A.M. PATIL ARTS, COMM. & KAI. ANNASHEB N. K. PATIL SCIENCE COLLEGE
PIMPALNER, TAL.- SAKRI, DIST.- DHULE; PIN.- 424306.**

**** SEMESTER PATTERN TEACHING PLAN ** (Year - 2018 - 2019)**

(Semester - V) (From 15th June 2018 to 31st Oct. 2018.)

New Syllabus (60+40 Pattern) (with effect from: June 2018)

Subject :- Population Geography

**** Paper :- Gen. 3.**

Class :- T.Y.B.A.

**** Name of the teacher :- S. K. Kakad**

Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks
2	3	4	5	6	7
June - 2018.	Topic No. - 01, Introduction (Nature, Scope of Population Geography and Population Data)	Introduction to subject, Syllabus Writing	1	8	
July - 2018.		1. Defination, Nature & Scope of Population Geography	5		
		2. Need & Type of Population Data a) Primary data b) Secondary data	2		
		3. Sources of Population Data a) Census b) National Sample Survey F) Proglems Related to Collection and Utilization of Population Data	2		
			1	5	13
Aug.- 2018	Topic No. - 02, Population Dynamics (Density, Distribution, Affecting Factors of Population and Population Composition)	1. Definition & Types of Density of Popul. a) Arithmetic Density b) Agriculture Density c) Economic Density d) Critical Density	3	13	
		2. Distribution of Population : World and Indian Scenario	3		
		3. Factors Affecting the Distribution of World Population : a) Physical Factors : Location, Topography, Climate, Soil, Water availability, Forest. b) Cultural Factors: Religion, Economic Development, Transportation, TEST - I	4		
		Govt. Policies, Agriculture & Political setup.	2		
		4. Population Composition: Age and Sex, Rural-Urban & Economic	2	5	18
Sep.- 2018	Unit No. - 03 Demographic Attributes (Human Migration and Theories of Population Growth)	1. Definition and Classification, of Migration	4	13	
		2. Measures of Population, Fertility, Mobility and Mortality, Marital Status	5		
		3. Theories of Population a. Malthus: Population Theory	4		
		b. Demographic Transition Model (DTM)	4	4	17
Sep.- 2018	Topic No. - 04 Population Policies from 2015 and Current Issues	1. Population Policies in the Context of Growth, Structure, Distribution and Quality Life	5	13	
		2. National Population Policies in India (from 2015)	5		
		3. Current Issues and Problems of Population in India : a. Decreasing Sex Ratio and its Impact on Society.	2		
		TEST - II	1		

Oct.- 2018	<u>TopicNo. - 04</u>	b. Excess Urbanization and Pollution Problems.	2
		c. Brain Drain of Human Resource	2
Oct.- 2018	<u>Examination</u>	Internal Exam and Oral/Seminar	7
		University Exam Start	
Nov. 2018	<u>Vacation</u>	Dipawali Vacation	

Principal
 Signature of HOD/Principal
 Kamal A. M. Paul Arts, Comm. &
 Kai. Annasaheb N.K. Patil Science
 Sr. College, Pimpalner Tal. Sakri (Dhule)

Signature of Subject teach

SEMESTER PATTERN TEACHING PLAN : 2018 - 2019.

(Semester - 1) (From 15th June 2018 to 31st Oct. 2018.)

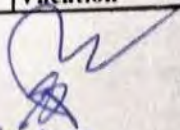
Subject :- Geography of Disaster Management (60+40 Pattern)

Class :- F.Y.B.Com.

**** Name of the teacher :- S. K. Kakad**

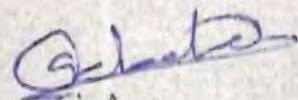
Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks
2	3	4	5	6	7
June - 2018.	UNIT - 01. Introduction	Syllabus Writing	1		
		i) Meaning, of Disaster & its Management	1		
		ii) Nature of Disaster	3		
		iii) Characteristics of Disaster	1	6	
July - 2018.		iv) Classification of Disasters	1		
		v) Importance of Disaster Studies	1		
		vi) Aims & Objectives of Disaster Studies	1		
		vii) Difference bet'n accidents & disasters	2	5	11
	UNIT - 02. Geo-physical Disaster	Causes, Effects and Management (Pre, During, Post) of following Disasters.			
		i) Earthquake	3		
		ii) Land Slide	3		
		iii) Tsunami	2		
		iv) Landslide and Mining	2		
		v) Volcanic Eruption	2	12	12
Aug.- 2018	UNIT - 03. Atmospheric Disaster	Causes, Effects and Management (Pre, During, Post) of following Disasters.			
		i) Cyclone	3		
		ii) Floods	2		
		iii) Drought	3		
		iv) Lightning	2		
		v) Hailstorms	2		
	Test -	TEST - I	1	13	13
	UNIT - 04. Man Made Disaster	Causes, Effects and Management (Pre, During) of following Disasters.			
		i) Fire – Building fire, Coal fire, Oil fire and forest fire	2		
		ii) Terrorism	2	4	
Sept.- 2018.		iii) Accidents – Road accidents, Rail, accidents, Water accidents, and Air accidents	3		
		iv) Wars	2		
	v) Chemical disaster	1			
	Test -	TEST - II	1	7	11
	UNIT - 05. House Hold Disasters	Causes, Effects and Management (Pre, During, Post) of following Disasters.			
		i) Gas Cylinder Explosion	2		
		ii) Short Circuits	2		
		iii) Snake & Dog Bite	2		
		iv) Electric Shock	2	8	8

	Sept.- 2018.	UNIT - 06. Global Environmental Problems	Causes, Effects and Management		
5	Oct.- 2018.		i) Global Warming ii) Ozone Depletion iii) Epidemics iv) Famine	11	3 2 2 2
6		Seminar/Oral Exam	Seminar/Oral	3	
	Oct.- 2018.	Exam.	College Internal Exam.	10	7
	& Nov. 2018	Examination	University Exam.		
		Vacation	Dipawali Vacation		



Signature of HOD/Principal.

Principal
Kam.A.M.Patil Arts, Comm.&
Kai.Annasaheb N.K.Patil Science
Sr.College, Pimpalner Tal.Sakri (Dhule)



Signature of Subject teacher.

**** SEMESTER PATTERN TEACHING PLAN **** (Year - 2018 - 2019.)
(Semester - II) (From 27th Nov.2018 to 30th April - 2019)

Subject :- Physical Geography Paper - II * Paper No. :-

Class :- F.Y.B.A.

** Name of the teacher :- S. K. Kakad

Sr. No.	Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks
	Nov.- 2018	<u>Topic No. 01.</u> Atmosphere And Insolation	Syllabus Writing & Introduction to subject	1	4	
			A) Origin Composition and Structure of Atmosphere :- i) Introduction, Meaning of Atmosphere	1		
			ii) Composition of Atmosphere	2		
			iii) Structure of Atmosphere: i) Troposphere ii) Stratosphere iii) Ionosphere etc	6		
	Dec.- 2018		B) i) Insolation - Definition	1	6	10
		ii) factors affecting the insolation a) Angle of the sunrays b) Length of the days c) Distance between earth and sun d) Effect of atmosphere	6			
		iii) Temperature- Horizontal and vertical	3			
		Test - I	1			
	Jan.- 2019	Topic No. 02. Atmosphere Pressure and Winds, and Atmospheric Moisture	A) Pressure Belt and Winds :- I) Measurement of Atmospheric pressure	1	11	11
			II) Definition of Isobars	1		
			III) Formation of Pressure Belts	1		
			IV) Shifting of Pressure Belts & their effects	2		
			** Geograpy Day - i) Geographical Tour	1		
			ii) Geographical G.K. Competitions	1		
		II) Winds :- Types of Wind :- i) Planetary winds ii) Monsoon winds	3			
		iii) Land and sea breezes	1			
		B) Humidity and Precipitation	1	6		
		I) Defination & Types of Humidity :- (a) Absolute Humidity b) Relative Humidity	3			
		II) Forms of Precipitation Fog, Dew, Frost, Hail, Rain, Snowfall	2			
	Feb.- 2019.		iv) Types of Rainfall : a) Convectional b) Orographic c) Cyclonic	4	5	11
			Test - II	1		
		Topic No. 03. Hydrosphere	A) Submarine Relief :- i) General Structure of Ocean Floor	5	11	11
			ii) Submarine Relief of Indian Ocean	5		
			B) Ocean Currents i) Definition & Causes of Ocean Currents	2		
			ii) Ocean Currents of Atlantic Ocean.	4		
			iii) Ocean Currents of Indian Ocean.	4		
			Tutorial/Home assignment/Oral	1		
	Mar.& April 2019	Examination	i) Revision of Syllabus & Internal Exam.	15	15	15
			ii) University Exam. Start from Last week of March			

Principal

K.A.M. Patil Arts, Comm. & Kai. Annasaheb N.K. Patil Science

Signature of Subject teacher.

**** SEMESTER PATTERN TEACHING PLAN **** (Year - 2018- 2019.)
(Semester - III) (From 27th Nov 2018 to 30th April.2019)

Subject :- Economic Geography

**** Paper No. :- Gen. 2.**

Course :- S.Y.B.A.

**** Name of the teacher :- Prof. S. K. Kakad**

Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods allotted	Total Periods	Remarks
Nov - 2018.	Introduction	Subject Introduction & Syllabus Writing	2	3	
Dec. - 2018	Topic No. 01 Introduction to Economic Geography	i) Definition of Economic Geography	1		
		ii) Nature of Economic Geography- Interdisciplinary, Dynamic,	4		
		iii) Scope of Economic Geography-Vast and extensive, distribution and exploitation of natural resources and manmade resources, economic activities,	4		
		iv) Approaches to the study of economic geography - Regional Approach, Commodity and Principle Approach	3		
				11	14
Jan. - 2019.	Topic No. 02 Economic Activities	i) Meaning of economic activities	1	5	
		ii) Types of economic activities- Primary	4		
		Secondary, Tertiary and Quaternary activities with suitable Examples and their characteristics	7		
		Test Exam. No. 1	1	8	13
Feb. - 2019.	Topic No. 03 Mineral and Power Resources	i) Distribution and production of Iron ore and coal in USA and India.	4	12	12
		ii) Distribution and importance of -	4		
		a) Thermal power (State wise Distribution) b) Hydel power (10 Major Hydel Power Projects in India)	4		
Mar. 2019.	Topic No. 04 Industries and Trade	A) Industries : i) Factors affecting the location of industries	6	16	
		ii) Production & distribution of following Indu.			
		a) Cotton Textile Industry - Japan & India	4		
		Test Exam. No. 2	1		
		b) Sugar Industry - India and special reference to Maharashtra State.	3		
Mar. 2019.		iii) Trade : a) Definition	1	8	24
		b) Types of Trade	1		
		a. Factors affecting the trade.	5		
		b. India's foreign trade.(Import & Export)	3		
Mar. & April 2019	Examination	Internal Exam. University Exam Start from last week of March	6		

Signature of Principal./HOD

Principal
Karm.A.M.Patil Arts, Comm.&
Kai.Annasaheb N.K.Patil Science
Sr.College,Pimpalner Tal.Sakri (Dhule)

Signature of Subject teacher.

**PES's, K.A.M. PATIL ARTS, COMM. & KAI. ANNASAHEB N. K. PATIL SCIENCE COLLEGE
PIMPALNER, TAL.- SAKRI, DIST.- DHULE; PIN.- 424306.**

**** SEMESTER PATTERN TEACHING PLAN ** (Year - 2018 - 2019)
Semester - VI (From 27th Nov. 2018 to 30th April- 2019.)**

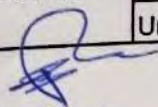
Subject :- Political Geography

**** Paper No. :- Gen. 3. (60+40) NEW**

Class :- T.Y.B.A.

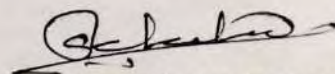
**** Name of the teacher :- Prof. S. K. Kakad**

Sr. No.	Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks
	Nov.- 2018	Unit - No. 01 Introduction to Political Geography	Syllabus Writing & Introduction	1	4	
			i) Definition of Political Geography.	1		
			ii) History and Development of Political Geography	2		
	Dec. 2018		iii) Nature and Scope of Political Geog.	5	13	17
			iv) Elements of Political Geography.			
			a) Physical Elements: Relief, Climate, Seas and Ocean.	5		
			b) Economic Elements : Mineral and power Resources, Trade and Transport	3		
	Jan.- 2019	Unit - No. 02 Evolution of State & Nation	i. Concept of State	1	7	
			ii. Centrifugal and Centripetal Forces in the State	3		
			iii. Factors affecting the State.			
			a) Physical Factors: Location , Relief	3		
			Climate , Shape and Size	2		
		TEST - I	1			
			b) Cultural Factors : Population, Religion, Human Race, Languages and Government.	4		
			iv. Concept of Nation	1		
			v. Difference between State and Nation	2	10	17
	Feb.- 2019	Unit - No. 03 Geopolitics	i. Origin and Concept of Geopolitics	1	10	
			ii. Theories regarding global Geo-Strategic Views:			
			a) Mackinder's Heartland Theory	3		
			b) Spykman Rimland Theory	3		
			iii Geo Political Significance of Indian Ocean	2		
			** Geograpgy Day - i) Geographical Tour and Geographical G.K. Competitions	1		
		iv. Geo- Political Issues of India.				
		a) Kashmir Problem	4			
		b) Cauveri River Water Dispute.	3	7	17	
	Mar & April 2019	Unit - No. 04 Frontiers and Boundaries	i) Definition of Frontiers and Boundaries	1	13	13
			ii) Distinctions Between Frontiers and Boundaries	3		
			iii) Morphological and Genetic Classification of Boundaries.	4		
			iv) Boundaries of India	4		
			TEST - II	1		
	Examination		Revision & Internal Exam in IInd week	7		7
			University Exam Start from last week of March			


Principal

Karm.A.M.Patil Arts,Comm.&
Kai. Annasaheb N.K.Patil Science

Signature of Principal/HOD


Signature of Subject teacher.

**** SEMESTER PATTERN TEACHING PLAN **** (Year - 2018 - 2019.)

(Semester - II) (From 27th Nov. 2018 to 30th April - 2019)

(CBCS Pattern)

Subject :- Geography of Disaster Management (Part – II)

** Paper No. :-

Class :- F.Y.B.Com.

** Name of the teacher :- S. K. Kakad

Month & Year	Topics / Units to be taught	Sub - Topics / Units to be taught	Periods	Total Periods	Remarks
Nov.- 2018.	Topic No. 01. Role and Responsibilities of Different Agencies & Government	Syllabus Writing	1	4	
		i. Role of Information, Education, Communication & Training	3		
Dec.- 2018.		ii. Role & Responsibilities of Central, State, District & Local Administration	3		
		iii. Role & Responsibilities of Armed Forces, Police, Para Military forces	2		
		iv. Role & Responsibilities of NGO's & International Agencies	2	7	11
	Topic No. 02. (A) Manifesting Disaster (B) Mitigations of Disaster	i. Resources planning & Mobilization	2	10	10
		ii. Immediate Survival Kit iii. Medical Kit	2		
		iv. Riské Equipment	1		
		v. Do's and Don'ts during disaster	2		
		a. Provision of Financial Resources	1		
		b. Construction of permanent Infrastructure	1		
		c. Establishment of controlling centers	1		
Jan.- 2019.	Topic No. 03. Technologies for Disaster Management	i. Role of IT in Disaster Management	4	11	11
		ii. Role & Application of RS, GIS & GPS in Disaster Management	6		
		TEST - I	1		
	Topic No. 04. Disaster Preparedness	** Geograpy Day - i) Geographical Tour	1	9	
		ii) Geographical G.K. Competitions			
		i. Introduction	1		
		ii. Warning & Alarm System	1		
		iii. Importance of planning in disaster preparedness	2		
		iv. Pre & Post disaster phases	2		
	v. Community-based disaster preparedness plan	2			
Feb.- 2019.		vi. Disaster Mapping & its applications	2	2	11
	Topic No. 05. Disaster Response	i. Introduction	1	11	11
		ii. Disaster Response Plan	2		
		iii. Damage Assessment & its Techniques	2		
		iv. Role of youth organizations in disaster management	2		
		v. Human behavior in disaster management	1		
		vi. Types and sources of stress regarding disaster event & TEST - II	2		
			1	11	
Mar. 2019	Topic No. 06. Disaster Medicine	i. Introduction	1	7	10
		ii. Epidemiological study of disasters.	2		
		iii. Clinical casualty management	2		
		iv. Immunization and vaccination	2		
		v. Logistics management, logistic support plan	3		
March & April - 2019.	Examination	Internal Exam	7	7	
		University Exam. Start from Last week of March 2018			

Principal

Signature of Principal HOD, Patil Arts, Comm. &

Kal. Annasaheb N. K. Patil

Signature of Subject teacher.

