

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term - I/II

Name of Teacher PROF. V. S. PATIL

Department ENGLISH

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
① P.Y. B.A. Comp. English	July	The Gift of Magic	
	18	A Cup of Tea	8
		Why I want a Wife	8
	Aug	Playing the English Gentleman	8
	18	with the Photographer	8
	Sept	Where the Mind is without Fear	8
	18	1/p-hill	8
	Oct	Spoken skills	4
	18	writing skills	3
		Grammar	3
Total -			58
② S.Y. B.A. Eng. &	July	Novel. Silas Marner	16
	18	Silas Marner	04
	Aug	Definitions of novel	10
	18	Aspects of Novel	06
	Sept	Types of Novel	16
	18		
Oct	Types of Novel	10	
Total -			62

Signature of H.O.D.

Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term Vth

Name of Teacher Prof. V. S. Pati

Department English

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
③ F.Y.B.A Opt. Eng. CB-ES	July	The Gift of Magi	10
	18	The Lost Child	06
	Aug.	The Lost Child	04
		18	The Happy Prince
	Sept:	An Astrologer's Day	10
	18	Short story Definitions	06
	Oct.	Types of short story	08
	18	Aspects of short story	08
Total			64
④ T.Y.B.A Eng. SS	July	Background study: Indians	16
	18	English: Drama and Novel	
	Aug.	Chitra - Tagore	16
		18	
	Sept.	Chitra -	04
	18	The Holder of the word	12
Oct.	The Holder of the word	04	
Total			52

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term 1/4

Name of Teacher PROF. V. S. PATIL

Department English

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
M. A - II American Lit.	July	Background Study	08
	16	Poetry - Ralph Waldo Emerson	08
	Aug.	Walt Whitman	08
	18	Emily Dickinson	08
	Sept.	Robert Frost	08
	18	A Farewell To Arms	8
	Oct.	The Scarlet Letter	14
18			
		Total	62

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Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.
(Year 2018-2019) Sem-I/II/III/IV/V/VI

Name of the Teacher: Prof. Mrs. Neeta Rajendra Chonding

Department: Economics

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allocate
PVB con micro	June	Introductory lectures Bridge course	05
Economics	July	Chap-I. Microeconomics. - Some Basics -	12
		Chap-II Demand Analysis	04
	August	Chap-III Demand Analysis - - Demand forecasting, Price Elasticity - measured	06
		Chap-III Indifference Curve Analysis of Demand - Indifference curve - Supply curve	06
		Chap-IV - Indifferent Curve Analysis - Meaning, properties, map	04
	Sept	Chap-IV - Assumption, Budgetline. - Effect of changes in price and Income	06
		Chap V - Theory of production	10
	Oct	Chap VI Production cost Analysis. Types of cost, and cost curve Short Run Average cost curve - Long Run cost curve, U" shape 'L' shaped cost curve -	10

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Signature of Teacher



Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.
(Year 2018-2019) Sem-I/II/III/IV/V/VI

Name of the Teacher: Prd. Mrs. Neeta Rajendra Chondiy

Department: Economics.

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
TU Econ Indian Economic Scenario	July	Chap-I - present position of India Economy	08
		Chap-II - Population in India - size, Growth, Demographic issue, Occupational distribution	08
	August	Chap-III - Human Resource development	03
	Sept	Chap-IV - Agriculture Sector in India	08
	sept.	Chap-V - Industrial and Services in India. - Role, Problems of Industrialization, small scale Industries, Public Sector Enterprise -	105
		Growth and Contribution of Service Sector in Indian Economy	03
	oct-	Chap-VI Infrastructural Development in India. - significance of Transport, communication systems, Sources of Energy.	08

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Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2018-2019) Sem- I/II/III/IV/V/VI

Name of the Teacher: Prof Mrs. Neeta Rajendra Chaudhary

Department: Economics

TEACHING PLAN

Class and Subject:	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted	
Subcan modern Banking and Financial system	June	Introductory lectures	04	
	July	Chap I - Commercial Banks in India	08	
		Chap II - Cooperative Banks in India	08	
	August	Chap III - problem of Non-performing Assets - Definition, Impact, Identification	08	
		Chap. IV - Financial Inclusion - Introduction, Evidences, Benefits, process	08	
		Sept	Chap. V - Micro Finance - Introduction, H60s and SHGs in Micro Finance, - Developmental positive side, Negative side	16
	Oct.	Chap VI - Reserve Bank of India - Establishment, objectives and Administration, - functions of RBI	08	

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Neeta
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Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2018-2019) Sem-I/II/III/IV/V/VI

Name of the Teacher: Prof. Mrs. Neelu Rajendra Chaudhary

Department: Economics

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
	June	- Introductory Lectures -	
TYBA	JULY	Chap. I. Public Finance -	02
Public Finance and policy-I		meaning, Role, The Principal of maximum social advantage	12
		Chap II, Public Revenue -	
		Sources of Public Revenue, Tax, Merits	04
	August	Chap. III - kinds of taxation, Vat, service Tax -	10
		Taxable Capacity	
		Chap III - Incidence of Taxation and Approaches of Taxation -	06
		concept of Impact, Incidence and shifting of tax	
	Sept	Chap III - Approaches of Taxation -	
		• The Benefit Approach	
		• Ability to pay Approach	
		Effects	16
	Oct.	Chap. IV - Government Expenditure -	
		Meaning, Need, tools, Cost	08

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Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

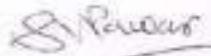
(Year 2018-2019) Sem- I/ II/ III/ IV/ V/ VI

Name of the Teacher: Prof. Mrs. Neetu Rajendra Chordiya

Department: Economics

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
6-UBA Indian Economy since 1980	July	Chap I - Nature of Indian Economy - Developing Economy mixed Eco National Resource Problems of Deforestation, Pollution, mining water. LPG	16
	August	Chap II - Human Resources and Development - Population and economic development, indicators, Problems of High Population Recent, National Population Policy	16
	Sept	Chap III - Infrastructure and Transport - Energy, Types of Transport, Irrigation, Communication and Information Tech.	16
	Oct.	Chap IV - Agriculture and Indian Economy - Role, Nature, and Productivity Agriculture finance Problems of farm sector	10


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Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term - I/II

Name of Teacher P. K. Kotecha S. Kotecha

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
F.R. Compt Computer Skills (O.P.S.) (Sem I)	June 2018	i) Bridge Lecture	04
		ii) Microsoft office - MS-Word	04
		MS Word - i) Modifying the style - font & appearance the text	10
		ii) Organize information by columns & tables & Practicals	
		MS PowerPoint - i) Basics in the PowerPoint 2013 version	
		ii) Create presentation & Practicals	
		iii) Add animation audio & video	
		* MS office 2013 - Excel -	
		i) Introduction of Ex-1 & Practicals	
		ii) Working with data of Excel table	10
	iii) Performing Calculating on data		
	iv) Using Pivot Tables & Pivot Charts		
	* Tally - i) Introduction to Comp Based Accounting & Practicals		
	ii) Introduction of Tally ERP 9 Release 5	15	
	sep 2018	i) Introduction to Tally ERP 9 Release 5	15
		ii) Voucher Entry & Practicals	
	oct-2018	i) Voucher Entry	11
		ii) Trial Balance & Final Acco unts Practicals Revision	

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term - III

Name of Teacher P. K. Kotecha Rajkumar S. Kotecha

Department Computer & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
S.Y. B Com	June 2018	Bridge Lectures	04
Computing & Management (B.Com)	July 2018	Unit 1 - Accounting Using Tally (app)	04
(Smt III)	July 2018	Unit 1 - Accounting Using Tally (app)	08
		Unit 2 - Stock & Receivables	
		Unit 3 - Bill wise Details & Receipts	
	August 2018	Unit 3 - Bill wise Details	16
		Unit 4 - Key Elements & Receipts	
	sep. 2018	Unit 4 - Key Elements & Receipts	12
		Unit 5 - Reporting & Printing	
	Oct-2018	Unit 5 - Reporting & Printing	13
		Unit 6 - Key Activities & Receipts Revision	

Signature of H.O.D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term -1/II

Name of Teacher Dr. Rajkumar S. Gajjar

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Alotted
	June 2018	Introduction of Audit	
T.Y.B. com. Principles & Practices of Auditing (sem I)	July 2018	Unit 1 - Introduction of Audit	18
		Unit 2 - Errors, Frauds and Sampling	
	Aug 2018	Unit 3 - Types of Audit	16
		Unit 4 - Audit Programme and Documentation	
	Sep 2018	Unit 5 - Audit Evidence * Seminars	14
	Oct 2018	Unit 6 - Vouching, Vouching and Valuation * Seminars	13

Signature of H.O.D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term - I/II

Name of Teacher Prof. Dr. Rajkumari S. Gajjar

Department B.Com (SEM II)

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period allotted
T.Y.B. Com	June 2018	Bridge Lecture	01
Ad. Acc II (SEM II)	July 2018	Unit 1 - Studying Accounting Standards	13
		Unit 2 - Introduction to Lease Accounting	
		Unit 3 - Amalgamation and Absorption of Companies (Refer AS 14)	
	Aug 2018	Unit 3 - Amalgamation and Absorption of Companies (Refer AS 14)	13
		Unit 4 - External Reconstruction	
	sep. 2018	Unit 4 - External Reconstruction, Unit 5 - Internal Reconstruction (Seminars)	13
oct 2018	Unit 6 - Banking Companies Final Accounts		