Pimpalner Education Society's
**Karm. A. M. Patil Arts, Commerce &
Kai. Annasaheb N. K. Patil Science Senior College,**
Pimpalner, Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

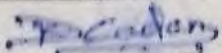
Name : Prof. Kady Daja Kadam
Designation : Asso. Prof.
Department : Mathematics.

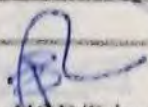


TEACHING PLAN

Course Code: PMTHCC-BClass: B.T. Sc. Sem: 2 Subject: Matrix Algebra Paper Code: PMTH-101

Sr. No.	Month	Topics/Practical's
1.	July-18	<u>Unit-I: Rank of Matrix</u> a. Elementary operations on matrices b. Adjoint of a matrix & Inverse of a Matrix c. Existence & uniqueness thm. of inverse of a matrix d. Properties of inverse of a matrix, Elementary Matrices e. Rank and normal form of a matrix, Reduction of a matrix to its normal form, Rank of product of two matrices.
2.	Aug-18	<u>Unit-II: System of Linear Equations</u> a. A homogeneous & non-homogeneous system of linear equations b. Consistency of system of linear equations. c. Application of matrices to solve the system of linear equations.
		<u>Unit-III: Eigen Values & Eigen Vectors</u> a. Orthogonal Matrices & Properties of orthogonal matrices. b. Characteristic equation, Eigen values & Eigen vectors of matrices. c. Cayley Hamilton theorem (statement only) and its use to find the inverse of a matrix.
3.	Sep-18	<u>Unit-IV: Matrix Transformation</u> a. Two & Three-dimensional Matrix Transform. b. Application of matrices to scaling & shearing. c. Application of matrices to reflection, Rotation & Translation.
4.	Oct-18	Revision Test / Tutorial / Internal Exam.

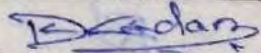

Signature of the Teacher

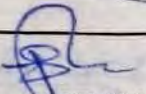

Signature of the HOD/Principal

TEACHING PLAN

Class : F-7-0-5c Sem. : I Subject : Calculus Paper Code. : 50554-102

Sr. No.	Month	Topics/Practical's
1.	July-18	<p><u>Unit-I: Limits and Continuity.</u></p> <p>a) ϵ-δ defⁿ of limit of a fun. b) Properties of limits Indeterminate forms & L-Hospital's rule c) Continuous functions, Properties of continuous fun. on closed and bounded intervals. d) Theorems on boundedness of continuous functions including intermediate value theorem. e) Uniform continuity.</p>
2.	Aug-18	<p><u>Unit-II: Mean Value Theorems.</u></p> <p>a) Differentiability b) Rolle's Theorem c) Lagrange's M.V.T. d) Cauchy's M.V.T. e) Geometrical interpretation & applications.</p> <p><u>Unit-III: Successive Differentiation.</u></p> <p>a) The n^{th} derivative of some std. functions e^{ax+b}, $(ax+b)^m$, x^m, $\frac{1}{ax+b}$, $\log(ax+b)$, $\sin(ax+b)$, $\cos(ax+b)$, $e^{ax}\sin(ax+c)$ & $e^{ax}\cos(ax+c)$</p>
3.	Sep-18	<p>b) Leibnitz's Theorem & Examples</p> <p><u>Unit-IV: Applications of Calculus</u></p> <p>a) Taylor's Theorem with Lagrange's form of remainder and related examples b) Maclaurin's theorem with Lagrange's form of remainder and related examples c) Reduction formulae $\int_0^{\pi/2} \sin^n x dx$, $\int_0^{\pi/2} \cos^n x dx$, $\int_0^{\pi/2} \sin^m x \cos^n x dx$ d) $\int \frac{\sin x}{\sin x} dx$</p>
4.	Oct-18	<p>Revision. Test/Tutorial.</p>


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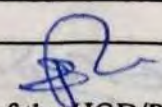

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TEACHING PLAN

Class : B-T-BSc Sem.: I Subject : Graph Theory Paper Code. : MT14-103(B)

Sr. No.	Month	Topics/Practical's
1.	July-18	<p><u>Unit-I : Graphs</u></p> <p>Graph, simple Graph, Multigraph, Hand shaking Lemma, Types of Graphs, Operations on graphs, Subgraphs, Isomorphism of graphs, Walk, path, cycles (circuits.)</p>
2.	Aug-18	<p><u>Unit-II : Connected Graphs</u></p> <p>Connected and disconnected Graphs, Bridges, Cut vertices, edge connectivity and vertex connectivity, Eulerian graph, Hamiltonian Graph, Planar Graph, Euler's formula for plane graphs, Kuratowski's two graph, Geometrical dual.</p>
3.	Sep-18	<p><u>Unit-III : Trees and Directed Graphs</u></p> <p>Definition & some properties of trees, Distance & centre in a tree, Defⁿ of Root and Binary trees, Spanning trees, Minimal spanning trees, Directed graphs, Some types of digraphs.</p>
4.	Oct-18	<p><u>Unit-IV : Applications of the Graphs</u></p> <p>Existence of Graphs for given no. of vertices and edges, Coloring of the graphs, Konigsberg's seven bridges Problem, Travelling salesman Problem, Dijkstra's algorithm, Marshall's algorithm, formation of flowchart using rooted trees.</p>
		<p>Revision Test/Tutorial</p>


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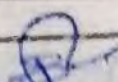

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TEACHING PLAN

Class: S.Y-02 Sem: 1 Subject: Calculus of Several Paper Code: 100771-201

Sr. No.	Month	Topics/Practical's
1.	June-18	Unit-1: Functions of Two and Three Variables.
		1-1: Limits and Continuity
		1-2: Actual Description of Functions
2.	July-18	1-3: Higher Order Actual Derivatives.
		1-4: Differentiability and Differentials.
		1-5: Necessary & Sufficient Conditions for Differentiability
		1-6: Schwarz's Theorem
		1-7: Young's Theorem.
		Unit-2: Composite Functions and Mean Value Theorem
		2-1: Composite Functions. Chain Rule.
		2-2: Homogeneous Functions
3.	Aug-18	2-3: Euler's Theorem.
		2-4: M.V.T. for a fun. of Two Variables.
		Unit-3: Taylor's Theorem and Extreme Values
		3-1: Taylor's Theorem
		3-2: Maclaurin's Theorem
		3-3: Absolute & Relative Maxima & Minima.
		3-4: Necessary Condition for Extreme.
		3-5: Critical Point. Saddle Point.
		3-6: Sufficient Condition for extreme.
		3-7: Lagrange's method of Undetermined multipliers.
4.	Sep-18	Unit-4: Double and Triple Integrals.
		4-1: Curve Rectify.
		4-2: Double integrals by using Cartesian & Polar coordinates
		4-3: Change of Order of Integration.
		4-4: Area by Double Integral.
		4-5: Evaluation of Triple Integral as Repeated Integral.
		4-6: Volume by Triple Integral.
		Revision
		Test/Tutorial.

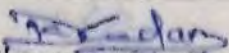

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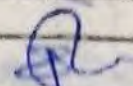

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TEACHING PLAN

Class : S.T.A.C. Sem.: 7 Subject : Algebra Paper Code : MTH 232103

Sr. No.	Month	Topics/Practical's
1.	June-18	Unit-1: Groups. 1.1: Definition of a group. 1.2: Properties of group.
2.	July-18	1.3: Abelian group. 1.4: Finite & Infinite groups. 1.5: Order of a group. 1.6: Order of an element and its properties. Unit-2: Subgroups 2.1: Definition of subgroup. Criteria for a subset to be a group. 2.2: Cyclic groups 2.3: Dihedral group. 2.4: Coset decomposition.
3.	Aug-18	2.5: Lagrange's theorem for finite group 2.6: Euler's Theorem and Fermat's theorem. Unit-3: Homomorphism and Isomorphism of Groups 3.1: Definition of Group Homomorphism and its properties. 3.2: Kernel of Homomorphism and Properties 3.3: Definition of Isomorphism and Automorphism of Groups.
4.	Sep-18	3.4: Properties of Homomorphism of Groups. Unit-4: Rings. 4.1: Definition and Simple Properties of \ast Ring. 4.2: Commutative Ring, Ring with unity, Boolean Ring. 4.3: Ring with zero divisors and without zero divisors. 4.4: Integral Domain, Division Ring and field. Simple Properties.
5.	Oct-18	Revision. Test/Tutorial.


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TEACHING PLAN

Class : B.T.A.Sc Sem.: 2 Subject : Practical course Paper Code : MTH-233
based on MTH 231 & 232

Sr. No.	Month	Topics/Practical's
1.	July-18	1) Functions of Two or Three Variables. 2) Composite Functions and M.V.T. 3) Taylor's Theorem and Extreme Values.
2.	Aug-18	4) Double and Triple Integrals. 5) Groups 6) Subgroups
3.	Sep-18	7) Homomorphism & Isomorphism of Groups. 8) Rings.
4.	Oct-18	Revision Test/Tutorial/Internal Exam.


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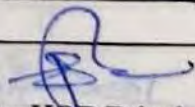
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TEACHING PLAN

Class : F.T. B.Sc. Sem.: II Subject : Differential Diff. Eqⁿ Paper Code. : MTH-201

Sr. No.	Month	Topics/Practical's
1.	Nov. 18.	Unit-I: Differential Eq ⁿ of First Order & First Degree a) Partial Derivatives of first order & second order & examples.
2.	Dec. 18.	b) Exact Diff. eq ⁿ . Condition for exactness. c) Integrating factor. d) Rules for finding integrating factor. e) Linear Diff. Eq ⁿ . f) Bernoulli's eq ⁿ , Eq ⁿ reducible to linear form.
3.	Jan. 18	Unit-II: Differential Eq ⁿ of First Order & Higher Degree a) Diff. Eq ⁿ of First Order & Higher Degree. b) Equation solvable for y. c) Equation solvable for y'. d) Equation solvable for x. e) Clairaut's form.
4.	Feb. 18	Unit-III: Linear Diff. Eq ⁿ of second & Higher Order a) Linear Diff. Eq ⁿ with constant coefficients b) Complementary functions c) Particular integrals of $f(x)y = X$, where $X = e^{ax} \cos ax, \sin ax, x^n, e^{ax} y, x^m y$ with usual notations.
5.	Feb. 18	Unit-IV: Homogeneous Linear Diff. Eq ⁿ a) Homogeneous Linear Diff. Eq ⁿ . (Cauchy's Diff. Eq ⁿ) b) Example of Homogeneous linear diff. eq ⁿ . c) Eq ⁿ reducible to homogeneous linear diff. eq ⁿ . (Legendre's eq ⁿ) d) Example of Eq ⁿ reducible to homo. linear diff. eq ⁿ .
5.	Mar. 19.	Revision. Test / Quiz / Internal Exam.


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TEACHING PLAN

Class: B.Sc. II Sem: II Subject: Theory of Equations Paper Code: 19111/202

Sl. No.	Month	Topics/Practical's
1.	Nov-18	Unit 1: Divisibility of Integers. Euclid's Al. (HCF) (Euclid's Principal) (19, 20)
2.	Nov-18	Concepts of mathematical induction Divisibility of integers and theorem. Binomial expansion, (1+x) ⁿ . Euclidean Algorithm Fermat's Little-Number Theorem.
3.	Jan-19	Unit 2: Polynomials: Division of polynomials, Horner's method of synthetic division. Existence and uniqueness of root of two polynomials, (Ruffini's) x^2 , Factor theorem and generalised factor theorem for polynomials. Fundamental theorem of algebra (1st part). Methods to find common roots of poly. x^n . Descartes's rule of sign, Steiner's method of division for the integral roots.
4.	Feb-19	Unit 3: Theory of Equations-I. Relation between roots and coefficient of general poly. x^n in one variable. Relation betn roots & coefficient of quadratic, cubic & bi-quadratic x^4 . Symmetric functions of roots.
5.	Mar-19	Unit-4: Theory of Equations-II Transformation of x^n . Cardan's method of solving cubic x^3 . Bi-quadratic x^4 . Descartes's method of solving bi-quadratic x^4 .
6.	Mar-19	Revision Test / Tutorial / Internal Exam.

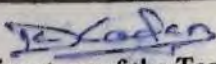
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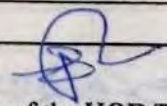
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TEACHING PLAN

Class : F.Y.B.Sc. Sem.: II Subject : Numerical Analysis Paper Code : MTTH-203(B)

Sr. No.	Month	Topics/Practical's
1.	Nov. 18	Unit-I: Solution of Algebraic & Transcendental Eq ⁿ . Errors and their computation.
2.	Dec. 18	Absolute, relative and percentage errors The Bisection method The Iteration method The method of false position Newton-Raphson method.
3.	Jan. 19	Unit-II: Interpolation, Finite difference tables. Forward & Backward differences. Central differences symbolic Δ^n & separation of symbols Gauss's forward difference formulae. Gauss's backward difference formulae. Interpolations with unequally spaced points Lagrange's interpolation formulae. Inverse Lagrange's formulae.
4.	Feb. 19.	Unit-III: Curve Fitting Least squares curve fitting procedures Fitting of st. line Non-linear curve fitting power fun. $y = ax + b$, Fitting of poly. of degree two $y = a + bx + cx^2$ Fitting of exponential fun. $y = ae^{bx}$.
5.	Mar. 19	Unit-IV: Numerical sol ⁿ of Ordinary Diff. Eq ⁿ . Numerical sol ⁿ of first order ODE. by Taylor's series. Euler's method and modified Euler's method. Runge-Kutta methods. Runge-Kutta second and fourth order formulae.
		Revision Test/Tutorial / Internal Exam.


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TEACHING PLAN

Class: B.Sc. II Sem: II Subject: Complex Variables Paper Code: 201111/2011

Sl. No.	Month	Topics/Practical's
1.	Nov-18	Unit-1: Complex Numbers
2.	Dec-18	1.1: Complex number, modulus & amplitude, polar form. 1.2: De Moivre's inequality and Argand's diagram. 1.3: De Moivre's Theorem for integral indices and applications. 1.4: n^{th} roots of a complex no. 1.5: Elementary functions. a) Hyperbolic form of a complex variable. b) Hyperbolic form of a complex variable.
3.	Jan-19	Unit-2: Functions of complex variables. 2.1: Limits, Continuity, Derivative. 2.2: Analytic fun. Necessary & sufficient conditions for analytic fun. 2.3: Cauchy-Riemann Equations 2.4: Laplace eq ⁿ & Harmonic functions 2.5: Construction of analytic functions
4.	Feb-19	Unit-3: Complex Integrations 3.1: Line integral and theorem on it. 3.2: Statement and verification of Cauchy-Goursat's Theorem. 3.3: Cauchy's integral formulae for $f(z)$, $f'(z)$ & $f^{(n)}(z)$ 3.4: Taylor's and Laurent's series.
5.	Mar-19	Unit-4: Calculus of Residues 4.1: Zeros and poles of a fun. 4.2: Residue of a fun. 4.3: Cauchy's residue theorem. 4.4: Evaluation of integrals by using Cauchy's residue theorem. 4.5: Contour Integrations of the type $\int_0^{2\pi} f(\cos\theta, \sin\theta) d\theta$ and $\int_0^{\infty} f(x) dx$. Revision. Test/Quiz/Int. Exam.