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term - 1/II

Name of Teacher Prof. Dr. Rajkumar S. Kotecha

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Alotted
M-Com I	June 2018	Bridge Lectures	01
Advance of Accountancy (SEM I)	July 2018	Unit 1 - Accounting Standards Elementary Study of the Accounting Standards - AS-16, AS-17, AS-20, AS-22	15
		Unit 2 - Value Added Accounting & Reporting	
	Aug 2018	Unit 3 - Financial Statement of Holding Companies	15
		Unit 4 - Liquidation of Company	
	Sept 2018	Unit 4 - Liquidation of Company Unit 5 - Financial Statements of Insurance Companies	6
	Oct 2018	Unit 6 - Accounting for goods and small value under Hire - Purchases transactions	13

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2018-19) Semester-I/II/V

Name of Teacher: J.V. Bhande

Department: CHEMISTRY

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of chapter/ Topic/ Sub-Topic	Number of period Allotted
T. Y.B.Sc. CH-III Physical Chemistry	July-18	Bridge Lecture Electrolytic conductance, Introduction-Electrolytic conductance, Definitions, Equivalent conductance, determination of conductance, variation of conductance with concentration, equivalent conductance at infinite dilution, Kohlrausch's law.	08
	Aug-18	Kohlrausch's law and its applications Applications of conductance measurements. a. Solubility of sparingly soluble salts b. Determination of degree of ionization. c. Determination of ionic product of water d. Conductometric titration, Acid-Base Titrations, Numerical problems relevant to the topics. Mathematical Preparation in Chemistry Logarithm: Rules of Logarithm (without proof), Characteristic and Mantissa of Logarithm, Negative Logarithm, numerical based on applications of Logarithm in calculating pH with change of base of logarithm, antilogarithm. Chemistry.	10
	Sept-18	Graphical representation of equations. Rules for drawing graph co-ordinates etc., Equation of straight line, slope and intercept, plotting the graph from the data of chemical properties and problems. Derivative: Rules of differentiation (without proof), Algebraic, Logarithmic and exponential functions and numerical. Integration: rules of integration (without proof), Integration with limit, Algebraic, Logarithmic and exponential functions and numerical. Numerical related to Chemistry	08
	Oct-18	Surface Chemistry - Introduction, Adsorption, Mechanism of adsorption, Factors affecting adsorption	08



		of gases by solids, Difference between adsorption and absorption, Types of adsorption; Physical and Chemical adsorption. Adsorption of gases by solid, Types of adsorption isotherms: 1. Freundlich Adsorption Isotherm, 2. Langmuir Adsorption Isotherm (Derivation). PPT	
S.Y.B.Sc. CH-231 Inorganic Chemistry	July-18	Bridge Lectures Chemistry of Transition Elements. (M-16, P-15) (A) Elements of first, second & third transition series. (B) General characteristics of d-block elements. Metallic character, Molar volume & densities. Atomic radii Ionic radii, Melting & boiling points, Ionization Energies.	0
	Aug-14	Reactivity, Oxidation states Standard electrode potential, Reducing properties Color, Magnetic properties, Catalytic Properties, Tendency to form complexes. Revision, Test.	0
	Sept-18	The Metallic Bond (M-06, P-6) a. General Properties of Metals, b. Conductivity, Luster, Malleability & cohesive force c. Conductors, Insulators & Semiconductors, Intrinsic & Extrinsic semiconductor. Revision and test PPT	0
	Oct-18	The Metallurgy of Aluminium (Electrometallurgy) (M-08, P-8) Occurrence, Indian resources, Physicochemical principles, Extraction of Aluminium, Purification of Bauxite, Serpeck's Process, Bayer process, Electrolysis & Allumina, Refining of Aluminium, Hoop's process, Properties & uses of Aluminium, Aluminium Industry in India. Revision and test PPT	0
S.Y.B.Sc. CH-352 Inorganic Chemistry	July-18	Bridge Lectures Basic concepts of coordination Chemistry. Double salts and coordination compounds, coordination complexes and complex ions, coordination number, Unidentate, bidentate and polydentate ligands, chelating ligand and chelates, physical methods used in study of complex, Nomenclature of coordination compounds. Werner's coordination theory. Assumptions, Werner theory and isomerism, EAN,	1/1



		Stability of complex ion, Factors affecting stability of complex ion, stereochemistry of coordination compound with C.N. 4 and 6, isomerism in coordination compounds.	
	Aug.-18	Modern Theories of M-L Bonds: V.B.T. The main points of V.B.T., Examples of square planar, tetrahedral and octahedral complexes, short coming of V.B.T. Revision Modern Theories of M-L Bonds: C.F.T.) Assumptions, Degeneracy of 'd' orbitals, Application of CFT to square planar, tetrahedral and octahedral complexes.	18
	Sept.18	C.F.S.E., Calculation of C.F.S.E. in weak field and strong field complexes, Evidences of C.F.S.E., Factor's affecting $10 Dq$, CFT and magnetic properties, spin only magnetic moments, equation, Electron occupancy in CFT, Problems related to calculation of spin only magnetic moment for square planar, tetrahedral and octahedral complexes, (Δ for high spin and low spin complexes) spectrochemical series, John Teller distortion, limitations. Revision Test	16
	Oct.18	Modern Theories of M-L Bond - M.O.T. Introduction, Assumptions, Molecular orbital treatment of octahedral complexes, effect of pi bonding, charge transfer spectra, comparison of VBT, CFT and MOT.PPT	16
T.Y.B.Sc. CH-355 Industrial Chemistry	July-18	General Aspects of industrial Chemistry Introduction, Basic requirements of industrial chemistry, chemical production, raw materials, unit process and unit operations, quality control, quality assurance, process control, research and development, pollution control, human resource, safety measures, classification of chemical reactions, batch and continuous process, Conversion, selectivity, yield, copy right act, patent act and trade marks.	08
	Aug.-18	Pollution control, human resource, safety measures, classification of chemical reactions, batch and continuous process, Conversion, selectivity, yield, copy right act, patent act and trade marks. Fertilizers. (M-12, L-12) Plant Nutrients, Nutrient functions, Fertilizer types, Need for fertilizers, Essential requirements, Classification of fertilizers, Natural inorganic fertilizers, Artificial-fertilizers-	08



	Sept.18	Nitrogenous fertilizer:- Ammonium sulphate, Urea.(Manufacture of Urea & Ammonium Sulphate). Action of Ammonium Sulphate & Urea as Fertilizer, Phosphatic Fertilizers- Triple Super Phosphate (Manufacturing Process Only), Potassium fertilizer, Importance of Bio-fertilizers.PPT	08
	Oct.18	Small Scale Industries . (M-12, L-12) Introduction and Aspects of Small Scale Industries; Safety Matches, Agart batteries, Naphthalene balls, Wax Candles, Shoe Polishes, Gum Paste, Writing and fountain Pain ink, Plaster of Paris, Silicon Carbide Crucibles, How to Remove Stains and Liquid Phenyl Manufacturing.	08

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2018-19 Term - I/II

Name of Teacher Dr. J. V. Jhanvli

Department Physics

Teaching Plan

Course and Subject	Months	Topic/Units	Number of period Allotted
F.Y.B.Sc.	July	<u>UNIT - I</u>	
PHY-101	2018	Vectors	06
Basic Mechanics		<u>UNIT - II</u>	
		Ordinary differential equation	08
	August 2018	Ordinary differential equation Numericals	03
		<u>UNIT - III</u>	
		Laws of Motion Numericals	03 01
	Sept. 2018	<u>UNIT - IV</u>	
		Momentum & Energy Numericals	06 03
		<u>UNIT - V</u>	
	Oct 2018	Rotational Motion Numericals	06 03
F.Y.B.Sc.	July		
PHY-103	2018	Total 09 experiments	
LAB - I	To		
	Oct. 2018		

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$3 \times 4 \times 12 = 144$

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-2021) Sem I/II/III/IV/V/VI

Name of the Teacher: Dr. V. S. Patil

Department: English

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
F.Y.B.A	Sept.	A cup of Tea.	06
Comp Eng	2020	Why I want a wife	06
	Oct.	Playing with English Gentleman	06
	2020	with the Photographer	06
	Nov.	Where the Mind is without Fear	06
	2020		
	Dec.	up Hill	06
	2020	Report Writing	06
	Jan	Interviews and	
	2021.	Interviewing skills	06
F.Y.B.A	Sept.	Studying Short story	
Eng.	Oct.	1 to 5	14
	2020	The Gift of Magi	06
		The Lost Child	06
	Dec.	The Happy Prince	06
	2020	An Astrologer's Day	06
	Jan	Revision.	06
	2021.		