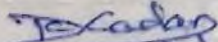
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TEACHING PLAN

Class : S-7.B.Sc. Sem.: II Subject : Differential Eqⁿ Paper Code : MTH-24201

Sr. No.	Month	Topics/Practical's
1.	Nov-18.	Unit-1 : Theory of Ordinary Diff. Eq ⁿ . 1.1: Lipschitz Condition 1.2: Existence and uniqueness theorem.
2.	Dec-18.	1.3: Linearly dependent & independent solutions. 1.4: Wronskian's definition. 1.5: Linear combination of solutions. 1.6: Theorem on i) Linear combination of solutions ii) Linearly independent solutions iii) Wronskian is zero. iv) Wronskian is non-zero. 1.7: Method of variation of parameter for second order L.H.E
3.	Jan-19.	Unit-2: Simultaneous Differential Equations 2.1: Simultaneous linear diff. eq ⁿ of first order. 2.2: Simultaneous D.E. of the form $\frac{dx}{p} = \frac{dy}{q} = \frac{dz}{r}$ 2.3: Rule-I: Method of combinations. 2.4: Rule-II: Method of multipliers. 2.5: Rule-III: Properties of ratios. 2.6: Rule-IV: Miscellaneous.
4.	Feb-19.	Unit-3: Total Differential or Pfaffian Diff. Eq ⁿ . 3.1: Pfaffian diff. eq ⁿ . 3.2: Necessary & sufficient cond ⁿ for integrability. 3.3: Conditions for exactness. 3.4: Method of solution by inspection. 3.5: Solution of homogeneous equation. 3.6: Use of auxiliary eq ⁿ .
5.	Mar-19	Unit-4: Beta and Gamma Functions. 4.1: Introduction. 4.2: Euler's Integrals: Beta and Gamma functions. 4.3: Properties of Gamma fun. 4.4: Transformation of Gamma fun. 4.5: Properties of Beta fun. 4.6: Transformation of Beta fun. 4.7: Duplication formula. Revision. Test/Tutorial/Internal Exam.


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TEACHING PLAN

Class : S.Y. B.Sc. Sem.: II Subject : Practical Course based on DTT, 215, 216 Paper Code. : 10TTH-243

Sr. No.	Month	Topics/Practical's
1.	Dec. 18	1) Complex Numbers. 2) Functions of Complex Variable. 3) Complex Integrations
2.	Jan. 19	4) Calculus of Residues 5) Theory of Ordinary Diff. Eq ⁿ 6) Simultaneous Diff. Eq ⁿ
3.	Feb. 19	7) Total (Partial) Diff. Eq ⁿ 8) Beta. and Gamma Functions Revision.
4.	Mar. 19	Test / Tutorial / Internal Exam

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Pimpalner, Tal.- Sakri, Dist.- Dhule.**



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Assit. Prof. S. N. Torawane
Designation : Assistant Professor
Department : Economics



Pimpalner Education Society's
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Science Senior College Pimpalner, Tal.- Sakri, Dist.- Dhule.



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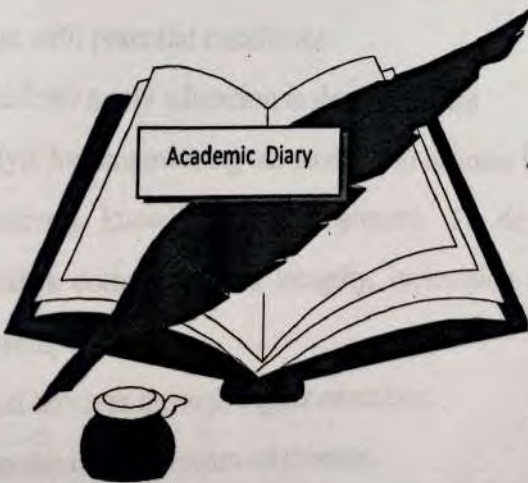
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Sanjay . Namdeorao Torawane

Designation : Assistant professor

Department : Economics



TEACHING PLAN

Class: 9.4 B of A Sem.: Ist Subject: Advanced Micro Economics Paper Code: 232

Sr. No.	Month	Topics/Practical's
1	June July 2018	Introduction (1) meaning, Nature & scope of micro economics (2) Importance & Limitations of micro economics (3) Basic economic problems of an economy (4) production possibility curve
2	July & August 2018	The Tools Theoretical analysis (1) variables (a) Dependent & Independent (b) exogenous & endogenous (2) the concept of functional relationship (3) Alternative methods of Representing functional relations (b) lines & non lines function (c) straight line & slopes
3	August & September 2018	Consumers Behaviour & Marginal utility & demand (a) Cardinal & ordinal utility concepts (b) Marshall's law of diminishing marginal utility (c) Law of equi marginal utility Analysis (d) Limitation of Marginal utility analysis (e) Indifference curve analysis of demand (f) Assumptions (g) Indifference schedule & Indifference map (h) Diminishing Marginal rate of Substitutions (i) properties of Indifference curve (j) price line (k) Consumers equilibrium by indifference curve technique (l) Income elasticity of demand & cross elasticity of demand (only concepts)
4	September 2018	Theories of production & costs (1) production Decisions (a) Large scale production & their Economics (Internal & External Economics) (b) production functions, The Law of variable proportions (c) cost concepts (d) short run & long run cost (e) Total Average & Marginal Cost (f) U shaped short run & long run cost curve (g) Relation between average & marginal cost curve (h) concept of L shaped cost curve.

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TEACHING PLAN

Class: F.Y.B.A

Sem.: I

Subject: Principles of Microeconomics I

Paper Code: Eco 101 (P)
2018-19

Sr. No.	Month	Topics/Practical's
1	July	Introduction to Microeconomics & theory of demand & supply
2	August	(a) What is economics - only scarcity Definition (b) What is microeconomics. Definition & meaning Nature, scope & limitation of microeconomics (c) Theory of choice. Problems of economic choice choice & opportunity cost (d) Basic economic problem Price Mechanism (e) Theory of demand - Concept determinants & law of demand shifting of demand curve (f) Elasticity of demand - Concept types of elasticity (price elasticity, income elasticity, cross elasticity, substitution elasticity, calculating elasticity determines of price elasticity (g) Theory of supply Concepts, determinants of supply & law of supply, shifting of supply curve (h) Market equilibrium - meaning of market equilibrium. market equilibrium by demand & supply price in market - Rationing price Floors price, Administered price, Auction & mixed prices
3	September	Consumer Theory (a) Cardinal utility Approach - Concept & types of utility (b) The law of diminishing marginal utility (c) Ordinal utility approach - Indifference Curve basic assumption of consumer preference principles of Marginal rate of substitution, properties of indifference curve (d) Budget constraint (e) Indifference curve analysis. price effects, Income effects & substitution effect (only concept)
4	October	(a) Derivation of demand curve from indifference curve
5	November	(a) Basic Concept. production, plant, firm, Industry inputs, outputs, short run, long run level of production, scale of production (b) Production function. Assumptions, Total Average & Marginal production &

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Sr. No.	Month	Topics/Practical's
	September	<p>6 production curve. The law of variable proportion</p> <p>(c) the law of returns to scale, Isoquant & IsoCost line, cost minimizing equilibrium (least cost combination of factors)</p> <p>(d) economies & diseconomies of scale</p> <p>(e) concept of cost money cost explicit cost implicitly cost, normal profit, dead cost opportunity cost, private cost, social cost total average & marginal cost (f) short run cost & cost curve, fixed cost variable cost & total cost, short run cost curves U shaped average cost curve</p> <p>(g) Long run cost & cost curve</p>
	June	<p>Introduction to Banking</p> <p>(1) Evolution of Banking (2) meaning & definition</p> <p>(3) function of Banking (4) Role of Bank in Economic development</p>
	July 2018	<p>(2) chapter-II classification of Banks</p> <p>(1) structural classification - unit banking, Branch Banking, Group Bank, chain banking. Their merits & de-merits functional classification - ownership wise classification - public sector, private sector & Foreign Bank</p> <p>(2) Meaning & structure of co-operative Bank</p>
	August	<p>(3) chapter Banking operation (1) Type of Account & account opening - saving A/c current A/c, Fixed Deposit A/c & Recurring Deposit A/c (2) KYC norms. KYC Policy origin customer definition under the KYC principles sector, private sector & Foreign Bank</p>
	September	<p>(1) Meaning & structure of co-operative Bank</p> <p>RBI's Approach & objectives (a) Customer Acceptance Policy (b) customer identification process (c) monitoring of customer transactions (d) Risk Management (e) types of customer mind front, joint account Partnership account accounts of limited</p>

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TEACHING PLAN

Class: F.Y. B.Com Sem.: I Subject: Principles & Practices of Banking Paper Code: 7 @

Sr. No.	Month	Topics/Practical's
		Companies, Account of Trust Government Policies Accounts, General precaution for opening of these accounts
1 st	September	Credit Creation
	October	(1) Meaning, process & Limitation
	2018	(2) Balance sheet of a Bank
		(3) Principal of sound Leading
		(4) Modes of creating charge. Lien Pledge, mortgagage, Hypothecation
<u>S.Y. B.Com. Sem II</u>		
1 st	Nov	Modern Banking & Financial System
	June	Natured Role of financial System.
	2018	(1) Introduction (2) Function of financial system
		(3) Stages of Financial Development System since 1947 (4) The structures of the Financial System (5) Financial system & it's Linkages with Saving & Investment
2 nd	December	An overview of the Indian financial system.
	July	(1) Institutional Development 1947-1990
	2018	(2) Institutional changes since 1991
		(3) Financial markets - Their Types - Introductory level only (4) Financial Instruments - Their Types Introductory level only (5) Financial services Their Types - Introductory level only
3 rd	January	Financial Sector Reforms in India I
	August	(1) Introduction (2) Financial reforms
	2018	(3) Objectives of Reforms (4) Strategies of Reforms (5) Policy Reforms
	February	
4 th	September	Financial Sector Reforms in India II
	2018	(1) New issue Market & Stock Market Reforms
		(2) Government Securities Market Reforms
		(3) Banking sector Reforms
		(4) Impact of financial Sector Reforms

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TEACHING PLAN

Sr. No.	Month	Topics/Practical's
1	February 2019	Regulatory Institutions I (1) Regulatory Institutions - RBI, NABARD, SEBI, NHB (2) Objectives of Monetary Policy (3) Techniques of Monetary Policy Control - Quantitative & Qualitative Weapons of Control
2	March 2019	Regulatory Institutions II (1) NABARD - Stabilisation - objectives - functions (2) SEBI - origin - objectives - Powers - functions (3) NHB - origin - Business of NHB - Financial Resources powers of NHB
3	June 2018	Commercial Banks in India (1) Introduction (2) Types of Commercial Bank (3) Distinction between Commercial Bank & Financial Institutions (4) Phases of Development 1951-1990 & Since 1991 (5) Regional Rural Bank - objectives - function
4	July 2018	Co-operative Banks in India (1) Introduction (2) Structure of Co-operative Banks (3) Urban Co-operative Bank - objectives & function (4) Rural Co-operative Banks - objectives & function (5) Problems of Co-operative Banks (6) Measures to solve these problems
5	August 2018	Problems of non-performing Assets (1) Definition of NPA (2) Impact of NPAs - consequences of NPA (3) Identification of NPAs (4) Early Warning signals of NPAs
6	September	Financial Inclusion (1) Introduction (2) evidences of financial exclusion (3) Benefits of Financial inclusion (4) process of financial inclusion (5) various initiative undertaken for financial inclusion
7	October	Micro Finance (1) Introduction (2) NGOs & SHGs in micro finance (3) Micro Finance Delivery Mechanism (4) Role of Government for supporting Micro Finance (5) Micro Finance Development

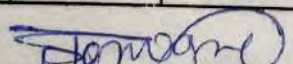
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TEACHING PLAN

Class: T-7-B.A Sem.: I Subject: Indian Economy Since 1980s Paper Code: AEO 351

Sr. No.	Month	Topics/Practical's
6	October 2018	Unit 6 The Positive side & Negative side of Fiscal Finance Reserve Bank of India (1) Establishment (2) objectives & Administration (3) functions of RBS (Reserve) Reserve
1	June	1 st Indian Financial System
	July 2018	(1) The Structure of Indian Financial System (2) Money Market - Structure & constituents of Money Market (3) Significance of Money Market (4) Recent Reforms in Indian Money Market (5) Capital Market - Structure & constituents of Capital Market (6) Recent Reforms in Indian Capital Market (7) SEBI functions
2	July August 2018	2 nd Money & Banking (1) progress of Banking since Nationalization (2) function of Commercial Banks (3) functions of RBI (4) Nature & functions of development banks (5) functions of IDBI & IDBI
3	August September 2018	3 rd India's Foreign Trade (1) Composition of India's foreign trade (2) Directions of India's foreign trade (3) India's balance of Payment (4) Causes of disequilibrium of BOP (5) Measures to correct BOP (6) Import Substitution (7) Export Promotion (8) Concept of convertibility of rupee on current account
4	September October	India & Globalization (1) Concept of LDC (2) effect of globalization on Indian Economy (3) Advantages & Disadvantages of multinational companies (4) Role & function of (a) WTO (b) World Bank (c) IMF


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TEACHING PLAN

Class: 9.Y.B.A

Sem: I

Subject: Advanced Micro Economics

Paper Code: ECO-242

Sr. No.	Month	Topics/Practical's
1	December 2018	Market forms & equilibrium - Part I (1) short run & long run equilibrium of a firm & industry in perfect competition (2) short run & long run equilibrium under monopoly (b) price discrimination concept (1) when price discrimination is possible (2) effect of price discrimination (3) Types of price discrimination (4) Concept of dumping
2	January 2019	Market forms & equilibrium - Part II (1) short run & long run equilibrium of firm under monopolistic competition (2) short run & long run group equilibrium under monopolistic competition (3) product differentiation (4) concept of selling cost (5) oligopoly-features
3	February 2019	Factor Pricing (1) Marginal productivity theory of distribution (2) Rent (3) Ricardian theory of rent (4) Concept of quasi rent (5) modern approach to rent. Transfer earnings & Economic rent (3) Wage (4) Nature of wage differentials (5) Backward bending supply curve of labour (6) Concept of collective bargaining & its effects on wages & Employment
4	March 2019	Factor pricing II (1) Interest (a) Loanable funds theory of interest (b) Liquidity preference theory of interest (2) Profit (a) Nature of profit (b) Risk & uncertainty bearing theory of profit (c) Innovation theory of profit

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Sr. No.	Month	Topics/Practical's
①	December 2018	<p>Revenue of firm & firm equilibrium</p> <p>(a) Revenue - Total Average & marginal revenue & Revenue curve, Relationship between Average & marginal revenue Competition & revenue curve of firms (perfect competition Monopoly, Monopolistic competition)</p> <p>(b) Equilibrium of firms - Concept of equilibrium firm equilibrium, Assumptions, marginal cost & marginal revenue methods of equilibrium</p> <p>(c) Perfect Competition - meaning & Features, Assumptions of perfect competition (a) Output & price determination in perfect competition</p> <p>(d) Equilibrium of firm under perfect competition, short run equilibrium, Shut-down point for a competitive firm, break even analysis, long run equilibrium of firm</p> <p>(e) Short run & long run equilibrium of Industry</p>
②	January 2019	<p>Equilibrium of firm & Industry under Monopoly & Imperfect competition</p> <p>(a) Monopoly - meaning & characteristics, types aims of monopolist price determination under Monopoly by Marginal Cost & Marginal revenue method. Short run & long run equilibrium of Monopoly firm. Factors effecting long run monopoly price (price discriminative Monopoly (price discrimination) Concept, types of degrees essential condition of price discrimination, dumping concept consequences of price discrimination, remedies for Monopoly</p> <p>(b) Monopolistic competition - Imperfect competition Concept & Causes of Imperfection monopolist competition - Concept, Features, short run & long run equilibrium of firm & Industry Group, Product differentiation, Selling cost only Concepts (c) oligopoly - meaning & Features, Sources of oligopoly Natural causes of Bigness classification of oligopoly. (d) Duopoly - meaning & Features.</p>

TEACHING PLAN

Class: Ey.B.A Sem: II Subject: Principles of M.E.C. Paper Code: E.C.C. 2010

Sr. No.	Month	Topics/Practical's
5	February	(a) Factors pricing (b) Inputs. Mining
	March	Modern theory of Income distribution
	2019	(c) Rent - meaning forms of Rent (Gross rent Economic rent, Quasi rent. Contract, rent Ability rent security rent Modern rent Theory (d) wages. Meaning Nominal & Real wages, Factors affecting on wages, causes of wages differentiation Modern theory of wages (e) Interest - meaning. Gross & Net Interest, causes of variation in Interest rate Liquidity preference theory of Interest (f) Profit - meaning Gross & Net Profit, characteristics of profit, Risk & Uncertainty bearing Theory of Profit Innovation Theory of Profit
		(B) market failure (f) support of a free market economy.
		(g) market failure. Causes of market failure (h) Government Intervention - objectives Needs, Tools, Government Interventions in Indian mixed economy (i) Cost of Government intervention

F.Y.B.A. IInd Principles & Practices Banking

1	December 2018	Chapter Negotiable Instruments (1) Definition cheque and Bill of exchange (2) Salient feature of a cheque - specimen of a cheque (3) Material Alteration meaning - effect of Material Alteration Example of Material Alteration & the Banker - Immaterial Alteration - Deviser's Arrest Material Alteration (4) Crossing General crossing - special crossing Double crossing who can cross a cheque opening of crossing (5) Endorsement - Definition. Significance of Endorsement. Assignment vs endorsement Kinds of Endorsement Regularity of
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Class: F.Y. Bcom Sem.: II Subject: Principles & Practices of Banking


Sr. No.	Month	Topics/Practical's
2	January 2019	Endorsement Liability of endorser 2nd paying Banker - Collecting Banker Departing - paying Banker (a) precaution Before Honouring a cheque (b) circumstance under which a cheque can be dishonored Answer to dishonored cheques (c) statutory protection to a paying Banker (d) Payment in due course - Holder in Due Course (e) Recovery of money paid by mistake Money can be recovered (f) Collecting Banker as a Holder for value (g) Banker as an Agent (h) conversion (i) statutory protection (j) Basis of Negligence (k) Duties of Collecting Bankers
3	February 2019	Technology in Banking (1) Technology in banking products/services (2) Automated Teller Machine (ATM) (3) Tele-Banking Electronic Fund Transfer (EFT) (4) Electronic Clearing Services (ECS) (5) Real time gross settlement system (RTGS) (6) National Electronic Funds Trans- fer (NEFT) (7) National settlement system (NSS) (8) Credit cards / debit cards (9) Internet Banking (10) Mobile Banking (11) E-purchase / E-money (12) Core Banking Solution (CBS) cheque truncation system (CTS) electronic (13) Funds Transfer at Point of Sale (EFTPOS)
4	March 2019	Central Banking (1) meaning function of central bank (2) meaning functions of central bank (3) monetary policy - objectives - Instruments of monetary policy (4) money market - meaning Features of developed money market Features of developing money market significance of money market - money market instruments (5) capital market meaning & features - significance of

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Class : T.Y.BA Sem.: II Subject : Indian Economy

Sr. No.	Month	Topics/Practical's
1	June July 2018 December 2018	1 st Federal Finance in India (1) Constitutional provision regarding the division of resources between centre & State (2) function of finance & planning Commission (3) Recommendation of 13 th Finance Commission (4) financial conflict between Centre & State
2	July August 2018 January 2019	2 nd The Indian Tax System (1) Tax Revenue of Central government (2) Tax Revenue of State government (3) Defects of Indian tax system (4) problem of black money in India causes & Remedies
3	August September 2018 February 2019 March 2019	3 rd Public expenditure in India (1) Composition of Government Expenditure (2) Trends in Central & State Govt. expenditure (3) Factors responsible for increase in public expenditure (4) effects of public expenditure 4 th Public Debt & deficit finance (1) Sources of Public Debt (2) causes of increase in public debt (3) Meaning & Nature of deficit finance (4) effects of deficit finance


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Pimpalner Education Society's
**Karm. A. M. Patil Arts, Commerce &
 Kai. Annasaheb N. K. Patil Science Senior College,**
 Pimpalner, Tal.- Sakri, Dist.- Dhule.



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Mr. Dinesh Bhimrao Jadhav

Designation : Assistant Professor.

Department : Political Science.



Pimpalner Education Society's

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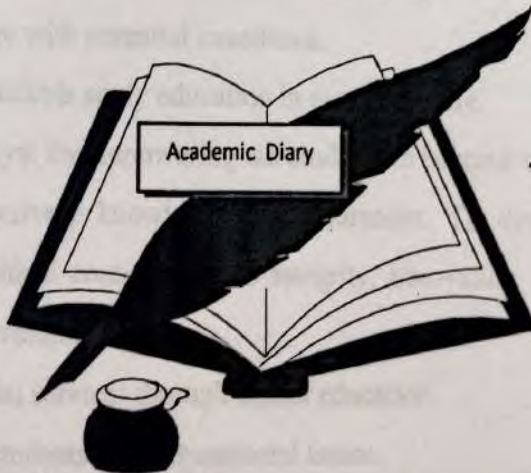
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : PROF. DINESH BHIMRAO JADHAV

Designation : ASSISTANT PROFESSOR

Department : POLITICAL SCIENCE



Sr. No.	Month	Topics/Practical's
1.	June 18 July 18	१. भारतीय राज्यघटना आणि संघराज्य कार्यपद्धती. A. भारतीय राज्यघटना = ऐतिहासिक पार्श्वभूमी, संविधान निर्मिती प्रक्रिया, संघराज्याचे मुख्य भारतीय संविधानाची वैशिष्ट्ये
2.	July 18 Aug 18	B. भारतीय संघराज्याची कार्यपद्धती व संकय. भारतीय संघराज्याची रचना भारतीय संघराज्याचे संकय व वैशिष्ट्ये केंद्र व राज्य संबंध.
3.	Aug 18 Sept 18 Sept 18	प्रश्नो - २. A. मुख्यमंत्र्य संकय आणि कर्तव्य. - अर्थ संकय व व्याप्ती. - मुख्यमंत्र्य संकय आणि कर्तव्यांचे महत्त्व. - मुख्यमंत्र्य संकय आणि कर्तव्य यातील पारंग B. मार्गदर्शक तत्वे - मार्गदर्शक तत्वांचा अर्थ आणि व्याप्ती - मार्गदर्शक तत्वांचे प्रकार, महत्त्व. - संकय आणि मार्गदर्शक तत्वे यातील संबंध.
4.	Sept 18 Oct 18	प्रश्नो - ०३ संविधानिक संस्था आणि घटना दुरुस्ती. A. संविधानिक संस्था. - राष्ट्रीय आयोग (अल्पसंख्यांक आयोग) - मानव संसाधन आयोग - निती (NITI) आयोग National Institution for Transforming India B. घटना दुरुस्ती पद्धत. प्रक्रिया. - अर्थ, महत्त्व. - महत्त्वाच्या दुरुस्ती. 73, 74, 86, 101.

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TEACHING PLAN

Class: S.P.B.A Sem.: I Subject: आर्थिक राजकीय विचार प्रणाली Paper Code: 51

Sr. No.	Month	Topics/Practical's
1.	June 18	लोकशाही.
	July 18	- अर्थ, व्याख्या, प्रकार, लोकशाहीचे आवश्‍यक हेतू. - लोकशाहीच्या कार्यवाहीतील आवश्‍यक. - लोकशाहीच्या गुरागुराची आवश्‍यक उदा. - लोकशाहीचे गुण, दोष, मरिदाव्य आणि महत्त्व.
2.	July 18	राष्ट्रवाद.
	Aug 18	- अर्थ, व्याख्या, राज्य आणि राष्ट्र यातील फरक - राष्ट्रवादाचे आधारभूत हेतू - प्रायोगिक आणि प्रतिगामी राष्ट्रवाद - राष्ट्रवादाचे गुण दोष महत्त्व. - विश्व राज्य
3.	Aug 18	लोकशाही समाजवाद.
	Sep 18	- अर्थ, स्वरूप, विकास - लोकशाही समाजवादाचे मूलभूत वैशिष्ट्ये - 1) फेबॅसनावाद 2) आमीक संघवाद 3) व्यवसाय संघवाद - मुख्यमापन
4.	Sep 18	पर्यावरणवाद-
	Oct 18	- अर्थ, व्याख्या, स्वरूप. - मानव आणि निसर्ग यातील संबंध - पर्यावरण प्रदूषणाची संकल्पना - जागतिक तापमान वृद्धी. - पर्यावरणाचे व्यवस्थापन आणि कायदा.

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TEACHING PLAN

Class: T.P.B.A. Sem.: V Subject: कार्मिक प्रशासन आणि व्यवस्थापन Paper Code: _____

Sr. No.	Month	Topics/Practical's
१)	June 18	कार्मिक सेवक प्रशासन.
	July 18	अ) अर्थ आणि महत्त्व. ब) नागरी (सैन्यी) सेवकी विभागे. क) नागरी सेवकी वर्ग. ड) सेवक भरती. १. अर्थ आणि महत्त्व. २. भरतीच्या पध्दती ३) प्रत्यक्ष भरती. ४) अल्पवयस भरती (बळती) ५) पात्रता ठरवण्याच्या पध्दती. ६) लेखी परीक्षा, मुलाखत, प्राध्यासिके, मानसशास्त्रीय परीक्षा, शारीरिक पात्रता.
२)	July 18	प्रशिक्षण.
	Aug 18	अ) अर्थ महत्त्व आणि प्रशिक्षणाची उद्देश्ये. ब) प्रशिक्षणाचे प्रकार १) औपचारिक २) अनौपचारिक प्रशिक्षण. ३. प्रवेशपूर्व प्रशिक्षण शिकवू उमेदवारी, अंतर्गत उमेदवारी ४. प्रवेशोत्तर प्रशिक्षण ५. सेवाकालीन प्रशिक्षण - उजळणी, उद्बोधन. क) प्रशिक्षणाच्या पध्दती. ड) भारतातील सनदी सेवकांची प्रशिक्षण व्यवस्था.
३)	Sept 18	नियुक्तीकाली व सेवक संबंध.
	Oct 18	अ) संघटनेचा अधिकार, सेवाचा अधिकार ब) वाटाघाटी यंत्रणा क) प्रशासकीय निवाडा. ड) सेवानिवृत्ती हेतू, प्रकार पायथे. क) आरक्षण दोरणे ड) राजकीय गरजता, वर्तमानक आचारसंहिता.
४)	Sept 18	प्रशासकीय उत्तरदायीत्व.
	Oct 18	अ) प्रशासकीय उत्तरदायीत्वाची संकल्पना. ब) विधिमंडळाचे प्रशासनावरील नियंत्रण क) कार्यकारी मंडळाचे प्रशासनावरील नियंत्रण ड) व्यापमंडळाचे प्रशासनावरील नियंत्रण व व्यापिक नियंत्रणाचे भाग इ) प्रशासनावरील जतनेचे नियंत्रण

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TEACHING PLAN

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Class: T.P.B.A

Sem.: V

Subject: प्राचीन राज्य विचार

Paper Code.: _____

Sr. No.	Month	Topics/Practical's
1.	June 18 July 18	प्लेटो - आदर्शवादी दृष्टिकोन. अ. त्याच विचार. ब) आदर्श राज्याची संकल्पना आणि मूल्य राजा. क) शिक्षण विषयक विचार द. साम्यवादा विषयी विचार मुख्यभाषण.
2.	July 18 Aug-18	अरिस्टोटल - वास्तववादी दृष्टिकोन. अ) राज्यविषयक विचार ब) राज्याचे वर्गीकरण क) नागरिकत्वाची संकल्पना मुख्यभाषणी विषयक विचार द) कौन्सिली कार्यणे, उपाय. मुख्यभाषण.
3.	Aug 18 Sept 18	मॅकव्हेली. अ. राजा (कौन्सिल) उपदेश. ब. साध्य आणि साधनाबाबतची मते क. धर्म आणि नैतिकता द. राजवय मुख्यभाषण.
4.	Sept 18 Oct 18	जॉन लॉक. अ. मानवी स्वभाव व नैसर्गिक स्थिती ब. सामाजिक करार विचार. क. नैसर्गिक हक्कांची संकल्पना. द. जॉन लॉकचे अज्ञानगी मान्यता राज्य आणि शासन बाबतची मते मुख्यभाषण.

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Class: S-1
S.4/B0

Sem.: IV Subject:

TEACHING PLAN

आधुनिक राजकीय विचार प्रणाली

Paper Code. :

Sr. No.	Month	Topics/Practical's
1	Nov. 18 Dec. 18	<p>मान्यवाद - शास्त्रीय समानवाद, व्यवहारमय भौतिकवाद, इतिहासाची भौतिकवादी भिन्नाभा. अतिरिक्त मूल्य सिध्दांत. वर्गसंघर्षाचा सिध्दांत. १) कामगार क्रांती, २) कामगारांची हक्कशाही ३) वर्गविरहीत समाज ४) निव्वो मान्यवाद - परिशुद्ध</p>
2.	Dec. 18 Jan 19	<p>सर्वोदय. - अर्थ, व्याख्या, स्वरूप, वैशिष्ट्ये. - भूदान - निर्मिती, व विकास - राज्याचे स्थान - सर्वोदय आणि साम्यवाद</p>
3.	Jan 19 Feb 19	<p>जागतिकीकरण - अर्थ, स्वरूप, वैशिष्ट्ये. - प्रक्रिया. - परिणाम - स्वातंत्र्यकरण - स्वारीकरण - जागतिकीकरणाचे दिशात्मक परिशुद्ध</p>
4.	Feb 19 March 19	<p>स्त्रीवाद. - - अर्थ, स्वरूप, विकास - वैशिष्ट्ये - राजकीय प्रक्रियेशी संबंध. - महिला संघर्षाची १. हिंदू कोडविलाचे महत्त्व. २. शासकीय पालनीवरील प्रयत्न ३. अशासकीय पालनीवरील प्रयत्न. - स्त्रीवाद आणि सत्य प्रियेची.</p>

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Class : T.Y.B.A.E Sem.: VI Subject : आणि व्यवस्थापन

Sr. No.	Month	Topics/Practical's
1.	Nov-18 Dec-18	व्यवस्थापन. अ) अर्थ, आणि व्यवस्थापनाचे प्रकार ब) व्यवस्थापनाची वैशिष्ट्ये क) व्यवस्थापनाची कार्ये: POSDCORB. ड) चांगल्या प्रशासनाच्या कसाट्या आणि महत्त्व.
2.	Dec 18 Jan 19	प्रशासकीय नेतृत्व. अ) अर्थ व्याख्या आणि महत्त्व. ब) प्रशासकीय नेतृत्वाबाबतचे दृष्टिकोन. क) प्रशासकीय नेतृत्वाचा विकास आणि वैशिष्ट्ये. ड) प्रशासकीय नेतृत्वाकरील आवश्यक गुण. इ) नेतृत्वाचे प्रकार फ) नेतृत्वाची कार्ये. ग) नेतृत्वाची शैली. (नेतृत्वशैली)
3.	Jan 19 Feb 19	धोरण निश्चिती आणि समन्वय. अ. धोरण निश्चिती - अर्थ, व्याख्या. - धोरण निश्चितीचे आधार - भारतीय धोरण निश्चितीचे आधार ब. समन्वय: - अर्थ, आवश्यकता, महत्त्व. - समन्वयाची लक्षणे - समन्वयाची वैशिष्ट्ये - चांगल्या समन्वयासाठी आवश्यक बाबी. - प्रभावी समन्वयाची लक्षणे.
4.	Feb 19 Mar-19	व्यवस्थापनातील जीवन प्रवाह अ) मनोवैयर्थी - अर्थ व्याख्या आणि महत्त्व - मनोवैयर्थीचे प्रकार प्रभाव टाकणारे घटक - मनोवैयर्थीचे मापन. ब) प्रशासकीय निर्णय - निर्णयलेखी गरज, - प्रशासकीय निर्णयलेखी व्यापकता - निर्णयलेखी लक्षणे - क) प्रशासनाची सामाजिक जबाबदारी - अर्थ व्याख्या, स्वरूप. - सामाजिक जबाबदारी पर पाडण्यास भाग पाडणाऱ्या शक्ती - ड) जनसंपर्क - अर्थ, व्याख्या आणि महत्त्व. - जनसंपर्काची साधने, व पध्दती - जनसंपर्क माध्यमांची भूमिका.