Signature of H.O.D



Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-2021) Sem-I / II / III / IV / V / VI

Name of the Teacher : *Dr. V. S. Patil*

Department : *English*

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
S.Y.B.A	Aug.	The Lady or a Tiger	05
Comp. English	2020	Kabulwala	05
		Spoken English Broken English.	05
	sept.	Modern Improvements	04
	2020	A Red Red Rose	04
	oct.	Affixation	05
	2020	Compound words	05
	NOV 20	SMS	04
	Dec.	E-mail	05
	2020	Net Lingo	05
S.Y.B.A	Aug.	Growth and Development of Drama	
16 th and 17 th Century	2020	and poetry	08
		Good Morrow	04
S ₁	sept.	The Dream	05
	2020	Ice and Fire	05
		Mutability	05
	oct.	Sleep	05
	2020	Reason	05
	Dec.	The Merchant of Venice by	
	2020	William Shakespeare	14

V.S. Patil
Signature of H.O.D



V.S. Patil
Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-2021) Sem- I / II / III / IV / V / VI

Name of the Teacher : Dr. V. S. Patil

Department : English.

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
T.Y.B.A	Aug.	Written communication -	
Comp.	2020.	Letter Writing	06
Eng.		Goodwill Letters	06
	Sept.	Notice	04
	2020	Agenda	04
		Minutes of Meeting	04
	Nov.	Summarization	04
	2020		
	Dec.	Reading Comprehension	04
	2020	Expansion of an idea	04
		Story telling	04
		Report writing	04
	Jan.	Usages of Punctuation	04
	2021.		
T.Y.B.A	Aug.	Background Poetry, Drama	12
Eng. 53	2020	Novel	04
	Sept.	W. B. Yeats	06
	2020	T. S. Eliot	06
	Oct.	W. H. Davies - The Kingfisher	06
	2020	Money	06
	Dec.	Waiting For Godot	16
	2020		


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Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-2021:

1. Sec 1/2/3/4/5/6

Name of Teacher Dr. V. S. Patil

Department English

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
M.A I English Poetry	Sept.	Geoffrey Chaucer	6
	20	William Shakespeare	8
	Oct.	John Milton	7
		John Dryden	7
	Nov.	John Donne	06
		20	
	Dec.	Andrew Marvell	7
		Alexander Pope	7
	Jan.	Thomas Gray	10
		21	
Indian Writing in English	Sept.	Sarojini Naidu	7
	20	A. K. Ramanijan	7
	Oct.	Arum Kolattur	6
		20	
	Nov.	Nissim Ezekiel	06
		20	
	Dec.	Jayanta Mahapatra	06
		The Guide	08
Jan.	Inside the Havel.	12	
	21		
Feb.	Train to Pakistan	14	

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Signature of Teacher

Smt.P.K.Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-21) Semester-I

Name of Teacher: **Dr.Hemant P. Narkhede**

Department: CHEMISTRY

TEACHING PLAN

Class and Subject	Month and year	Nature of Activity/Title of chapter/Topic/Sub--Topic	Number of period Allotted
S.Y.B.Sc. Semester I Core Course: CH - 302 Organic and Inorganic Chemistry	Aug 20	Bridge lectures Chapter 1: Stereoisomerism a) Isomerism, classification of isomerism, stereoisomerism, types of stereoisomerism. b) Projection formulae Fischer projection formula, Newman projection formula, Saw horse formula. c) Optical isomerism Optical activity, enantiomerism, chiral centre and chirality, elements of symmetry, dextrorotatory, laevorotatory, Configuration: R and S nomenclature system.	02 10
	Sept. 20	d) Geometrical isomerism Geometrical isomers, condition for geometrical isomerism, nomenclature systems: Cis and Trans, E and Z, Syn and Anti. e) Conformational isomerism Conformational isomers, conformational isomerism in ethane and n- butane with energy profile diagrams. f) Stereochemistry of Cyclohexane Conformations of cyclohexane: chair and boat forms, axial and equatorial bonds in cyclohexane, factors affecting stability of conformations. Mono substituted cyclohexane. Chapter 2: Heterocyclic and polycyclic aromatic compounds a) Five membered ring with one heteroatom Introduction, preparation of furan, pyrrole and thiophene. Reactions: nitration, sulphonation, F C acylation, Reimer Tiemann reaction, catalytic hydrogenation Unit test	12
	Oct.20	b) Six membered ring with one heteroatom Preparation of pyridine: from acrolein and from acetylene. Reactions: nitration, sulphonation, bromination, catalytic hydrogenation. c) Polycyclic aromatic compounds Introduction, structure of naphthalene, Haworth synthesis. Reactions: oxidation, reduction, nitration, halogenations, sulphonation, F C acylation., Unit test	12
	Nov 20	Chapter 3: Solvents, solutions Acids and Bases a) Donar and acceptor properties. b) Molten salts, solvents for electrochemical reactions, purity of solvents. c) Definition and approaches, solvent system concept, Lux-flood concept, Lewis concept, Generalized Acid-base concepts. d) Differentiating and levelling solvents. e) Co-solvating agents. f) Hard and soft acids and bases: definitions, Pearson HSAB concept, theories	12



		of Hardness and softness, application and limitation of HSAB concepts.	
T. Y.B.Sc Sem. -V Course No:- CH- 503 CBCS Subject: Organic Chemistry.	Aug 20	Bridge lectures Chapter 1 Nucleophilic Substitution at Saturated Carbon SN1 , SN2 and SNi reactions, Mechanism and stereochemistry, regioselectivity and stereospecificity of substitution reaction. Scope at saturated carbon, allylic carbon and vinylic carbon. Factors affecting rate of SN1 , SN2 and SNi reactions (Effect of nature of substrate, nucleophile, leaving group and solvent). Neighboring group participation (norbornyl & norbornenyl systems), Non-classical carbocations.	02 14
	Sept. 20	Chapter 2: Electrophilic Addition to C=C Introduction, Mechanism of electrophilic addition to C = C bond (AdE2Mechanism), addition of hydrogen halides, orientation of addition; Markownikoff's and Anti Markownikoff's addition (peroxide effect), stereochemistry, addition of halogens: experimental evidences for two step mechanism, mechanism of addition of bromine, factors affecting antistereoselectivity, effect of substituents on rate of addition, addition of hypohalous acids (HOX), Hydroxylation (Mechanism of formation of cis and trans 1,2- diols), Hydroboration- Oxidation (Formation of alcohol), Hydrogenation (Formation of alkane), Ozonolysis (formation of aldehydes & ketones).	16
	Oct 20	Chapter 4: Nucleophilic Addition to C=O Introduction, Structure of carbonyl group, reactivity of carbonyl group, Addition of Hydrogen cyanide, alcohols, thiols, water, ammonia derivatives, Aldol and Cannizzaro Reaction, Perkin reaction, Wittig reaction, Reformatski reactions, Reduction reactions using NaBH4, LiAlH4 with mechanism. Chapter 5: Aromatic substitution reactions Electrophilic substitution Introduction, arenium ion mechanism, Effect of substituent group (orientation, ortho/para directing and meta directing groups). Classification of substituent groups (activating and deactivating groups) Mechanism of: Nitration, Sulphonation, Halogenation, Friedel-Crafts reactions (alkylation and acylation), Diazo coupling reactions, Ipso-substitution. Nucleophilic substitution Addition- elimination (SNAr), Elimination-addition (Benzyne) mechanism with evidences, Chichibabin reaction Unit test	16
	Nov20	Chapter 6: Elimination reactions Introduction, The reaction mechanisms: E1, E2, E1CB with evidences and factors affecting the reaction. E1 v/s E2 and Elimination v/s substitution. Anti and Syn elimination, Stereo electronic factors. Bredt's rule. Dehydrohalogenation, Dehalogenation, Dehydration, Hoffmann and Saytzeff elimination, Pyrolytic elimination.	16
T. Y.B.Sc Sem. -V Course No:- CH-	Aug 20	Bridge lectures Unit 1 Carbohydrates a) Introduction, definition, classification. b) Monosaccharaides: structure of glucose (open chain and ring structures), Kiliani Fischer synthesis of D-glucose. Reactions of	02 14

506 (A) Subject: Biochemistry		glucose: oxidation with bromine water and nitric acid, reduction, acetylation, addition of HCN, NH ₂ OH and phenyl hydrazine, mutarotation. c) Disaccharides: structure of sucrose, lactose and maltose. d) Polysaccharides: storage polysaccharides, structure of starch, Structural polysaccharides, structure of cellulose.	
	Sept20	Unit 2 Amino Acids and Proteins a) Amino acids: Introduction, structure of amino acids, classification of amino acids, amphoteric nature of amino acids, reactions of amino acids: with FDNB and Dansyl chloride, formation of peptide bond b) Proteins: Introduction, classification of proteins: based on functions and based on shape, structure of proteins: primary, secondary, tertiary and quaternary structure. Study of some proteins: α keratins and hemoglobin. Separation of amino acids and proteins by paper electrophoresis and dialysis Unit 3 Enzymes and Lipids a) Enzymes: Introduction, specificity of enzymes, classification, role of enzymes in biochemical reactions, Michaelis Menten equation (no derivation). Effect of substrate concentration, PH and temperature on enzyme catalyzed reactions. Enzyme inhibitors: introduction and types.	16
	Oct20	b) Lipids: Introduction, classification of lipids, fatty acids, nomenclature of fatty acids, triacyl glycerols, hydrogenation of oils, Saponification value and iodine value of oils, phospholipids and waxes Unit 4 Nucleic Acids and Energy Rich Compounds a) Nucleic acids: Introduction, Components of nucleic acids: sugars, bases, nucleosides and nucleotides. Watson and Crick model of DNA, types of RNA (structure not expected) b) Energy rich compounds: Introduction, Pyrophosphates, acyl phosphates, enolic phosphates, thiol esters (structure, hydrolytic reaction and energetics). Energy carriers in biological redox systems: NAD ⁺ and FA	16
Nov 20	Unit 5. Metabolism Definition of metabolism, a) Carbohydrate metabolism: Glycolysis: reactions involved and energetics, TCA cycle (Kreb cycle): Reactions involved and energetic b) Amino acid Metabolism: Transamination, deamination (by enzymes - glutamic dehydrogenase, ammonia lyases, deaminases and deamidases), decarboxylation c) Lipid Metabolism: β - oxidation of fatty acids, reactions involved in β -oxidation, energetics of β -oxidation of palmitic acid.	08	