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TEACHING PLAN

Class : S.3 T.P.BA Sem.: VI Subject : पाठ्यमास राजकीय विषय Paper Code. : _____

Sr. No.	Month	Topics/Practical's
1.	Nov. 18 Dec. 18	कालिमावरी. अ) विरोध विनासवाद सिद्धांत. ब) इतिहासाचे भौतिकवादी विश्लेषण क) वर्गसंघर्ष आणि अतिरिक्त मूल्य सिद्धांत. ड) कनिष्ठ वर्ग विरोध आणि राज्य विरोध समान, मूल्यमापन.
2.	Dec. 18 Jan 19	जॉन स्टुअर्ट मिल. अ) व्यक्तिगत स्वातंत्र्य. १. विचार स्वातंत्र्य ॥ कृती स्वातंत्र्य. ब) स्त्री स्वातंत्र्या विषयी विचार क) प्रातीनिधिक शासन. ड) उपयोगितावादातील लक्ष्य. मूल्यमापन.
3.	Jan 19 Feb 19	जॉन होर्डेल रॉब्स. अ) स्वातंत्र्यावच्छेदक विचार ब) समता विषयक विचार क) नेमरस न्याय संबंधी विचार (संकल्पना) ड) न्याय सिद्धांत. इ) जॉन रॉब्सची भले. १. व्याजगी भाषमत्ता. ॥ सुव्यवस्थील समाजरचना. मूल्यमापन.
4.	Feb 19 March 19	हेरोल्ड लास्की. अ) स्वातंत्र्याची संकल्पना. ब) हुक्मां विषयी विचार क) राज्य आणि समाज. ड) सार्वभौम सत्तेसंबंधी संकल्पना. मूल्यमापन.

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NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : S.P. Khodalke
Designation : Assit Professor
Department : Zoology



TEACHING PLAN

Class: S.Y.B.Sc Sem.: 2 Subject: Non chordates Paper Code.: Zoo:231

Sr. No.	Month	Topics/Practical's
1	June	Introduction, Systematic position, Habit & Habits Ext. characters, oral & aboral surfaces Pedicellare, Body wall, Exoskeleton & Coelom.
2	June	Digestive system, Food, Feeding Mechanism, Digestion
3	July	Locomotion in starfish, Water vascular system, Tube feet.
4	July	Circulatory system of Sea star Haemal & Perihemal system.
5	July	Respiratory system - Gills - Branchiae or papillae
6	July	Excretion in Sea star
7	August	Nerves system of Sea star Sense organs - Eyes, Terminal tentacles Neurosensory cells
8	August	Reproductive system of Sea star Gonads, Life history & development Metamorphosis, Regeneration, Autotomy
		General Topics.
9	August	Mouth Parts - Biting & chewing type, Piercing & Sucking type, Siphoning type, Chewing & lapping type
10	Sept. *	Canal system in Sponges Ascon, Sycon, Leucon & Rhagon type.
11	Sept *	Locomotion in Protozoa Pseudopodia, Flagella & Cilia
12	Sept *	Foot in Mollusca

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TEACHING PLAN

Class : TY.B.Sc Sem.: I Subject : Non-chordate III Paper Code. : Zoo: 351

Sr. No.	Month	Topics/Practical's
1	June	<p>Leech - As an animal type - <i>H. granulosa</i></p> <p>1.1 Systematic position, Habit & Habitat</p> <p>1.2 External characters</p> <p>1.2.1 Shape, Size & Colour</p> <p>1.2.2 Segmentation & Suckers</p> <p>1.2.3 Body regions or divisions</p> <p>1.3 Locomotion - Crawling & Swimming</p>
2	June	<p>Digestive System</p> <p>2.1 Alimentary canal</p> <p>2.2 food, feeding & digestion.</p>
3	July	<p>Haemocoelomic System</p> <p>3.1 Haemocoelomic fluid</p> <p>3.2 Haemocoelomic channels</p> <p>3.3 Capillary stem system</p> <p>3.4 Course of circulation</p>
4	July	<p>Excretory system</p> <p>4.1 Testicular nephridia.</p> <p>4.2 Pre-testicular nephridia</p> <p>4.3 Physiology of excretion</p>
5	July	<p>Nervous System</p> <p>5.1 Central nervous system</p> <p>5.2 Peripheral nervous system</p> <p>5.3 Sense organs - free nerve endings Annular receptors, segmental receptors & Eyes</p>
6	July	<p>Reproductive System</p> <p>6.1 Male reproductive system</p> <p>6.2 Female reproductive system</p> <p>6.3 Copulation & fertilization</p> <p>6.4 Cocoon formation & development</p>
7	Aug	<p>Economic importance</p> <p>7.1 As a food, Predator, Pest, Transmitter of diseases, surgical agents etc.</p>

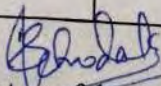
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TEACHING PLAN

Class: TY BSc Sem: 1 Subject: Non-chordate, III Paper Code: 200.351

Sr. No.	Month	Topics/Practical's
8	Aug	Grasshopper - As an animal type Heteroglyphus barian 8.1 Systematic position, Habit & Habitat 8.2 Ext. characters - shape, size & colour Division of Body - Head, thorax & abdomen
9	Aug	Digestive System 9.1 Alimentary canal 9.2 Digestive glands, 9.3 Feeding & Digestion
10	Aug	Circulatory system of Grasshopper Haemocoel, Haemolymph Heart & aorta & course of blood circulation
11	Aug	Respiratory system of Grasshopper Spiracles & Trachea
12	Sept	Excretory system of Grasshopper
13	Sept	Nervous system of Grasshopper - Central & peripheral nervous system.
14	Sept	Reproductive system of Grasshopper 14.1 Male reproductive system 14.2 Female reproductive system 14.3 Development.
15	Sept	General Topics 15.1 Osmoregulation in Protozoa 15.2 Polymorphism in Siphonophora 15.3 Pearl formation 15.4 pedicellariae in Echinodermata

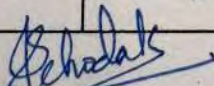

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TEACHING PLAN

Class : FYBSc Sem.: II Subject : Applied Zoology Paper Code : Zoo : 122

Sr. No.	Month	Topics/Practical's
1	Dec	1.1 Introduction & scope of Goatry 1.2 Indian breeds, distribution & characteristics A) North-west & central region - Jamunapari, Barbari, Beetal, Surti, Marwari, Mehsana, Jhakrana, B) South peninsular region Osmanabadi, Malhari, Sangamneri C) Eastern region Bengal Kanjam D) Northern temperate region. Gaddi, Chigu.
	Jan	1.3 Reproductive performance a) Reproductive system of Male & female goat b) Food habits of goat c) Nutrient requirement of goat d) Feeding of pregnant goat e) Feeding of lactating goat f) Feeding of Koo kids 1.4 Handling of goats a) Castration, its advantages b) Dethorning c) Care of feet d) Housing e) care of kids 1.5 Diseases & treatment : a) Mastitis b) Foot rot c) Brucellosis d) Int- & Ext- Parasites e) Bloat. 1.6 Economics of Goatry.
2	Jan	Lac Culture
	Feb	2.1 a) Introduction b) Distribution & morphology of lac insect; c) Life cycle d) Host plants e) Enemies of lac 2.2 Cultivation of Lac a) Inoculation period, b) Inoculation - Natural & artificial, c) Swarming d) Harvesting e) Harvesting of Lac. 2.3. a) Enemies of Lac cultivation b) Composition & properties of lac c) Lac industry in India d) Economic importance.


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Topics/Practical's

Sr. No.	Month	Topics/Practical's
1	Dec	<p>Defn, introduction & scientific approach of Research</p> <p>1.1 Meaning of research - Research methodology & important characters</p> <p>1.2 Objectives of research</p> <p>1.3 Motivation of research</p> <p>1.4 Types of research</p> <p>1.5 Significance of research</p> <p>1.6 Research methods vs methodology</p> <p>1.7 Research & scientific methods</p> <p>1.8 Research methods in flow charts</p> <p>1.9 Various steps of research process</p> <p>1.10 Criterion of good research</p> <p>1.11 Need of research in developing countries.</p>
2	Dec	<p>Research Design</p> <p>2.1 Selection of problems, suitable approaches & methods</p> <p>2.2 Meaning of research design</p> <p>2.3 Need of research design</p> <p>2.4 Features of good design</p> <p>2.5 Importance concepts of research design</p> <p>2.6 Basic principle of experimental design.</p>
3	Jan.	<p>Data Analysis & measurements</p> <p>3.1 Sampling - Defn & needs</p> <p>3.2 Scaling - Defn & importance</p> <p>3.3 Tabulation of data</p> <p>a) Variables - Defn, types with example</p> <p>b) Frequency distribution - Defn, types & example</p> <p>c) Measurement of central tendency - defn, types of averages - Mean, median & mode - why</p> <p>d) Testing hypothesis - Null hypothesis (H_0), alternative hypothesis (H_1), level of significance & degree of freedom with ex</p>
4	Jan.	<p>Data Presentation (with examples)</p> <p>4.1 Method of data presentation -</p> <p>a) Bar chart (diagram)</p> <p>b) Pie chart</p> <p>c) Histogram</p>

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TEACHING PLAN

Class: I.Y BSc Sem.: II Subject: Microtechnique Paper Code.: 200:305

Sr. No.	Month	Topics/Practical's
1	Dec	Introduction defn, scope & Applications of Microtechnique
2	Dec	Collection of Material - Narcotization 2.1. Collection of specimen 2.2 Kinds of preparations 2.3 Prepa of whole mounts 2.4 Fixation - defn & importance 2.5 Theory of fixation 2.6 Qualities of good fixatives 2.7 Types of fixative - primary & Compound 2.8 Specific fixatives.
3	Dec	Washing 3.1 Theory of washing 3.2 Significance of washing
4	Dec	Dehydration 4.1 defn - Dehydrating agents 4.2 Significance
5	Jan	Clearing 5.1 defn & importance 5.2 clearing agents their merits & demerits
6	Jan	Embedding & Block making 6.1 Cold & hot infiltration 6.2 Paraffin 6.3 Section of paraffin according to need. 6.4 Melting & handling of paraffin 6.5 Types of oven 6.6 Embedding containers 6.7 Embedding procedure & faults 6.8 Block making, labelling & storage
7	Jan	Trimming & mounting 7.1 Trimming & mounting of trimmed block on microscope page

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ACADEMIC YEAR : 2018 - 2019

Name : Dr. S. S. Maske
Designation : Assistant professor
Department : Head, Dept. of Marathi



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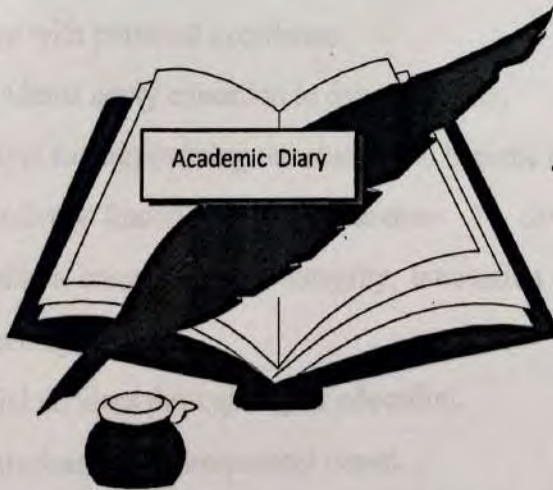
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Dr. Satish S. maske

Designation : Assistant professor

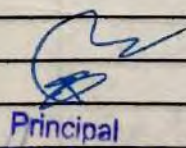
Department : Head, Dept. of Marathi



TEACHING PLAN

Class: S.Y.B.A. Sem.: III Subject: साहित्य स्वरूप विषय Paper Code.: MAR 233

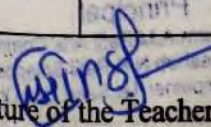
Sr. No.	Month	Topics/Practical's
01	जून जुलै	<p><u>साहित्याचे स्वरूप:</u></p> <ul style="list-style-type: none"> * साहित्य स्वरूप संस्कृत काव्य शब्द व्याप्ती * शास्त्रीय वाङ्मय आणि कालित वाङ्मय * पूर्वव्य साहित्यकारांनी साहित्याचे साहित्य लक्ष्ये * पार्श्वव्य साहित्याकांची साहित्य लक्षणे.
02	ऑगस्ट	<p><u>साहित्याचे प्रयोजन</u></p> <ul style="list-style-type: none"> * प्रयोजन स्वरूप व्याप्ती * प्रयोजनाचे प्रकार * ममयान साहित्याचे साहित्य प्रयोजने * पार्श्वव्य साहित्यकारांची साहित्य प्रयोजने
03	सप्टेंबर	<p><u>साहित्य निर्मिती प्रक्रियेचे स्वरूप:</u></p> <ul style="list-style-type: none"> * निर्मिती म्हणजे काय? * नवनिर्मितीचे स्वरूप वैशिष्ट्ये * निर्मिती आणि उत्पादन करणे * साहित्यनिर्मिती कारणे
04	ऑक्टोबर	<p><u>साहित्य प्रकारांची संकल्पना</u></p> <ul style="list-style-type: none"> * साहित्य प्रकार निर्मिती कारणे * साहित्याचे प्रमुख प्रकार * साहित्य प्रकारांचे वर्गीकरण * साहित्य प्रकार वैशिष्ट्ये. * टिचोरियल सेमिनर.



Principal

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TEACHING PLAN

Class : TYBA

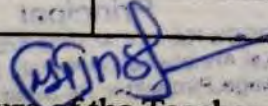
Sem. : V

Subject : आधुनिक मराठी वाङ्मयाय

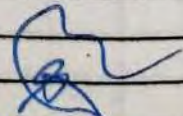
इतिहास

Paper Code. : MAH 353

Sr. No.	Month	Topics/Practical's
01	जून जुलै	<u>अध्ययन आढ्यापनाचे धरक / उद्येक</u>
		<ul style="list-style-type: none"> * १९२० ते १९६० मधील कथावाङ्मय * १९२० ते १९६० मधील प्रातिनिधिक कथाकारांचा स्मृत अन्वयास * विशावरी शिरूरकर * शंकरराव खरत
02	ऑगस्ट	<ul style="list-style-type: none"> * १९२० ते १९६० मधील कादंबरी वाङ्मय * १९२० ते १९६० या काळखंडातील प्रातिनिधिक कादंबरीकारांचा परिचय * सानेगुरुजी * श्री. ना. पडसे
03	सप्टेंबर ऑक्टोबर	<ul style="list-style-type: none"> १९२० ते १९६० या मधील निवडक साहित्यकृती * अबोली - वि. स. खाडके * बंनगरवाडी व्यंजेश माझुकर * टिटीरिथर सेमिनार



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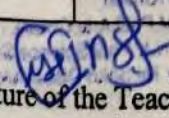
Principal

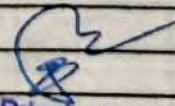
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TEACHING PLAN

Class : Fr. B. Com Sem. III Subject : अरबी Paper Code : 101

Sr. No.	Month	Topics/Practical's
01	जून जुलै	<p><u>जगेशजी राय (जे आर डी. राय)</u></p> <ul style="list-style-type: none"> * भारतीय उद्योजक * कौटुंबिक माहिती * शिक्षण / व्यवसाय * उद्योग क्षेत्रातील अरबी
02	ऑगस्ट	<p><u>जी. डी. बिर्ला</u></p> <ul style="list-style-type: none"> * भारतीय उद्योजक * कौटुंबिक माहिती * शिक्षण
03	सप्टेंबर	<p><u>जी. डी. बिर्ला</u></p> <ul style="list-style-type: none"> * जी. डी. बिर्ला उद्योग क्षेत्रातील अरबी * वलचंद हिराचंद देशी
04	ऑक्टोबर	<p><u>आव्यवक</u></p> <ul style="list-style-type: none"> * वलचंद हिराचंद देशी * भारतीय उद्योजक * कौटुंबिक माहिती * शिक्षण * उद्योग क्षेत्रातील अरबी * सेमिनार / टिप्पणी

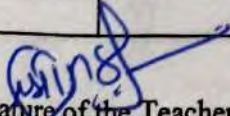

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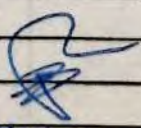

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TEACHING PLAN

Class : SYBA Sem.: II Subject : आत्मकथन कादंबरी Paper Code. : MAR 2314

Sr. No.	Month	Topics/Practical's
01	जून जुलै	<p style="text-align: center;"><u>कादंबरी</u></p> <ul style="list-style-type: none"> * कादंबरी स्वरूप, घटक * कादंबरीचे प्रकार * मराठी कादंबरीची वाटचाल * कादंबरी वाङ्मयाचे वेगळेपण
02	ऑगस्ट	<p style="text-align: center;"><u>शरंगदास</u></p> <ul style="list-style-type: none"> * लेखकाचा परिचय * शरंगदास कादंबरीचे कथानक * कादंबरीचा आशय *
03	सप्टेंबर	<p style="text-align: center;"><u>शरंगदास</u></p> <ul style="list-style-type: none"> * वेगळ्या विषयावरील कादंबरी * कादंबरीतील व्यक्तिरेखा, प्रसंग, संघर्ष
04	ऑक्टोबर	<p style="text-align: center;"><u>शरंगदास</u></p> <ul style="list-style-type: none"> * शरंगदास, कादंबरीतील संवाद, * भाषाशैली, निवेदन पध्दती * टिथ्यास्थळ, सोमनाव.


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Principal
PES's Kam. A.M. Patil Arts, Comm. & Kal. Annasehab N.K. Patil Science Sr. College, Pimpri Tal. Sakri Dist. Dhule
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TEACHING PLAN

Class: SYBA Sem.: IV Subject: साहित्य स्वरूप विचार Paper Code.: MAR 243

Sr. No.	Month	Topics/Practical's
01	<u>नोव्हेंबर डिसेंबर</u>	<p><u>साहित्याची भाषा</u></p> <ul style="list-style-type: none"> * भाषेचे विविध प्रकार समाजभाषा, प्रमाणभाषा, साहित्यिक भाषा * भाषेकू परिवर्तन करणारे घटक (कथ, लिंग, परिस्थिती, काळ) * शैलीचे स्वरूप व वैशिष्ट्य
02	<u>जानेवारी</u>	<p><u>शैलीचे प्रकार</u></p> <ul style="list-style-type: none"> ▷ आदर्य लशी शैली, लेखक तशी शैली साहित्यप्रकार तशी शैली ▷ साहित्यिक भाषेचे वेगळेपण
03		<p><u>साहित्य आणि समाज</u></p> <ul style="list-style-type: none"> * साहित्य आणि समाज परस्परसंबंध * लेखकाचे समाजाशी नाते * भाषा, काळ आणि समाज यांचा निर्मिती प्रक्रियेक होणारा परिणाम * समाजावर होणारा कलाकृतीचा परिणाम
03	<u>फेब्रुवारी</u>	<p><u>साहित्याची अभिकृती</u></p> <ul style="list-style-type: none"> * अभिकृती म्हणजे काय? * साहित्यिक अभिकृतीचे वेगळेपण * अभिकृतीचे विविध प्रकार (आत्म, जाण, कल्प) * अभिकृती नियत वरणाचे घटक (कामिष्ण) * (सांस्कृतिक, आर्थिक, वाङ्मयीन, वातावरण)
04	<u>मार्च</u>	<p><u>साहित्यसिद्धांतांची तोंडओकव</u></p> <ul style="list-style-type: none"> * रूससिद्धांत * शैतिविचार * आत्मकाव्येची * शाब्दिकता * टिथोरियक

Signature of the Teacher

Principal
 PES's Karm. A.M. Patil Arts, Comm.
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Class : T.Y.B.A.

Sem.: V

Subject : आधुनिक मराठी वाङ्मय

Paper Code. : MAR 36

Topics/Practical's

Sr. No.	Month	
01	नोव्हेंबर डिसेंबर	<p><u>कविता वाङ्मय :</u></p> <p>* १९२० ते १९६० मधील कविता वाङ्मय * १९२० ते १९६० या काळखंडातील प्रातिनिधिक कवियां (अभ्यास) * बाल्मिकी * वा. सी. मर्ढेकर</p>
02	जानेवारी फेब्रुवारी	<p><u>नाट्य वाङ्मय</u></p> <p>* १९२० ते १९६० नाट्य वाङ्मय परिचय * १९२० ते १९६० या काळखंडातील प्रातिनिधिक नाटककारांचा अभ्यास * प्र. के. अत्रे * वि. वा. शिरवाडकर</p>
03	मार्च	<p><u>प्रातिनिधिक साहित्यकृती</u></p> <p>* १९२० ते १९६० या काळखंडातील प्रातिनिधिक साहित्यकृती * काव्यसंग्रह निवडक बालकवी * श्रीमंत - विजय तेंडुलकर * टिपोग्राफिक / सेमिनार</p>

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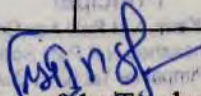
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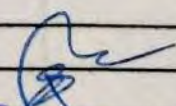
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TEACHING PLAN

Class : E-7. B. com Sem.: Subject : Paper Code :

Sr. No.	Month	Topics/Practical's
01	नोव्हेंबर डिसे	<ul style="list-style-type: none"> * धीरुभाई अंबानी * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील कामगिरी
02	जानेवारी	<ul style="list-style-type: none"> * राहुळ वजाज * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील भरारी.
03	फेब्रुवारी	<ul style="list-style-type: none"> * रतन टाटा * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील भरारी
04	मार्च	<ul style="list-style-type: none"> * आदित्य विक्रम विर्ठा * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील कामगिरी


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Sr. No.	Month	
01	नोवें. डिसेंबर	<u>निवडक ठळित गद्य</u> * ठळित गद्य मूळजे काय ? * ठळित गद्याची परंपरा * ठळित गद्य घटना, प्रसंग-भावना * साहित्य अकादमी पुरस्कार
02	जानेवारी	<u>निवडक ठळित गद्य</u> * स्वरूप * विषयांची विविधता * आशय * अभिव्यक्ति * आठवणी प्रसंग, आषाढी * निवडक ठळित गद्य वीडीव्हा
03	फेब्रुवारी	<u>ठळित लेख</u> * वॉय फ्रेंड * महेश्वरची महाइवेता, घर कौलाक * बेगबेघाय मगजक में हु किसी मुदीब म * कोसला लिहुन कदी साठी याची गोर * टाईमपास, स्मिता पाटील, * इतिहासातुल्या एका गावात * अरण्यातील आत्मज्ञान * एकही दिवस, पार्वतीभाय * टिपोरियल / सेमिनार
04	मार्च	

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TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Chandrakant N. Gharate
Designation : Assistant Professor
Department : English



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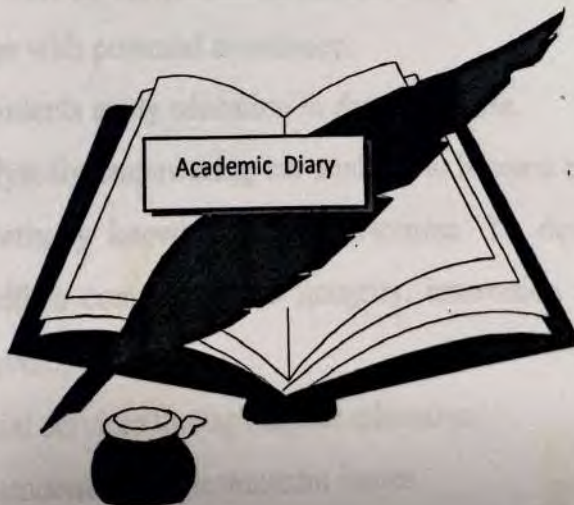
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Chandrakant N. Gharate

Designation : Assistant Professor

Department : English



TEACHING PLAN

Class: FYB.A Sem.: Ist Subject: Compulsory Eng. Paper Code.: CENG 101

Sr. No.	Month	Topics/Practical's
	July 18*	Short stories 1) A Cup of Tea - Katherine Mansfield 2) Why I Want a Wife - Judy Brady
	Aug-18*	Prose 1) Playing The English Gentleman - M.K Gandhi 2) With the photographs - Stephen Leacock
	Sept-18*	Poems 1) Where the mind is without fear - Rabindranath Tagore 2) Up-hill - Christina Rossetti
	Oct-18*	Writing skills 1) Report Writing 2) Interviews and Interviewing skills.
	Oct 18*	Grammars 1) Articles 2) Tenses 3) Synonyms 4) prepositions.
* Class - <u>FYB.A</u> * Sem - <u>Ist</u> * Sub-Optional Eng - <u>BSC 1A</u>		
	July 18	Unit - 1 - Short story - Definitions of Nature.
	Aug-18	Unit - 2 - Types of short stories Fables, Parables, character sketch, anecdotes.
	Sept-18	Unit - 3 - Aspects of short stories
	Sept 18	Unit 4 - Short story. 1) The Gift of the Magi - O'Henry.

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TEACHING PLAN

Paper Code. : _____

Class : _____ Sem. : _____ Subject : _____

Sr. No.	Month	Topics/Practical's
	Oct-18	2) The Lost Child - Mulk Raj Anand
		3) The Happy Prince - Oscar Wilde
		4) An Astrologer's Day - R. K. Nazayan
-----o-----o-----o-----		
Class: S-Y-B.A. Sem-III rd Sub-English Spl. Paper-I (S1) - ENG 202		

* Prescribed Units:-

July-18 1) Literary Background of the 16th century with special reference to drama & essay.

Aug-18 2) Lord Bacon's essays:-

- 1) Of studies
- 2) Of Youth and Age
- 3) Of Praise

Sept-18 4) Of friendship

5) Of Travel

Sept 19 Drama

Oct-18 The Duchess of Malfi
- John Webster

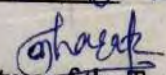
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Class: S-Y-B.A. Sem-III rd Sub-English Special Paper-II (S2) ENG 202		

* Prescribed Units:

July-18 1) Background study of essays and drama in the 18th and 19th century.

Aug-18 Essays - 1) Charles Lamb
① A Bachelor's Complaint

- ② All Fools Day
- 2) William Hazlitt
- ① Letter to his Son.

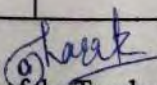

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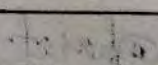
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TEACHING PLAN

Class: Fr. B. A Sem.: IInd Subject: Compulsory Eng Paper Code:

Sr. No.	Month	Topics/Practical's
	Dec-18	* Unit - I - Short stories. (1) The Thief - Ruskin Bond (2) The Gold Frame - R.K. Laxman.
	Jan-19	* Unit - II :- Prose (1) How much Land Does a Man Need? - Leo Tolstoy (2) Good Manner - J.C. Hill. * Unit - III - Poems (1) The Felling of the Banyan Tree - Dilip Chitre
	Feb-19	(2) It - Rudyard Kipling. * Unit - IV - Writing skills (1) Narration. (2) Summarising.
	Mar-19	* Unit V Grammar (1) Articles (2) Tenses (3) Antonyms (4) Prepositions.


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TEACHING PLAN

Class: FY B.A Sem.: II Subject: Optional English Paper Code.: Dsc-1-18

Sr. No.	Month	Topics/Practical's
	Nov-18	* Unit - 1 Definitions and Elements of poetry.
	Dec-18	* Unit - 2 Types of Poetry Lysic, Sonnet, Elegy, Ode
		* Unit: 3: Poems: Lysics and Sonnets
	Jan-19	1) Bright Star Would I steadfast as Thou Aut: - John Keats
		2) Blow Blow Thou Winter Wind William Shakespeare
		3) On His Blindness - John Milton
	Feb-19	4) Death Be not Proud - John Donne
		* Unit: 4: Elegy and Ode
		1) Elegy Written in Country Church Yard - Thomas Gray
		2) On my first Sonnet - Ben Johnson
	March 19	3) Ode to the West Wind - P.B. Shelley
		4) Dejection: An Ode - S.T. Coleridge

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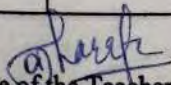
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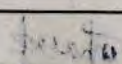
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TEACHING PLAN

Class: S.V.B.A Sem.: IV Subject: English Spl. Paper 7th Paper Code.: Eng 242

Sr. No.	Month	Topics/Practical's
		Prescribed Units:
Nov 18		* Literary Background of the 17 th century with
Dec 18		Special reference to novel and poetry
		* Poetry of the 17 th century
Dec 18		1) On His Blindness - John Milton
		2) The Sunne Rising - John Donne
Jan-19		3) Death Be not Proud - John Donne
		4) The Garden - Andrew Marvell
		5) Song for St. Cecilia's Day - John Dryden
		6) The Poet Shadwell from Mac Flecknoe (line 1-32) John Dryden
Feb/March		Novel
19		Gulliver's Travels (Book-I) Jonathan Swift


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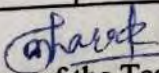

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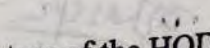
TEACHING PLAN

Class: SVB.A Sem: IV Subject: Eng. Spl. Paper - B ^{not} Paper Code: ENG-243

Topics/Practical's

Sr. No.	Month	Topics/Practical's
		* Prescribed Units:
	Nov/Dec 15	Background study of poetry and novel of the 18th and 19th century English literature.
		* Poems:-
		1) The Solitary Reaper - William Wordsworth
		2) Love :- S.T. Coleridge
	Jan 19	3) To A skylark - P.B. Shelley
	20	4) La Belle Dame Sans Merci - John Keats
	21	5) Ulysses - Alfred Lord Tennyson
	22	6) The Last Ridee - Robert Browning.
		* Novel
	Feb/Mar 19	Olivee Twist - Charles Dickens.