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Dr H P Nandhede

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-2021) Sem- I / II / III / IV / V / VI

Name of the Teacher : Dr. Miss Rajkumar S. Gujar

Department : Commerce and Management

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
F.Y.B.Com Computing Skills	Sep 2020	Unit 1 - MS Word (MS Word)	12
		1) Modify the structure & appearance of text 2) Organize information in columns & tables	
		B) MS Powerpoint - 1) Working in the Powerpoint 2010 user interface 2) Create Presentations 3) Add animation, audio & videos	
	Oct. 2020	Microsoft office 2013 - Excel - Unit 2	12
		1) Introduction of Excel 2) Working with data & Excel tables 3) Performing calculation on data 4) Using Pivot Tables & Pivot Charts	
		Unit - 3 - Introduction to Computerised Accounting	
	Nov. 2020	Unit - 4 - Introduction to Tally ERP 9 Release 5.0	10
	Dec. 2020	Unit 5 - Voucher Entry	12
	Jan 2021	1) Unit 5 - Voucher Entry 2) Unit 6 - Trial Balance & Final Account	14
	Feb. 2021	Revision	04

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Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-2021) Sem- I/ II/ III/ IV/ V/ VI

Name of the Teacher : Dr. Miss Rajkumar S. Gajare

Department : Commerce and Management

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
T.Y.B.Com Principles of Auditing	Aug. 2020	Unit-1 - Introduction of Audit	10
	sep. 2020	Unit-2 - Errors, Frauds & sampling	12
		Unit-3 - Types of Audit	
	Oct. 2020	Unit-3 - Types of Audit	12
		Unit-4 - Audit Programme & Documentation	
	Nov. 2020	Unit-4 - Audit Programme and Documentation	10
		Unit-5 - Audit Evidence	
Dec. 2020	Unit-5 - Audit Evidence	12	
		Unit-6 - Vouching, Verification and Valuation	
Jan. 2021	Unit-6 - Vouching, Verification and Valuation	06	
		Revising	

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Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2020-2021) Sem- I / II/ III/ IV/ V/ VI

Name of the Teacher : *Dr. Miss Rajkumar S. Gajare*

Department: *Commerce and Management*

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
S.Y. Bcom Business Entrepreneurship	Aug. 2020	Unit 1 - Business Entrepreneurship	12
		Unit 2 - Types of Entrepreneur	-
Entrepreneurship	Sep. 2020	Unit 2 - Types of Entrepreneur	14
		Unit 3 - Identification of Business Opportunity	
	Oct. 2020	Unit 3 - Identification of Business Opportunity	12
		Unit 4 - Entrepreneurship Development Programme	
	Nov. 2020	Unit 4 - Entrepreneurship Development Programme	11
		Unit 5 - Startup India	
	Dec. 2020	Unit 5 - Startup India	14
		Unit 6 - Stand up India	
		Revision	

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-21 : August Sem - I/II/III/IV/V/VI

Name of Teacher Bhagyashree Bhandari

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
T.Y.B.Sc. Sem-II P-II	Aug-20	Unit-1: Introduction to Graphics	08
Computer Aided Graphics		Unit 2: Line Drawing tech.	08
	Sept-2020	Unit 3: 2D & 3D Transformation	16
	Oct 2020	Unit 4: Clipping & windowing	16
	Nov 2020	Unit 5: Raster Graphics of Solid area scan-conversion	12
		Unit 6: Hidden Surface Elimination	08
	Dec 2020	Unit-6 - The Dept by the algo	02
T.Y.B.Sc. Sem II P-I SysPro	Aug-2020	Unit-1 Introduction	06
		Unit-2 SW Tools	06
		Unit-3 Overview of L.P.	04
	Sept 2020	Unit 3 Fundamentals of L.P.	04
		Unit 4 Assembler	12
	Oct	Unit-5 Macro & Macro Processing	08

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-20 : Apg: Sem - I/II/III/IV/V/VI

Name of Teacher Bhagyashree Alandai

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
T.Y.B.Sc. P-I	Oct-20 Nov-20	Unit-6 Compiler Unit-7 Linker & Loader	12 06
T.Y.B.C.A. Sem-II BCA-502 Cyber Security	Aug- 2020 Sept- 2020 Oct 2020 Nov 2020	Unit-1 - Introduction to Information Syst security Unit-2 Security Threats Unit-3 Cryptography Unit-4 Network Security Unit-4 Virtual Private Network Unit-5 Cyber Crime Unit-6 Cyber Law & IT Act	10 06 10 06 04 10 10
T.Y.B.C.A. Sem II BCA-506 Practicals Ms-Visio	Jan 2020	Practical Assignment No 1 to 10 Using CASE tools for designing real system diag.	12
T.Y.B.Sc. Sem II Lab-II	Jan 2020	Practical Assignment No 1 to 10 of graphics.	12

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-2021

August Sem V/I/II/III/IV/V/VI

Name of Teacher Bhagyeshree Bhandari

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
S.Y.B.C.A. Sem-III BCA-304 Linux O.S.	Aug- 2020	Unit-1 History & Development of linux	10
		Unit-2 System Access & User Accounts	06
	Sept 2020	Unit-3 Introduction to file system & working with linux	10
		Unit-4 File operations	06
	Oct 2020	Unit-4 Using vi editors & other editors	04
		Unit-5 Redirection	10L
	Nov 2020	Unit-6 Working with X-windows	08
F.Y.B.C.A. Sem-I BCA-104	Oct 2020	Unit-1 Basics of C Language	10
		Unit-2 Control flow of logical Exp ⁿ	06
	Nov 2020	Unit-2 Logical Exp ⁿ	06
	Dec 2020	Unit-3 Functions	10
		Unit-4 Arrays	06

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-21 : Avg = ? : Sems - I/II/III/IV/V/VI

Name of Teacher Bhagyashree Bhandari

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
	Jan 2021	Unit 4 : Strings Unit 5 : Pointers	06 06
	Feb 2021	Unit 5 : Dynamic Memory Allocation Unit 6 : Structure, Union	06 10
F.Y.B.Sc. Sem I Prog. in C I	Oct 2020	Unit I : Preliminary Concepts Unit II : Basics of C Program	09 06
	Nov 2020	Unit - II If statements	09
	Dec 2020	Unit III Operators & Exp ⁿ	14
	Jan 2021	Unit IV Cond ⁿ Stat ⁿ of Looping	16
	Feb 21	Unit V Arrays	10
F.Y.B.C.A. Practicals	Jan 2021	Assignment 1 to 12 of linux 0.5.	12

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-21 : Aug. Sem - I/II/III/IV

Name of Teacher Bhagyashree Bhandari

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
S.Y.B.A. Aug 2020 Computer Knowledge & Appln-II	Aug- 2020	Unit-1 Introduction to Internet	10
F.Y.B.A. Computer (Elementary Info. Tech)	Sept 2020	Unit-2 www & web servers	11
S.Y.B.Sc. CS SEC-I Skill Enhancement course-I	Nov 2020	Unit-1. Microsoft Word	10
	Sept 2020	Unit-3: Device Installation	06
		Unit-4: Diagnostic Tools & PC Maintenance	06

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Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2021-2022) Sem. I/II/III/IV/V/VI

Name of the Teacher: Nilesh S. Gurchal

Department: English

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
FYBcom	Sept	1) Communication	08
Comp Eng.	Oct	2) Oral Communication Skills	10
		3) Written Communication	04
	Nov	— " —	04
		4) Soft Skills	04
	Dec	5) Grammar and Vocabulary	07
		6) Reading and Negotiation Skills	07
FYBcom	Sept	1) J.R.D. Tata	08
Opt Eng.	Oct.	— " —	14
		2) G.D. Birla	14
	Dec	— " —	06
		3) W.H. Doshi	09
	Jan	— " —	09
5YBA	Sept	1) Background study	04
S2	Oct	2) William Wordsworth	04
		3) S.T. Coleridge	07
		4) John Keats	07
	Nov	5) P.B. Shelley	04
		6) Lord Byron	04
	Dec	7) Sense and Sensibility - Jane Austen	14

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(2)

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.
(Year 2021-2022) Sem-I / II / III / IV / V / VI

Name of the Teacher : Nilesh S. Gurechal

Department : English

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
SYBA	Sept	1) Definitions of Novel	07
G2	Oct	2) Aspects of Novel	14
	Nov	3) Types of Novel	12
	Dec	4) Passage to India - E.M. Foster	14
			.
TYBA	Sept	1) Language	08
SH	Oct	2) Phonology	14
	Nov	3) ———	08
	Dec	4) Grammar	14
TYBA	Sept	1) Unit-I i) Film and Literature	07
GE	Oct	ii) Aspects of Film and Lit.	07
		iii) Literature and Film Adaptations	07
	Nov	2) Unit-II Pygmalion - My Fair Lady	10
	Dec	3) Unit-III Namesake	14
SYBSC	Sept	1) Introduction to basic Comm ⁿ and Verbal	
OE		Non-verbal Communication	08
	Oct	2) Application and C.V. Writing	14
	Nov	3) Proposal Writing	08
		4) Interview Technique and Presentation skills	14

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-2022 Term - I / II ✓

Name of Teacher Nilesh S. Guruchal

Department English.

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
SYBA.	Jan.	A) Definitions of Drama	01
The study of Drama	Feb.	- " -	06
		B) Elements of Drama	06
Sem-IV	Mar.	- " -	04
		C) Types of Drama	10
	April	D) Arms and The Man - G.B. Shaw	12
	May	- " -	09
SYBA.	Feb.	i) Background study of Novel & Poetry of the 19th Century	06
19th Cen. Lite		ii) The Lotus Eater - A.L. Tennyson	06
	Sem-IV	Mar.	iii) Rabbi Ben Ezra - R. Browning
		iv) Doves Beach - M. Arnold.	04
		v) The Blessed Damozel - D.G. Rossetti	04
	April	vi) Pied Beauty - G.M. Hopkins.	04
		vii) 'Tess of the d'Urbervilles'	
		- Hardy	09
	May	- " -	08
TYBA.	Jan	1) Language	01
The study of Language	Feb.	- " -	12
	Mar	2) Morphology	14
Sem-IV	April	3) - " -	08
		3) Lexis and Syntax.	03
	May	- " -	08

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-2022 Term - I/II ✓

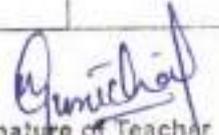
Name of Teacher Nilesh S. Guruchal

Department English

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
TYBA.	Jan	Unit-I i) Indian lit. in films- N & D	01
Film & Lit.	Feb	- ii -	04
Sem-VI		i) Aspects of Film and Literature	04
		ii) Lit. and Film Adaptation	04
	Mar.	Unit-II English Novel & Hindi Film	14
	Apr	Unit-III English Novel & Marathi Film	11
	May	- ii -	07
SYBSc	Feb	i) Barriers to effective Comm ⁿ	08
Communication	Mar	2) Writing Research Paper	08
Sem-IV	Apr	3) Preparing Power point Presentation	09
	May	4) Writing formal letters and e-mail writing	02
	May	- ii -	06
FTBcom.	Feb	1) Communications	06
Eng. for Business	Mar	2) Oral Communication Skills	07
Sem-II		3) Written Communication Skills	07
	Apr.	4) Employment Communication	08
		5) Soft skills	03
	May	- ii -	04
		6) Grammar and Vocabulary	06

Signature of H.O.D. 

Signature of Teacher 



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

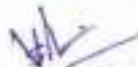
Academic Year 2021-2022 Term II

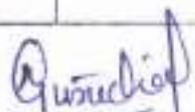
Name of Teacher Nilesh S. Guruschal

Department English

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
FTBCom	Feb	1) Dhirubhai Ambani	06
Optional Eng Sem-II	Mar	2) — " —	08
		2) Rahul Bajaj	06
	Apr	3) — " —	07
		3) Ratan Tata	05
	May	4) — " —	05
		4) A. V. Birla	10
M.A.I	Feb.	1) Unit-I - study of Development of English Drama from 18 th to 20 th Century	1
Drama			12
Sem-II	Mar	2) — " —	02
		2) The Rivals - R.B. Sheridan	16
	Apr.	3) The Caretaker - Harold Pinter	16
	May	4) Pygmalion - G.B. Shaw	16

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22

Sem I / II / III / IV

Name of Teacher Chaudhari Vandana Madhwar

Department Computer Science

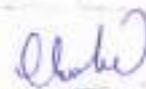
Teaching Plan

Class and Subjects	Months	Topic/Units	Number of periods allotted
TY BSc	Feb	Assignment no. 1 to 4	16
CS-609(B)	March	Assignment No. 5 to 8	16
Lab on Java Progs	April	Assignment no. no. 9 to 13	16
		X	
MSc-I	Feb	Unit-I: Compiler structure	05
Compiler Construction	March	Unit-II: Lexical Analysis	06
CS-201		Unit-III: Syntax Analysis	10
		CFG, Ambiguity, parse	
	April	Type Checking	05
		Unit-IV: Runtime Sys.	10
	May	Unit-V: Intermediate Code gen	10
		Unit-VI: Code Gen. & Inst.	10
		X	

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year

Summer / 2021

Name of Teacher Chaudhari Vrunda madhulcar

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period / Lectures
SYBSC CS-D302 Prog. in C++	Sept	Unit-I Introduction to C++	06
	2021	Basics of C++ , operators, manipulators.	
		Unit-2: Classes & objects Classes, obj, Class members	03
	Oct	Creating obj, array of obj, ptr. & obj Array of ptr. du obj.	05
		Unit-3: Fun ⁿ in C++ Basics of Fun ⁿ & need, Fun ⁿ Prototype.	06
	Nov	Inline Fun ⁿ , Friend Fun ⁿ , Friend class	02
		Unit-4: Fun ⁿ overloading	04
		Unit-5: Operator overloading overloading new & delete Opr.	02
	Dec		03
	TYBSC - Comp-213 Pract. Course	Oct	Assignment 1 to 4
Nov		Assignment 5 to 7	10
TYBCA BCA504 Software Engg.	Sept	Unit-1 Sys. Content of Info ⁿ Def ⁿ , Char., Types, Feedback & Feedforward	10
		Unit-2 SDLC System Analyst, Role of Sys. Anal.	02
	Oct	Phases, Factors, SDLC model	08

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22 : : Sem - 1/10/2021/22

Name of Teacher Chaudhari Vandana Madhulcar

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period/Week
TYBCA BCA 504	Oct	Prototyping	02
		Unit-3: System Planning	02
		Feasibility Study	04
	Nov	Unit-4: System Design & model	10
		Unit-5: User Interface & Str.	06
	Dec	Unit-6 Designing business App	05
SYBCA BCA-303 Java Programming	Sept	Unit-1: Introduction to Java	10
		Advantages, Features	
	Oct	Unit-2: Fundamental Progg.	04
		operators, Datatypes, Ch. Flow	06
	Nov	Unit-3: Object & classes	10
		Function & Packages	10
	Dec	Unit-5: Inheritance	06
		Unit-6: multithreading, Exception	04
	TYBCA BCA-305 Pract. on Java	Assignment 1 to 6	
		Assignment 7 to 12	
TYBSC CS-305 Python Progg.	Sept	Unit-1 Introduction to Python Progg.	05
			0
	Oct	Unit-2: Basics of Python Progg. :- var, keywords	07
		Unit-3: Python string operations, operators, method.	03 00 07

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Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2020-21

1st Sem / 10th

Name of Teacher Chaudhari Vaunda madhulca

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period / lectured
TYBSC Python Progs	Oct	Unit-4: Python-Tuples & Dictionary	10
	Nov	Unit-5: Python for 3 & module	10
	Oct	Assignment 1 to 5	
	Nov	Assignment 5 to 10	
X			
TYBSC CS-506(B) Java Progs-I	Sept	Unit-1: Intro to Java	04
		Unit-2: Basics of Java	04
		Unit-3: Object & class Intro, classes & Objen.	04
	Oct	Types of Constructors, particular Inner class	04
		Unit-4: Fun ⁿ Java	07
		Unit-5: Inheritance	03
		Nov	Wrapper class, reflection
Nov	Unit-6: Exception Handling	06	
	Unit-7: Streams & Files	05	
X			
TYBSC CS-Lab 509 Java Progs	Oct	Assignment 1 to 7	
	Nov	Assignment 8 to 15	

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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22

Semester I/II/III/IV

Name of Teacher Chaudhari Vrunda madhubhai

Department Computer Science

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
Msc-II CS-302 Optimization algo	Oct	2 Overview of Operation Research Intro. of appl ⁿ , Limitations	02
		UNIT-2: Linear Programming Graphical method, LPP	12
	Nov	UNIT-3: Dual Problem Rel ⁿ bet ⁿ Primal & dual	06
		UNIT-4: Transportation model NWCR, LCM, VAM	10
X			
Msc-I CS-103 Automata Theory & Compatibility	Oct	UNIT-I Grammars: Chomsky Hierarchy, Right linear Grammar, CFG, CFL	10
		UNIT-II FSM FSM, NFA, Pumping lemma	06
	Nov	FA with OIP	04
		UNIT-III PDA Acceptance by empty stack, DPDA	08
		UNIT-IV TM Technique, UTM, Complexity	04
	Dec	Computable fu ⁿ , time space Complexity	08
		UNIT-V: Decidability UNIT-VI Complexity measures	07 08

Signature of H.O.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22 Term - III

Name of Teacher Dr. Miss Rajkumar S. Rajare

Department Commerce and Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
T.Y.B-Cont. Principles of Auditing	Feb. 2022	Unit 1 - Investigation Unit 2 - Evaluating of Internal Control & Internal Check	11
	Mar. 22	Unit 2 - Evaluating of Internal Control & Internal Check	12
		Unit 3 - Company Auditor	
	April 22	Unit 4 - Audit of Limited Companies Unit 5 - Auditing of Computerised Information System (CIS) Environment	11
	May 22	Unit 5 - Auditing of Computerised Information System (CIS) Environment Unit 6 - Audit Report.	12


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Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Dhusewal.