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TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Dr. S. S. Maske
Designation : Assistant professor
Department : Head, Dept. of Marathi



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Science Senior College Pimpalner, Tal.- Sakri, Dist.- Dhule.



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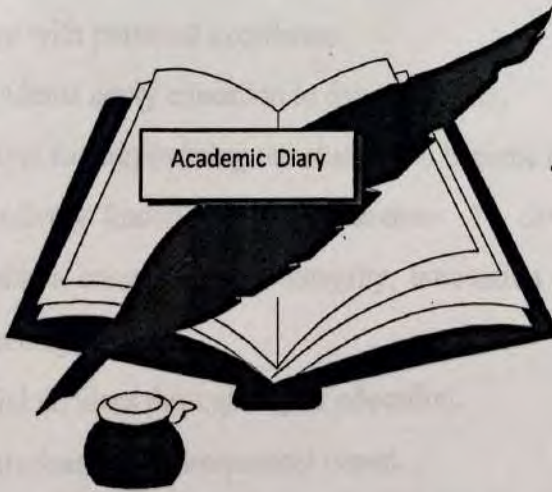
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Dr. Satish S. maske

Designation : Assistant professor

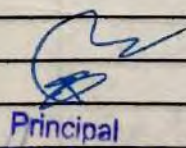
Department : Head, Dept. of Marathi



TEACHING PLAN

Class: S.Y.B.A. Sem.: III Subject: साहित्य स्वरूप विषय Paper Code.: MAR 233

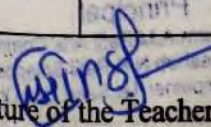
Sr. No.	Month	Topics/Practical's
01	जून जुलै	<p><u>साहित्याचे स्वरूप:</u></p> <ul style="list-style-type: none"> * साहित्य स्वरूप संस्कृत काव्य शब्द व्याप्ती * शास्त्रीय वाङ्मय आणि कालित वाङ्मय * पूर्वव्य साहित्यकारांनी साहित्यातील साहित्य लक्षणे * पार्श्वव्य साहित्याकांची साहित्य लक्षणे.
02	ऑगस्ट	<p><u>साहित्याचे प्रयोजन</u></p> <ul style="list-style-type: none"> * प्रयोजन स्वरूप व्याप्ती * प्रयोजनाचे प्रकार * ममयान साहित्यातील साहित्य प्रयोजने * पार्श्वव्य साहित्यकारांची साहित्य प्रयोजने
03	सप्टेंबर	<p><u>साहित्य निर्मिती प्रक्रियेचे स्वरूप:</u></p> <ul style="list-style-type: none"> * निर्मिती म्हणजे काय? * नवनिर्मितीचे स्वरूप वैशिष्ट्ये * निर्मिती आणि उत्पादन करणे * साहित्यनिर्मिती कारणे
04	ऑक्टोबर	<p><u>साहित्य प्रकारांची संकल्पना</u></p> <ul style="list-style-type: none"> * साहित्य प्रकार निर्मिती कारणे * साहित्याचे प्रमुख प्रकार * साहित्य प्रकारांचे वर्गीकरण * साहित्य प्रकार वैशिष्ट्ये. * टिचोरियल सेमिनर.



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TEACHING PLAN

Class : TYBA

Sem. : V

Subject : आधुनिक मराठी वाङ्मयाय

Paper Code. : MAAR 353

इतिहास

Sr. No.	Month	Topics/Practical's
01	जून जुलै	अध्ययन उद्योगाचे धरक / उद्योगी <ul style="list-style-type: none"> * १९२० ते १९६० मधील कथावाङ्मय * १९२० ते १९६० मधील प्रातिनिधिक कथाकारांचा स्मृत अन्वय * विशावरी शिरूरकर * शंकरराव खरत
02	ऑगस्ट	<ul style="list-style-type: none"> * १९२० ते १९६० मधील कादंबरी वाङ्मय * १९२० ते १९६० या काळखंडातील प्रातिनिधिक कादंबरीकारांचा परिचय * सानेगुरुजी * श्री. ना. पडसे
03	सप्टेंबर ऑक्टोबर	<ul style="list-style-type: none"> १९२० ते १९६० या मधील निवडक साहित्यकृती * अबोली - वि. स. खाडके * वनवरावाडी व्यंजेश माझुकर * टिटीरिथर सेमिनार

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PES's Karm. A.M. Petil Arts, Comm. & Kal. Annasaheb N.K. Patil Science Sr. College, Pimpalner Tal. Sakri Dist. Dhule
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TEACHING PLAN

Class : Fr. B. Com Sem. III Subject : अरबी Paper Code : 101

Sr. No.	Month	Topics/Practical's
01	जून जुलै	<p><u>जगेशजी राय (जे आर डी. राय)</u></p> <ul style="list-style-type: none"> * भारतीय उद्योजक * कौटुंबिक माहिती * शिक्षण / व्यवसाय * उद्योग क्षेत्रातील अरबी
02	ऑगस्ट	<p><u>जी. डी. बिर्ला</u></p> <ul style="list-style-type: none"> * भारतीय उद्योजक * कौटुंबिक माहिती * शिक्षण
03	सप्टेंबर	<p><u>जी. डी. बिर्ला</u></p> <ul style="list-style-type: none"> * जी. डी. बिर्ला उद्योग क्षेत्रातील अरबी * वलचंद हिराचंद देशी
04	ऑक्टोबर	<p><u>आव्यवक</u></p> <ul style="list-style-type: none"> * वलचंद हिराचंद देशी * भारतीय उद्योजक * कौटुंबिक माहिती * शिक्षण * उद्योग क्षेत्रातील अरबी * सेमिनार / टिप्पणी

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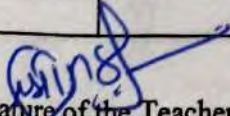
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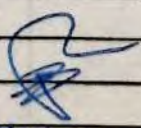
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TEACHING PLAN

Class : SYBA Sem.: II Subject : आत्मकथन कादंबरी Paper Code. : MAR 2314

Sr. No.	Month	Topics/Practical's
01	जून जुलै	<p style="text-align: center;"><u>कादंबरी</u></p> <ul style="list-style-type: none"> * कादंबरी स्वरूप, घटक * कादंबरीचे प्रकार * मराठी कादंबरीची वाटचाल * कादंबरी वाङ्मयाचे वेगळेपण
02	ऑगस्ट	<p style="text-align: center;"><u>शरंगदास</u></p> <ul style="list-style-type: none"> * लेखकाचा परिचय * शरंगदास कादंबरीचे कथानक * कादंबरीचा आशय *
03	सप्टेंबर	<p style="text-align: center;"><u>शरंगदास</u></p> <ul style="list-style-type: none"> * वेगळ्या विषयावरील कादंबरी * कादंबरीतील व्यक्तिरेखा, प्रसंग, संघर्ष
04	ऑक्टोबर	<p style="text-align: center;"><u>शरंगदास</u></p> <ul style="list-style-type: none"> * शरंगदास, कादंबरीतील संवाद, * भाषाशैली, निवेदन पध्दती * टिथारथल, सोमनाथ.

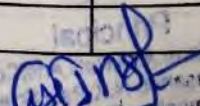

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TEACHING PLAN

Class: SYBA Sem.: IV Subject: साहित्य स्वरूप विचार Paper Code.: MAR 243

Sr. No.	Month	Topics/Practical's
01	<u>नोव्हेंबर डिसेंबर</u>	<p><u>साहित्याची भाषा</u></p> <ul style="list-style-type: none"> * भाषेचे विविध प्रकार समाजभाषा, प्रमाणभाषा, साहित्यिक भाषा * भाषेकू परिवर्तन करणारे घटक (काल, परिस्थिती, काद.) * शैलीचे स्वरूप व वैशिष्ट्य
02	<u>जानेवारी</u>	<p><u>शैलीचे प्रकार</u></p> <ul style="list-style-type: none"> ▷ आदर्य लशी शैली, लेखक तशी शैली. साहित्यप्रकार तशी शैली. ▷ साहित्यिक भाषेचे वेगळेपण
03		<p><u>साहित्य आणि समाज</u></p> <ul style="list-style-type: none"> ▷ साहित्य आणि समाज परस्परसंबंध ▷ लेखकाचे समाजाशी नाते * भाषा, काद आणि समाज यांचा निर्मिती प्रक्रियेक होणारा परिवर्तन ▷ समाजावर होणारा कलाकृतीचा परिवर्तन
03	<u>फेब्रुवारी</u>	<p><u>साहित्याची अभिकृती</u></p> <ul style="list-style-type: none"> * अभिकृती म्हणजे काय? * साहित्यिक अभिकृतीचे वेगळेपण * अभिकृतीचे विविध प्रकार (आत्म, जाण, कल्पना) ▷ अभिकृती नियत वरणाचे घटक (काल, परिस्थिती, काद.) ▷ (सांस्कृतिक, आर्थिक, वाढमय, वातावरण)
04	<u>मार्च</u>	<p><u>साहित्यसिद्धांतांची तोंडओकव</u></p> <ul style="list-style-type: none"> ▷ रूससिद्धांत ▷ शैतिविचार * आत्मकाव्येची * शाब्दिकता ▷ टिथोरियक


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Class : T.Y. B.A.

Sem. : V

Subject : आधुनिक मराठी वाङ्मय

Paper Code. : MAR 36

Topics/Practical's

Sr. No.	Month	
01	नोव्हेंबर डिसेंबर	<p><u>कविता वाङ्मय :</u></p> <p>* १९२० ते १९६० मधील कविता वाङ्मय * १९२० ते १९६० या काळखंडातील प्रातिनिधिक कवियां अभ्यास * बाल्ढावाड * वा. सी. मर्ढेकर</p>
02	जानेवारी फेब्रुवारी	<p><u>नाट्य वाङ्मय</u></p> <p>* १९२० ते १९६० नाट्य वाङ्मय परिचय * १९२० ते १९६० या काळखंडातील प्रातिनिधिक नाटककारांचा अभ्यास * प्र. के. अत्रे * वि. वा. शिर्वाडकर</p>
03	मार्च	<p><u>प्रातिनिधिक साहित्यकृती</u></p> <p>* १९२० ते १९६० या काळखंडातील प्रातिनिधिक साहित्यकृती * काव्यसंग्रह निवडक बालकवी * क्षीमंत - विजय तेंडुलकर * टिपेरिक / सेमिनार</p>

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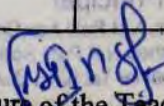
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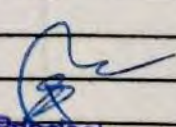
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TEACHING PLAN

Class : F.Y.B. Com. Sem.: _____ Subject : _____ Paper Code : _____

Sr. No.	Month	Topics/Practical's
01	जोषी डिस.	<ul style="list-style-type: none"> * धीरुभाई अंबानी * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील कामगिरी
02	जानेवारी	<ul style="list-style-type: none"> * राहुळ वजाज * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील भरारी.
03	फेब्रुवारी	<ul style="list-style-type: none"> * रतन टाटा * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील भरारी
04	मार्च	<ul style="list-style-type: none"> * आदित्य विक्रम विर्ठा * कौटुंबिक पाठ्यक्रम * शिक्षण * उद्योगक्षेत्रातील कामगिरी


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Sr. No.	Month	
01	नोवें. डिसेंबर	<u>निवडक ठळित गद्य</u> * ठळित गद्य मूळजे काय ? * ठळित गद्याची परंपरा * ठळित गद्य घटना, प्रसंग-भावना * साहित्य अकादमी पुरस्कार
02	जानेवारी	<u>निवडक ठळित गद्य</u> * स्वरूप * विषयांची विविधता * आशय * अभिव्यक्ति * आवणी प्रसंग, भाषाशैली * निवडक ठळित गद्य वीडीव्हा
03	फेब्रुवारी	<u>ठळित लेख</u> * वॉय फ्रेंड * महेश्वरची महाइवेता, घर कौलाक * वेगवेगळे मराजक में हु किसी मुदीव म * कोसला लिहुन कदी साठी याची गोर * टाईमपास, स्मिता पाटील, * इतिहासातुल्या एका गावात * अरण्यातील आत्मज्ञान * एकही दिवस, पार्वतीभाय
04	मार्च	* टिपोरियल / सेमिनार

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TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Chandrakant N. Gharate
Designation : Assistant Professor
Department : English



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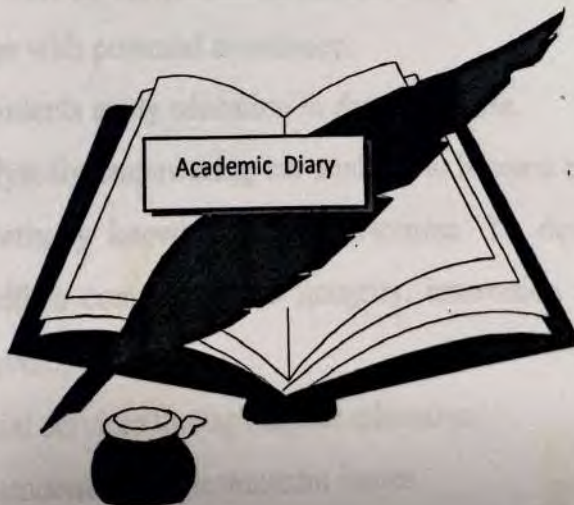
TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Prof. Chandrakant N. Gharate

Designation : Assistant Professor

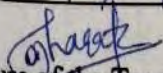
Department : English



TEACHING PLAN

Class: FYB-A Sem.: Ist Subject: Compulsory Eng. Paper Code.: CENG 101

Sr. No.	Month	Topics/Practical's
	July 18*	Short stories 1) A Cup of Tea - Katherine Mansfield 2) Why I Want a Wife - Judy Brady
	Aug-18*	Prose 1) Playing The English Gentleman - M.K Gandhi 2) With the photographs - Stephen Leacock
	Sept-18*	Poems 1) Where the mind is without fear - Rabindranath Tagore 2) Up-hill - Christina Rossetti
	Oct 18*	Writing skills 1) Report Writing 2) Interviews and Interviewing skills.
	Oct 18*	Grammars 1) Articles 2) Tenses 3) Synonyms 4) prepositions.
* Class - <u>FYB-A</u> * Sem - <u>Ist</u> * Sub-Optional Eng - <u>BSC 1A</u>		
	July 18	Unit - 1 - Short story - Definitions of Nature.
	Aug-18	Unit - 2 - Types of short stories Fables, Parables, character sketch, anecdotes.
	Sept-18	Unit - 3 - Aspects of short stories
	Sept 18	Unit 4 - Short story. 1) The Gift of the Magi - O'Henry.


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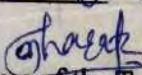
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TEACHING PLAN

Paper Code: _____

Class: _____ Sem.: _____ Subject: _____

Sr. No.	Month	Topics/Practical's
	Oct-18	2) The Lost Child - Mulk Raj Anand
		3) The Happy Prince - Oscar Wilde
		4) An Astrologer's Day - R.K. Nazayan
-----o-----o-----o-----		
Class: S-Y-B.A. Sem-III rd Sub-English Spl. Paper-I (S1) - ENG 202		
* Prescribed Units:-		
	July-18	1) Literary Background of the 16 th century with special reference to drama & essay.
	Aug-18	2) Lord Bacon's essays:-
		1) Of studies
		2) Of Youth and Age
		3) Of Praise
	Sept-18	4) Of friendship
		5) Of Travel
	Sept 19	Drama.
	Oct-18	The Duchess of Malfi - John Webster
-----o-----o-----o-----		
Class: S-Y-B.A. Sem-III rd Sub-English Special Paper-II (S2) ENG 202		
* Prescribed Units:		
	July-18	1) Background study of essays and drama in the 18 th and 19 th century.
	Aug-18	Essays- 1) Charles Lamb
		① A Bachelor's Complaint
		② All Fools Day
		2) William Hazlitt
		① Letter to his Son.