Academic Year 2021 - 22

Name of Teacher

Dr Miss Rajkumar S. Gajate

Department

Commerce & Management

Teaching Plan

Class and Subjects	Months	Topics/Units	Number of periods allotted
F.Y. B.COM Computing Skills (Q.T.C.S)	Sep. 2021	Unit 1 - A) Word (MS Word) B) MS Powerpoint Unit 2 - Microsoft office 2013 - EXCEL.	13
	Oct. 2021	Unit 2 - Microsoft office 2013 Excel Unit 3 - Introduction to Computerised Accounting Unit 4 - Introduction to Tally ERP 9	14
	Nov. 2021	Unit 4 - Introduction to Tally ERP 9	05
	Dec. 2021	Unit 5 - Voucher Entry Unit 6 - Trial Balance & Final Account	14
	Jan. 2022	Unit 6 - Trial Balance & Final A/c	04



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22

Name of Teacher: Dr. Miss Rajkumari S. Gajjar

Department: Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
T.T.B.com Principles of Auditing	Sep-2021	Unit 1 - Introduction of Audit	13
		Unit 2 - Errors, Frauds and Sampling	
	Oct-2021	Unit 2 - Errors, Frauds and Sampling	14
		Unit 3 - Types of Audit	
	Nov-2021	Unit 4 - Audit Programme & Documentating	05
	Dec-2021	Unit 4 - Audit Programme & Documentating	14
		Unit 5 - Audit Evidence	
		Unit 6 - Vouching, Verification and Valuation	
	Jan-2022	Unit 6 - Vouching, Verification and Valuation	05

Signature of Teacher



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22

Session 1/8/2021/20

Name of Teacher

Dr. Miss Rajkumar S. Rajare

Department

Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
T.Y.B.Com Introduction to Business Research	Sep. 2021	Unit 1 - Introduction to Business Research	13
	Oct. 2021	Unit 2 - Research Design	14
		Unit 3 - Sample Design	
		Unit 4 - Data Collection	
	Nov. 2021	Unit 4 - Data Collection	05
	Dec. 2021	Unit 5 - Measurement, Scaling Techniques & Data Analysis	14
Jan. 2022	Unit 6 - Research Paper and Report writing	02	
	Unit 6 - Research Paper and Report writing		


Smt. P. K. Kotecha




Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2021-22

Name of Teacher

Dr. Miss Rajkumar S. Gajare

Department

Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
M.COM. I Advanced Accountancy	Sep 2021	Unit 1 - Accounting Standards Elementary study & disclosure requirements of the following Accounting standards	13
	Oct-2021	Unit 2 - Value added Accounting and Reporting. Unit 3 - Financial statements of Holding companies	12
	Nov. 2021	Unit 3 - Financial statements of Holding companies Unit 4 - Liquidation of companies	08
	Dec-2021	Unit 5 - Financial statements of Insurance companies Unit 6 - International Financial Reporting standards (IFRS) and Indian Accounting standards (Ind-AS)	13
	Jan-2020	Unit 6 - International Financial Reporting standards (IFRS) and Indian Accounting standards (Ind-AS)	04

[Signature]



[Signature]

Shri Sarwati Vidya Prashrak Mandal's
Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

TIME TABLE

(Year 2022-2023)

Name of the Teacher: Dr. Miss Rajkumar S. Trajare

Department: Commerce & Management

TIME		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7.30 to 8.15	Class & Room	S.Y.B.com C8	S.Y.B.com C8	S.Y.B.com C8	S.Y.B.com C8	S.Y.B.com C8	S.Y.B.com C8
	Subject	CMCA	CMCA	CMCA	CMCA	CPBE	CPBE
8.15 to 9.00	Class & Room	S.Y.B.com C8	S.Y.B.com C8	F.Y.B.com C9	F.Y.B.com C9	F.Y.B.com C9	F.Y.B.com C9
	Subject	CPBE	CPBE	QTC3	QTC3	QTC3	QTC3
9.00 to 9.45	Class & Room	T.Y.B.com C4	T.Y.B.com C4	T.Y.B.com C4	T.Y.B.com C4	T.Y.B.com C4	T.Y.B.com C4
	Subject	Audit	Audit	Audit	Audit	IBR	IBR
10.00 to 10.45	Class & Room	T.Y.B.com C4	T.Y.B.com C4	-	-	-	-
	Subject	IBR	IBR				
	Class & Room						
	Subject						
	Class & Room						
	Subject						
	Class & Room						
	Subject						
							Total

I will be available in the collage at least for five hours every day shown below

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2022-23

Name of Teacher Dr Miss Rajkumar S. Gujar

Sem I/II/III/IV

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allocated
S.T.B.com. Computing Management (MCA)	Aug. 2022	Unit 1 - Accounting using Tally ERP9	16
	Sep. 2022	Unit 2 - Tally with GST	17
		Unit 2 - Tally with GST	
		Unit 3 - Accounting with GST	
	Oct. 2022	Unit 4 - Creating of Tax ledgers with GST	16
		Unit 4 - Creating of Tax ledgers with GST	
Unit 5 - Voucher Entries with GST			
Nov. 2022	Unit 5 - Voucher Entries with GST	11	
	Unit 6 - GST Reports		
			60

Signature of H.O.D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2022-23

Name of Teacher Dr. Miss Rajkumar S. Gujar

Sem I/II/III/IV/V

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
S.T.B.com. Computing Management (MCA)	Aug. 2022	Unit 1 - Accounting using Tally ERP9	16
	Sep. 2022	Unit 2 - Tally with GST	17
		Unit 2 - Tally with GST	
		Unit 3 - Accounting with GST	
	Oct. 2022	Unit 4 - Creating of Tax ledgers with GST	16
		Unit 4 - Creating of Tax ledgers with GST	
Unit 5 - Voucher Entries with GST			
Nov. 2022	Unit 5 - Voucher Entries with GST	11	
	Unit 6 - GST Reports		
			60

Signature of H.O.D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2022-23

Sem I/II/III/IV/V

Name of Teacher Dr. Miss Rajkumar S. Gajure

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
S.T.B.com. Consumer Protection (CPBE)	Aug. 2022	Unit 1 - Introducing to Consumer	16
		Unit 2 - Consumer Movement	
	Sep. 2022	Unit 2 - Consumer movement	17
		Unit 3 - Voluntary Consumer Organisation	
	Oct. 2022	Unit 4 - Problems of Consumer	16
		Unit 4 - Problems of Consumer	
Unit 5 - Consumer Protection Act 1986			
Nov. 2022	Unit 5 - Consumer Protection Act 1986	11	
	Unit 6 - Standards of weights & Measures Act 1976		
			<u>60</u>

Signature of H.O.D



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2022-23

Sem I/II/III/IV

Name of Teacher Dr. Miss Rajkumar S. Gujar

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Allotted
T.Y.B.com. Principles of Auditing	Aug. 2022	Unit 1 - Introduction to Audit	16
	Sep. 2022	Unit 2 - Errors, Frauds & Sampling	17
		Unit 3 - Types of Audit	
	Oct. 2022	Unit 4 - Audit Programme & Documentation	16
		Unit 5 - Audit Evidence	
	Nov. 2022	Unit 5 - Audit Evidence	11
Unit 6 - Vouching, Verifying and valuation			
			<u>60</u>

Signature of H.O.D



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal.

Academic Year 2022-23

Sem I/0/1/2/3/4

Name of Teacher Dr. Miss Rajkumar S. Gujar

Department Commerce & Management

Teaching Plan

Class and Subjects	Months	Topic/Units	Number of period Alotted
T.Y.B.com. Introducing to	Aug. 2022	Unit 1 - Introducing to Business Research	16
Business Research	Sep. 2022	Unit 2 - Research Design	17
		Unit 3 - Sample Design	
	Oct. 2022	Unit 4 - Data Collection	16
		Unit 5 - Measurement, scaling techniques & Data Analysis	
	Nov. 2022	Unit 5 - Measurement, scaling techniques & Data Analysis	11
		Unit 6 - Research Paper & Report Writing	
			<u>60</u>

Signature of H.O.D



Signature of Teacher

Smt.P.K.Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2022-23) Semester-I

Name of Teacher: SURYAWANSHI K.C.

Department: CHEMISTRY

TEACHING PLAN

Class and Subject	Months	Nature of Activity/Title of chapter/Topic/Sub--Topic	Number of period Allotted
F.Y.B.Sc. CH-101 Physical and Inorganic Chemistry	Aug.-22	Bridge lectures Chapter I: Atomic Structure (Part-I) a) Atomic Models: Thomson Model, Rutherford's Nuclear Model b) Emission and Absorption Spectra: Line spectra and band spectra, line spectra of Hydrogen atom, c) Bohr Model for Hydrogen atom, explanation of line spectra of hydrogen atom, Limitations & Reasons for failure of Bohr Model d) Quantum Mechanical Model of atom: Dual behaviour of matter, Davisson-Germer experiment, Heisenberg's Uncertainty Principle, Orbitals and quantum numbers and their importance	02 10
	Sept-22	The Gaseous State a) Molar gas constant R, its values in different units and its significance, the kinetic theory of ideal gases. Assumptions of kinetic theory of gases. Kinetic gas equation and its Significance (Derivation not expected). Deductions of Avogadro's principle, Graham's law, kinetic energy of translation. b) Deviation of real gases from ideal behaviour. Reasons for deviation, compressibility factor, Van der Waal's equation, its applications. Andrew's isotherms of CO ₂ , relation between critical constants and Van der Waal's constants, liquification of Gases, Joule Thomson effect, related numerical Atomic structure (Part-II) a) Long form of periodic table, Periodic law, modern periodic law, electronic configuration, Aufbau principle, Hund's rule, Pauli's Exclusion principle, Principle of stability. b) Classification of elements based on electronic configuration and energy levels c) Shapes of s, p and d-orbitals.	12
	Oct.-22	Mathematical Preparation in Chemistry a) Logarithm: Rules of Logarithm (without proof), Characteristic and Mantissa of Logarithm, Negative Logarithm, numerical based on applications of Logarithm in calculating pH with change of base of logarithm, antilogarithm. b) Graphical representation of equations: Rules for drawing graph co-ordinates etc.. Equation of straight line, slope and intercept, plotting the graph from the given experimental data and numericals. c) Derivative: Significance, Rules of differentiation (without proof), Algebraic, Logarithmic and exponential functions and	06



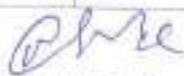
		numerical.d) Integration: Significance, rules of integration (without proof), Integration with limit, Algebraic, Logarithmic and exponential functions and numerical.e) Numericals of each method related to Chemistry.	
	Nov-22	Chapter: 5 Periodic properties (L:05, M:10) Periodicity in the following properties right through the periodic table: a) Atomic and ionic size: Definition and explanation of atomic radius, ionic radius, covalent radius and Van der Waals radius, Variation of atomic size along a period and a group. b) Ionisation energy: Definition and explanation, factors affecting ionisation energy, Variation of ionisation energy along a period and a group. Applications of I. E. to chemical behavior of an element. c) Electron affinity: Definition and explanation, factors affecting electron affinity, Variation of electron affinity along a period and a group.d) Electronegativity: Definition and explanation, factors affecting electronegativity, Variation of electronegativity along a period and a group, Pauling's electronegativity scale, Mullikan's approach of electro negativity, electro negativity and percent ionic character. e) Metallic character: Variation of metallic character along a period and a group.	10
S.Y.B.Sc CH-301 Physical chemistry	August-22	Bridge lectures Solutions Introduction, Solubility, Factors affecting solubility, Types of solutions. Different way of expressing the concentration of solution, Ideal and non-ideal solutions, Raoult's law and its limitation, The vapour pressure of actual liquid pairs the vapour pressure of ideal solution. Classification of binary solution of completely miscible liquids (Type-I, Type-II and Type-III) on the basis of Raoult's law).	02 10
	Sept-22	Boiling point diagrams of miscible binary mixtures, Distillation of binary miscible solutions, Azeotropes, the fractionating column, Solubility of partially miscible liquid pairs, Phase diagram Phenol-water system, Tri ethyl amine-water and Nicotine-water system Colligative Properties Introduction, lowering of vapour pressure of solvent, Calculation of molecular weight of solute from Lowering of vapour pressure of solvent, Boiling point elevation of solution.	10
	Oct-22	Calculation of molecular weight of solute from boiling point elevation of solution, Freezing point depression of solution, Calculation of molecular weight of solute from depression in Freezing point, Osmosis and osmotic pressure, Relation of osmotic pressure to vapour pressure, Van't -Hoff equation for osmotic pressure, Landberger's method for the determination of elevation of boiling point, Beckman's method for determination of depression in freezing point, Berkley and Hearty's method, Solution of electrolyte, Colligative properties of electrolyte (Qualitative concept only), related numerical.	08
	Nov-22	The d-block elements Elements of first, second and third transition series, General characteristics of d-block elements a) Metallic character b) Molar volume and densities c) Atomic radii d) Ionic Radii e) Melting and boiling points f) Ionization Energies g) Reactivity h) Oxidation states i) Standard electrode potential j) Reducing Properties k) Colour l)	06



		Magnetic properties m) Catalytic Properties n) Tendency to form complexes	
T.Y.B.Sc CH-502 Inorganic Chemistry	August-22	Bridge lectures Structure and Reactivity of Molecules (L-09, M-12) Valence Shell Electron Pair Repulsion Theory (VSEPR). Shapes of simple molecules and ions containing lone-and bond-pairs of electrons multiple bonding, prediction of shapes of irregular molecules and ions like - Sulphur tetra fluoride, Bromine trifluoride, Dichloroiodate (I) anion, Penta fluorotellurate (IV) anion, Tetrachloroiodate (III) anion, Nitrogen dioxide, Phosphorus trihalides, Carbonyl fluoride, Summary of VSEPR rules Drawbacks of VSEPR theory.	02 08
	Sept-22	Modern Theories of Coordination Compound Part -A Assumptions, Werner theory and isomerism, EAN, Stability of complex ion, Factors affecting stability of complex ion, Irving William series, Stabilization of unstable oxidation state, Stereochemistry of coordination compound with C.N. 4 and 6, Isomerism in coordination compounds. Modern Theories of Coordination Compound Part -B Assumptions of V.B.T., V.B. Theory as applied to structural and bonding in complexes of 3d series elements. Examples of square planar, Tetrahedral and Octahedral complexes, inner and outer orbital complexes, Magnetic properties of complexes of 3d series elements, limitations of V.B.T., Assumptions of CFT, Degeneracy of 'd' orbital's, Application of CFT to octahedral complexes, Weak and strong ligand field splitting, spectrochemical series.	09
	Oct-22	Modern Theories of Coordination Compound Part -C Definition of C.F.S.E., Calculation of C.F.S.E. in weak and strong field octahedral complexes, Evidences of C.F.S.E., Factor's affecting $10 Dq$, CFT and magnetic properties, spin only magnetic moment equation, Electron occupancy in CFT, Application of CFT to tetrahedral and Calculation of C.F.S.E. in tetrahedral complexes, Tetragonal distortions from octahedral geometry, Jahn-Teller theorem Application of CFT to square planer complexes, Problems related to calculation of spin only magnetic moment for square planer, tetrahedral and octahedral complexes (for high spin and low spin complexes).	08
	Nov-22	Modern Theories of Coordination Compound Part -D Crystal field effects- Variation of lattice energies, enthalpies of hydration and crystal radii variations in halides of first and second row transition metal series and spinel structures, limitations of CFT, experimental evidences in support of metal ligand bond overlaps, ACFT, Assumptions of Molecular orbital theory, composition of ligand group orbitals, Molecular orbital treatment (Qualitative) of octahedral complexes (strong & weak field), Effect of pi- bonding, Charge transfer spectra, Comparison of VBT, CFT and MOT.	09



CH-505 F.Y.B.Sc. Analytical Instrumentation	August-22	Spectrometry Origin of spectra Interaction of electro-magnetic radiation with matter, Electro-magnetic Spectrum, The Absorption of Radiation, Solvents for Spectrometry, Quantitative Calculations, Beer's Law, Principles of instruments - Sources, Monochromators (prism, diffraction gratings, Optical filters), Cells, detectors, Slits Width, Single Beam Spectrometer, Spectrometric Errors, Deviation from Beer's Law - Chemical deviation, Instrumental deviation, Problems.	10
	Sept-22	Infrared Spectrometry Infra red Spectrometry - Principles, Theory, Instrumentation, Source, monochromator, detectors, Single beam, Double beam, Types, Sampling Technique, Solvents, Spectrometric error, FTIR introduction, General applications. Potentiometry Potentiometer, The Cell for Potential Measurements, Combination Electrode, Theory of Glass Membrane Potential, The Alkaline Error, The Acid Error, Standard Buffers, Ion-selective Electrodes - Glass Membrane Electrodes, Precipitate Electrodes, Solid-State Electrodes, Liquid-Liquid Electrodes, Plastic Membrane/Ionophore Electrodes, Coated Wire electrodes, Enzyme Electrodes.	10
	Oct-22	A: Emission Spectrometry Flame Emission Spectroscopy - Principles, Theory, Instrumentation, Experimental techniques, Interferences and applications, Advantages and disadvantage, Plasma Emission Spectrometry - Principles, Plasma as excitation source, inductively coupled Plasma source, ICP-AES Instrumentation, Applications. B: Atomic Absorption Spectrophotometry Introduction, Principles, Advantages over FES, Instrumentation - Sources, Burners, Flames, Interferences - Spectral Interferences, Ionization Interferences, Refractory Compound Formation, Hollow cathode lamps, Physical Interferences, Use of Organic Solvents, Sample Preparation, Applications of AAS, Comparison of AAS with atomic emission methods	12
	Nov-22	pHmetry Introduction to pH meter, The Glass pH Electrode Principle, Accuracy of pH Measurements, Measurements with the pH-meter, Making the pH Measurement, Fundamental limitations, Maintenance	09


Signature of H.O.D


Signature of Teacher



Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.