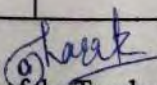

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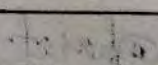
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TEACHING PLAN

Class: Fr. B. A Sem.: IInd Subject: Compulsory Eng Paper Code:

Sr. No.	Month	Topics/Practical's
	Dec-18	* Unit - I - Short stories. (1) The Thief - Ruskin Bond (2) The Gold Frame - R.K. Laxman.
	Jan-19	* Unit - II :- Prose (1) How much Land Does a Man Need? - Leo Tolstoy (2) Good Manner - J.C. Hill. * Unit - III - Poems (1) The Felling of the Banyan Tree - Dilip Chitre
	Feb-19	(2) It - Rudyard Kipling. * Unit - IV - Writing skills (1) Narration. (2) Summarising.
	Mar-19	* Unit V Grammar (1) Articles (2) Tenses (3) Antonyms (4) Prepositions.


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TEACHING PLAN

Class: FY B.A Sem.: II Subject: Optional English Paper Code.: Dsc-1-18

Sr. No.	Month	Topics/Practical's
	Nov-18	* Unit - 1 Definitions and Elements of poetry.
	Dec-18	* Unit - 2 Types of Poetry Lysic, Sonnet, Elegy, Ode
		* Unit: 3: Poems: Lysics and Sonnets
	Jan-19	1) Bright Star Would I steadfast as Thou Aut: - John Keats
		2) Blow Blow Thou Winter Wind William Shakespeare
		3) On His Blindness - John Milton
	Feb-19	4) Death Be not Proud - John Donne
		* Unit: 4: Elegy and Ode
		1) Elegy Written in Country Church Yard - Thomas Gray
		2) On my first Sonnet - Ben Johnson
	March 19	3) Ode to the West Wind - P.B. Shelley
		4) Dejection: An Ode - S.T. Coleridge

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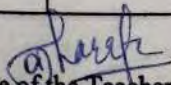
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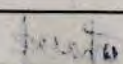
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TEACHING PLAN

Class: S.V.B.A Sem.: IV Subject: English Spl. Paper 7th Paper Code: Eng 242

Sr. No.	Month	Topics/Practical's
		Prescribed Units:
Nov 18		* Literary Background of the 17 th century with
Dec 18		Special reference to novel and poetry
		* Poetry of the 17 th century
Dec 18		1) On His Blindness - John Milton
		2) The Sunne Rising - John Donne
Jan-19		3) Death Be not Proud - John Donne
		4) The Garden - Andrew Marvell
		5) Song for St. Cecilia's Day - John Dryden
		6) The Poet Shadwell from Mac Flecknoe (line 1-32) John Dryden
Feb/March		Novel
19		Gulliver's Travels (Book-I) Jonathan Swift


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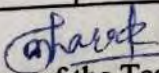

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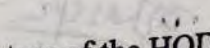
TEACHING PLAN

Class: SVB.A Sem: IV Subject: Eng. Spl. Paper - B ^{not} Paper Code: ENG-243

Topics/Practical's

Sr. No.	Month	Topics/Practical's
		* Prescribed Units:
	Nov/Dec 15	Background study of poetry and novel of the 18th and 19th century English literature.
		* Poems:-
		1) The Solitary Reaper - William Wordsworth
		2) Love :- S.T. Coleridge
	Jan 19	3) To A skylark - P.B. Shelley
	20	4) La Belle Dame Sans Merci - John Keats
	21	5) Ulysses - Alfred Lord Tennyson
	22	6) The Last Ridee - Robert Browning.
		* Novel
	Feb/Mar 19	Olivee Twist - Charles Dickens.


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Pimpalner, Tal.- Sakri, Dist.- Dhule.**



NAAC Reaccredited 'B' Grade

TEACHER'S DIARY

ACADEMIC YEAR : 2018 - 2019

Name : Dr. W. B. SHIRGATH
Designation : Associate Professor
Department : Chemistry



TEACHING PLAN

Class: S.Y.B.Sc Sem.: I Subject: Chemistry

Paper Code.: CHP-231

Sr. No.	Month	Topics/Practical's
1	June-2018	Synthesis Writing & discussion about Paper
2	July-2018	<p>Chapter - I - Chemical thermodynamics</p> <p>Introduction, Helmholtz free energy, ΔG for reaction, Gibbs free energy ΔG for reaction</p> <p>Properties and significance of free energy change</p> <p>calculation of free energy changes, fugacity of activity coefficient, activity concept</p> <p>The reaction isotherm, std. free energy change of formation, criteria of equilibrium</p> <p>Physical equilibria involving pure substances, Clapeyron eqⁿ & its use, v.p. of liquid and vapour of v.p. with temperature, Clausius-Clapeyron eqⁿ Different form of Clausius-Clapeyron equation Application of Clausius-Clapeyron eqⁿ, Related numerical</p>
3	August-2018	<p>Chapter-2 - Solution</p> <p>Introduction, Solubility, factors affecting solubility</p> <p>Types of solution, Different ways of expressing the concentration of solution, Ideal and Non-Ideal solⁿ</p> <p>Raoult's law and its limitation, The v.p. of actual liquid pairs the v.p. of ideal solⁿ</p> <p>Classification of binary solⁿ of completely miscible liquids - (Type-I, Type-II & Type-III) on the basis of Raoult's law.</p> <p>B.p. diagram of miscible binary mixture</p> <p>Distillation of binary miscible solⁿ, Azeotropes the fractionating column, Solubility of partially miscible liquid pairs, phase diagram - phenol-water system Diethylamine-water & Nicotine water system</p> <p>Chapter-3 - Chemistry of transition elements</p> <p>Elements of first, second and third transition series.</p> <p>General characteristics of d-block elements.</p>

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TEACHING PLAN

Sr. No.	Month	Topics/Practical's
1	July - 2018	<p>Chapter - 1 - Electrolytic Conductance - Electrolyte conductance, Equivalent conductance Determination of conductance, Variation of conductance with concentration, equivalent conductance at infinite dilution, Kohlrausch's law and its application Application of conductance measurement.</p> <ol style="list-style-type: none"> 1) Solubility of sparingly soluble salts 2) Determination of degree of ionization 3) Determination of Ionic product of water 4) Conductometric titration, Acid-Base titration <p>Numerical problems related to topic</p>
		<p>Chapter - 2nd - Surface Chemistry. Introduction, Adsorption, mechanism of Adsorption factors affecting adsorption of gases by solids</p>
2	August 2018	<p>Difference betⁿ Adsorption & Absorption Types of Adsorption, Physical & chemical adsorption Types of adsorption isotherm - 1) Freundlich adsorption 2) Langmuir adsorption (Derivation)</p>
		<p>Chapter - 3rd - Mathematical Preparation in Chemistry <u>Logarithm</u> - Rules of logarithm, Characteristics & mantissa of logarithm, Negative logarithm, Numerical based on application of logarithm in calculating pH with change of base of logarithm, Antilogarithm <u>Graphical representation</u> - Rules for drawing graph, coordinate etc. Formulae of st. line slope and Intercept, plotting the graph from the chemical properties and problems.</p>
		<p><u>Differential</u> - Rules of differentiation (without proof) Algebraic, logarithmic and exponential functions and Numerical</p>
Sept - 2018		<p><u>Integration</u> - Rules of Integration (without proof) Integration with limit, Algebraic logarithmic and exponential functions and Numerical Numerical related to Chemistry</p>

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Sr. No.	Month	Topics/Practical's
		Physical Chemistry Experiment (any-2)
1	July - 2018	1) Determination of critical solution temp. of phenol-water system 2) Determination of Molarities & strength of HCl titrating with std. NaOH 3) Construct Daniel cell & determine thermodynamic parameters ΔG , ΔH , ΔS of the cell. 4) Determine mol. wt. of liquid by steam distillation.
2	August - 2018	Volumetric analysis 1) Estimation of Acetic acid in commercial vinegar using NaOH 2) Estimation of Aspirin in drug sample. 3) Estimation of Fe(II) by redox titration with $K_2Cr_2O_7$ 4) Estimation of Mg^{2+} by complexometric titration with EDTA.
3	Sept - 2018	Chromatography Separation of mixture of o-nitroaniline and p-nitroaniline by TLC & determine R _f values organic preparation 1) Semicarbazone derivative of Aldehyde & Ketone 2) Benzoyl derivative of -OH & -NH ₂
	Oct-2018	Inorganic Preparation (any-2) a) Tetraammine (Cr^{III}) Sulphate b) Hexamine (Ni^{II}) Chloride Internal Practical Examination

TEACHING PLAN

Class: Cy.B.Sc. Sem.: II Subject: Chemistry Practic Paper Code: CH-103

Sr. No.	Month	Topics/Practical's
		Physical Chemistry Experiment (any-3)
1	July - 2018	1) Calibration of Volumetric flask / Pipette. 2) To determine the eq.wt of mg metal by Radiometer method 3) Determination of dissociation constant of weak monobasic acid (C ₂₀ H ₁₇ O ₂) by conductance measurement. 4) Determination of the Solubility Soluble Salt by conductometry
2	August - 2018	5) To investigate the adsorption of oxalic acid from aqueous sol ⁿ by activated charcoal & examine the validity of Freundlich and Langmuir adsorption Isotherm. 6) To standardize Commercial Sample of HCl using Borax and to write material safety data of the chemical involved Analytical Chemistry Experiments 1) preparation of std. sol ⁿ of K ₂ Cr ₂ O ₇ sol ⁿ and standardization of K ₂ Cr ₂ O ₇ sol ⁿ 2) preparation of std. sol ⁿ of Na ₂ S ₂ O ₈ and standardization of AgNO ₃ sol ⁿ 3) preparation of std. sol ⁿ of K ₂ Cr ₂ O ₇ and standardization of ferrous ferrous ammonium sulphate sol ⁿ
3	Sept-2018	4) Determination of loss per gram % of purity of zinc carbonate gravimetrically. 5) Determination of loss per gram % of purity of mixture Na ₂ CO ₃ & Na ₂ SO ₄ Inorganic Analytical Chemistry Compound No-1 Compound No-2
4	Oct-2018	Inorganic O.A. - Compound No-3 Compound No-4 & Compound No-5 Internal practical examination.

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TEACHING PLAN

Sr. No.	Month	Topics/Practical's
1	Dec-2018	<p>chapter 2 The Gaseous State</p> <p>The kinetic theory of ideal gases. Assumptions of kinetic theory of gases, kinetic gas equation, and its significance, Deduction of Avogadro's Principle, Graham's law, Kinetic energy of translation, Derivation of ideal gas, Hom. ideal behaviour, Reasons for deviations: compressibility factor, Vander-Waals eqⁿ its application, Andrews isotherm of CO₂, defining both critical constant and Vander-Waals constant, Liquification of gases, Joule-Thomson effect, related numericals</p>
2	Jan - 2019	<p>2- Liquid State - Introduction, S.T. of liquid, units of S.T. Factors affecting S.T. determination of S.T. of liquids by single capillary method and stalagmometer method.</p> <p>Viscosity of liquid, units of viscosity, measurement of viscosity of liquid by Ostwald's method, related numerical.</p> <p>3. → 3rd law of thermodynamics - Introduction, Limitation of first law of thermodynamics, Spontaneous & nonspontaneous process with example, Statement of 2nd law of thermodynamics, Entropy, Entropy changes in isolated system, Entropy changes for systems, Entropy of mixing of gases, Entropy changes in ideal gases & physical transformation, numerical (Related problems.)</p>
3	Feb- 2019	<p>metals & metallurgy - occurrence of metals, various steps involved in metallurgical process, Concentration of ore, Calcination, Roasting, Reduction to free metals, Electrometallurgy, Hydrometallurgy, Refining of metal.</p>

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TEACHING PLAN

Class: PY. B.Sc Sem.: II Subject: Chemistry Paper Code.: CH-201

Sr. No.	Month	Topics/Practical's
		<u>P-block elements</u>
	<u>Feb-2019</u>	<p>Electronic configuration of p-block elements Variation in Properties, atomic radius, Ionization energy, electron affinity, electronegativity, metallic character, oxidation state, reactivity. Acidic & basic character of hydrides of p-block elements Bonding and shape of following molecules, Al, SiO_2 Diamond & graphite P_4, SO_2 and ClF_3</p>
	<u>Mar-2019</u>	<p><u>Internal Examination - theory & Practical</u> <u>External - Practical Examination</u></p>

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TEACHING PLAN

Class: _____ Sem.: _____ Subject: _____ Paper Code: _____

Sr. No.	Month	Topics/Practical's
		Chemistry of Actinoid elements
		Electronic structure, Position in periodic table, oxidation states, occurrence of actinoids
		Preparation of actinoids using - α Neutron bombardment
		i) Accelerated projectile bombardment.
		ii) Heavy ion bombardment.
		Unit-test
Mar-2018		Molecular orbital theory (MOT)
		Molecular orbital method
		LCAO method
		s-s, s-p, p-p, p-d & d-d combination of orbital.
		Non bonding combination of orbital
		Rules for linear combination of orbitals
		Molecular orbital treatment for diatomic molecules - $H_2, H_2^+, H_2^-, Li_2, Be_2, B_2, N_2, O_2, F_2$
		Molecular orbital treatment for hetero nuclear diatomic molecules - CO, NO & HCl.
April-2019		Commence of Practical & theory examination

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TEACHING PLAN

Class: B.Sc. Sem.: II Subject: Chemistry Paper Code.: CH-203

Sr. No.	Month	Topics/Practical's
		A) Physical Chemistry experiment.
	Dec-2018	1) Determination of heat of soln ⁿ KNO_3 / water by water equivalent method.
		2) Determination of relative viscosity of liquid A & B by using viscometer.
		3) Determination of normality & strength of acid (HCl / H_2SO_4) conductometrically.
		4) Determination of % composition (v/v) of given mixture of ethyl alcohol & water by viscometer.
		B) Analytical Chemistry exp ^t
	Jan-2019	1) Preparation of std. 0.05N Potassium hydrogen Phthalate sol ⁿ & standardization of NaOH sol ⁿ .
		2) Preparation of std. 0.05N EDTA sol ⁿ & standardization of Mg^{2+} sol ⁿ .
		3) Preparation of 0.1N $BiCl_3$ sol ⁿ & standardization of NaOH sol ⁿ .
		4) Estimation of Aniline / Phenol.
		Organic qualitative analysis
	Feb-2019	1) Type determination
		2) Preliminary test
		3) Physical constant
		4) Functional group test
		Analyse 4 compounds-
		Internal practical examination.

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TEACHING PLAN

Class: S.Y.B.Sc. Sem.: II Subject: Chemistry Practical Paper Code.: CH-243

Sr. No.	Month	Topics/Practical's
		<u>Physical Chemistry Experiment</u>
1	Dec-2018	1) Determination of mol. wt of solute by depression of f.p. method. 2) Determination of mol. wt of non volatile solute by using Landberger's appts. 3) Determination of std. electrode Potential Cu^{2+} or Ag^{+} / Zn^{2+} electrode potentiometrically.
2	Jan-2019	<u>organic qualitative analysis</u> Determination of - 1) Type 2) Preliminary test- 3) Physical constant 4) Elements. 5) functional group test- 6) Structure. Analyse 4 four organic compounds -
3	Feb-2019	<u>Gravimetric analysis</u> 1) Estimation of Ni as NiO (by counterpoise method). 2) Estimation of Ba as BaSO ₄ (by ignition using filter paper). 3) Estimation of Pb as PbCrO ₄ (by gravimetric method or by counterpoise method). - Internal practical examination.

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