(Year 2018-2019) Sem-I / II / III / IV / V / VI

Name of the Teacher : *Dr. V. S. Patil*

Department : *English*

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
FYBA	Jan	Unit I Prose	
Sem II		a. The Lumber Room - Saki	03
Com		b. The Lottery Ticket - Anton Chekov	04
English	Feb	c. A Lesson My father Taught Me	02
		Unit II Poetry	
		a. Stopping by Woods on a Snowy Even.	03
	March	b. Poet Lover and Bird Watcher	03
		c. The Solitary Reaper.	03
		d. Sea-Fever.	03
	April	Unit 3 Communication Skills	05
		Unit 4 Grammar	05
FYBA	Jan	Unit 1 Introduction to Poetry	08
Sem II			
Op.	Feb	Unit 2 Types of Poetry	06
English	Mar.	Unit 3 Study in Poetry	10
	Apr.	Unit 4 Study in Poetry	10

H.L.
Signature of H.O.D

H.L.
Signature of Teacher



Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.
(Year 2022-2023) Sem-I / II / III / IV / V / VI

Name of the Teacher: Dr. V.S. Patil

Department: English

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
SYBA Sem IV	Jan	1) Growth and development of Novel & Essay in the 17th century	05
SI 17 th century literature	Feb	2) Essays A) Francis Bacon	10
	March	B) Jonathan Swift	10
	April	3) Novel:- Pilgrims Progress by John Bunyan.	08
TYBA Coz Sem VI	Jan	1) Unit 1: Background	05
Indian Writing in English	Feb	2) Unit 2: Poetry section 1) K.N. Datta	03
		2) Kamala Das	04
	Mar	3) Nissim Ezekiel	03
	April	3) Unit 3: Drama Girish Karnad - Nag Mundal	08

Signature of H.O.D



Signature of Teacher

Smt. P.K. Kotecha Mahila Mahavidyalaya, Bhusawal.
(Year 2022-2023) Sem- I / II/ III/ IV/ V/ VI

Name of the Teacher : Dr. V. S. Patil

Department : English

TEACHING PLAN

Class and Subject	Months	Nature of Activity/ Title of Chapter/ Topic/ Sub-topic	Number of period Allotted
MAI Sem II Poetry	Jan	Unit I : Background study	04
	Feb	Unit II i) A. L. Tennyson - Ulysses	03
		ii) Robert Browning : Fra Lippo Lippi	02
		iii) Matthew Arnold : Scholar Gipsy	04
		Unit III iv) W. B. Yeats : The Second Com.	03
		v) T. S. Eliot : Love Song of J. Alfred Prufrock	02
		vi) Dylan Thomas : Lie still, Sleep Bealmed	03
		vii) Wilfred Owen : Strange Meeting	04
	March	Unit IV :- viii) W. H. Auden - Muses Des	02
		ix) C. D. Lewis : The Poet	04
		x) Philip Larkin : The Whitson Wedding	03
	April	xi) Stephen Spender : My Parents kept Me from Children who were Rough.	04
xii) Louis MacNeice : Prayer Before Birth		03	

Signature of H.O.D



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya Bhusawal

Teaching Plan (2022-23) Sem. I

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: F. Y. B. Sc.
Computer Science

Paper: CS-101 Essential of

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
F.Y.B.Sc Paper -I	August 2022	Bridge course	03
		Unit-1: Introduction to Computer Components	08
	September 2022	Unit-2: Basics of Algorithm and Flowcharts	08
		Unit 3: Concept of Network Test	05
	October 2022	Unit-3: Concept of Network: Network Security	02
		Unit-4: Operating System Test	05
	November 2022	Unit-4: Operating System: Various types of O.S.	02
		Revision Test	
	Total	45 periods (33 hours)	

Signature of H. O. D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya Bhusawal

Teaching Plan (2022-23) Sem. I

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: F. Y. B. Sc. Paper: CS 102: Programming in C-I

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
F. Y. B. Sc Paper -II	August 2022	Bridge lectures	03
		Unit-1: Fundamental of C	05
		Unit-2: Elements of 'C' Program	02
		Test	
	September 2022	Unit-2: Elements of 'C' Program: Introduction and Features of C Processor	05
		Unit-3: Operators and Expressions Test	07
October 2022	Unit-4: Conditional Statements and Looping	06	
	Unit-5: Arrays Test	03	
November 2022	Unit-5: Arrays: Applications	02	
	Revision Test		
		Total	45 periods (33 hours)

Signature of H. O. D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal

Teaching Plan (2022-23) Sem. III

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: F.Y.B.Sc.
of Computer and Programming in C-I

Paper: CS-103 Practical on Essential

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
F.Y.B.Sc. CS-103	August 2022	Assignment No 1 to 3	12
	September 2022	Assignment No 4 to 6	12
	October 2022	Assignment No 7 to 10	16
	November 2022	Assignment No 11 to 12	08
		Total	48 hours

Signature of H. O. D.

Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya Bhusawal

Teaching Plan (2022-23) Sem. I

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: M.Sc.I.
Computability

Paper: CS 102: Automata Theory and

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
M.Sc.-I CS-102	September 2022	Unit-1: Grammars	10
		Unit-2: Finite State Machine	06
		Test	
	October 2022	Unit-2: Finite State Machine: Pumping Lemma, Finite Automata with output	04
		Unit-3: Pushdown Automata	08
	Test		
November 2022	Unit-4: Turing Machine	12	
	Unit-5: Decidability	04	
	Test		
December 2022	Unit-5: Decidability : PCP	04	
	Unit-6: Complexity Measures	10	
	Test		
		Total	60 periods

Signature of H. O. D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal

Teaching Plan (2022-23) Sem. III

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: S. Y. B. Sc.
In C++.I

Paper: Comp 212 Programming

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
S.Y.B.Sc Paper -II	August 2022	Introduction to syllabus	01
		Unit-1:Introduction to C++	06
	September 2022	Unit-2:Classes and objects	08
		Unit-3:Function in C++	04
		Test	01
	October 2022	Unit -3:Function in C++	01
		Unit-4:Function Overloading	04
		Test	01
	November 2022	Unit-5:Operator Overloading	06
		Revision	01
		Total	33 hours

Signature of H. O. D.

Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal

Teaching Plan (2022-23) Sem. III

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: S. Y. B. Sc.

Paper: COMP-213 Practical Course

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
S.Y.BSc. COMP-213	August 2022	Assignment No 1 to 2	08
	September 2022	Assignment No 3 to 4	08
	October 2022	Assignment No 5 to 6	08
	November 2022	Assignment No 7	04
		Total	28 hours

Signature of H. O. D.

Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal

Teaching Plan (2022-23) Sem. III

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: S. Y. B. C.A.
Java

Paper: BCA 305 Practical on

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
S.Y.B.C.A. BCA 305	August 2022	Assignment No 1 to 3	12
	September 2022	Assignment No 4 to 6	12
	October 2022	Assignment No 7 to 10	16
	November 2022	Assignment No 11 to 12	08
		Total	48 hours

Signature of H. O. D.

Signature of Teacher



Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal

Teaching Plan (2022-23) Sem. III

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: S. Y. B. C.A.

Paper: BCA 303 Java
Programming

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
S.Y.B.C.A. BCA 303	August 2022	Unit-1: Introduction to Java	10
		Unit-2: Fundamental Programming Test	06
	September 2022	Unit-2: Fundamental Programming: Control flows	04
		Unit-3: Objects and classes	10
		Unit-4: Function and Package Test	02
October 2022	Unit-4: Function and Package	08	
	Unit-5: Inheritance Test	08	
November 2022	Unit-5: Inheritance: Interfaces	02	
	Unit-6: Multithreading, Exceptions and Applets in Java Revision	10	
		Total	60 Periods

Signature of H. O. D.



Signature of Teacher

Smt. P. K. Kotecha Mahila Mahavidyalaya Bhusawal

Teaching Plan (2022-23) Sem. VI

Name of Teacher: Vrunda S. Patil

Department: Computer Science

Class: T. Y. B. Sc. Paper: CS-506(B) Java
Programming I

Class & Subject	Month	Name of activity/ Title of Chapter/Topic/Subtopic	Number of periods allotted
T.Y.B.Sc Paper -VI	August 2022	Unit-1: Introduction to Java	04
		Unit-2: Basics of Java	04
		Unit-3: Objects and Classes	06
		Test	
	September 2022	Unit-3: Objects and Classes: Inner classes	02
		Unit-4: Functions in Java	07
		Unit-5: Inheritance	05
		Test	
	October 2022	Unit-5: Inheritance: Wrapper classes, Reflection	05
		Unit-6: Exception Handling	06
		Revision	01
	November 2022	Unit-6: Streams and Files	05
Test			
		Total	48 Periods (33 hours)

Signature of H. O. D.



Signature of Teacher