

**ANNUAL
CURRICULUM PLAN
CLASS: XII-COMMERCE**

SESSION 2025-26

ENGLISH

Month	Lesson & Topics	No. of Periods	Learning Objectives	Methodology/Activities	Teaching Aids / Resources	Experiential Learning	Assessment Tools	Learning Outcomes
April	The last lesson	3	Learning how patriotism also means love for one's language and other aspects of culture.	Reading/explanation.Group discussion	chart/dictionary/NCERT text book	Will enhance the communication skill	presentatation of characters from story studied,pen paper test /mcq/oral test	Students will be able understand the Importance of Education in one's life
	The third level	3	To understand the complexities of modern world	lecture method/Group Discussion	NCERT text book	Will enhance the critical thinking of the students	pen paper test /mcq/oral test	students will be able to overcome adverse circumstances in life
	My mother at 66	2	To recognize the place of mother	Reading/explanation metod.Role play	NCERT text book	Will enhance the communicationskill	pen paper test /mcq/oral test	To accept the reality of lifeand also that death is inevitable
June	Lost spring	3	To understand the importance of childhood	Lecture method/Group Discussion	NCERT text book	Will enhance the critical thinking of the students	pen paper test /mcq/oral test	To understand the plight of slum children
	The tiger king	3	Encourages readers with the ability to fight and overcome tough situations and overwhelming terror	Lecture method/smart boardQuiz	NCERT text book	Will enhance the communicative skill and critical thinking	pen paper test /mcq/oral test	steps to be taken to preserve tigers as they are becoming extinct
	An elementary school in a slum	3	Sensitization towards the critical issue of child labour and deprivation of the basic right to education in slum area.	Reading/explanation method.Group Discussion	NCERT text book	Will enhance the critical thinking of the students	pen paper test /mcq/oral test	To understand the pathetic condition of slum chidren

	Writing Skills Notice/Advertisement	2	Learn new forms of advertising techniques	Format explanation/smart board.Wat test	chart/formats based on topics/NCERT text books	will enhance the creative thinking	pen paper test /mcq/oral test	students vocabulary will be enhanced.
July	Deep water	2	How to overcome any kind of fear	Reading,Explanatory method/Quiz	chart/formats based on topics/NCERT text books	Will help the students in building confidence	pen paper test	To analyse one's own strength and weakness
	Journey to the end of the earth	3	To understand the damage caused by human impact on earth	Lecture method/Group Discussion	NCERT text book	Will help the students to understand the affect of global warming	Pen paper test/Mcq's	The students will be understand the true condition of mother earth
	Keeping Quiet	2	To understand the concept of introspection	lecture method/Group Discussion	NCERT text book	Will help the students to understand themselves in a better way	Pen paper test,oralquestions,Mcq's	will help the students to understand the purpose of living in this World
	Writing Skills Poster/formal invitation and reply	2	Will enable the learners to express their ideas cohesively	Drawing posters for various reasons	Chart paper	Will help the students in showcasing their creative aspects	Drawing completion	Students will be able to portray their thoughts through creative medium
	The Rattrap	3	To understand the life of a vagabond	Explanatory method/Group Discussion	NCERT text book	students will understand the value of god's blessings in their life	Pen paper test,oralquestions,Mcq's	Students will be able to understand the concept of kindness, and humanity
	The Enemy	3	To understand the value of patriotism and duty in one's life	Task based learning/Quiz	NCERT text book	students will learn to perform their duty towards their country as well society with utmost sincerity	oral test/Mcq's	To take firm decisions even in adverse circumstances
AUGUST	A thing of beauty	2	To understand our surroundings with reference to	Reading/explanation./quiz	NCERT text book	Students will be able to understand the environment in a	oral test/Mcq's	students will be able to appreciate the free gifts given

		Nature		better way	to human beings in the form of nature by god	
Business or official letter	2	To enhance the vocabulary of the students	Format explanation/Wat test	NCERT text book	students will be able to express their thoughts in more creative way	
Indigo	3	To understand the sacrifices done by our countrymen to attain the freedom for our country	lecture method/Quiz	NCERT text book	Students will be able to understand the struggle done by the freedom fighters to attain freedom	
Should Wizard hit Mommy	3	To enable the students to respect generation gap.	Reading/Explanation/Role play	NCERT text book	To understand the difference between the outlook of a child in comparison to a mature individual	
A road side stand	2	To understand the plight of people who are not economically sound	Reading,Explanation/Quiz	NCERT text book	Students will be able to understand the plight of under privileged people	
SEPTEMBER	Writing skill letter to the editor/job application	2	Will enhance the creative Skill	Format explanation/Wat test	NCERT text book	students will be able to express their thoughts in more creative way
OCTOBER	Poets and Pancakes	3	students will learn the art of time	Lecture method/Skit	NCERT text book	Students will be able to value time and not

			management		waste it unnecessarily		manner
On the face of it	3		to enable the learners to view others by removing the glasses of prejudice, hatred and dislike.	Reading, explanation/Group Discussion	NCERT text book	Students will learn to treat handicapped people equally	students will learn to be kind towards disabled
Aunt Jennifer Tiger	2		the learners will know about the constraints a married women faces in her life	Explanatory method/Group Discussion	NCERT text book	Will enhance the critical thinking of the students	students will be able to analyze the condition of women in society
November	Article Writing	2	to enable the learners to express their ideas fluently, chronologically and concisely	Format explanation/group discussion	NCERT text book	Their creative writing would be analysed. The interpreting and evaluative skills would be strengthened	The Students would develop an interest towards writing. Their planning and organizing techniques would be enhanced
Debate	2		to enable the learners to express their ideas fluently, chronologically and concisely	The format, rules, technique would be discussed/group activity	NCERT text book	will enhance the communication skill	Public speaking skill will be developed.
The Interview I & II	3		the learners will learn to manage time in a better way	peer to peer teaching/group discussion	NCERT text book	Students will learn to manage time to pursue their creative work	General public will understand that celebrities also need time and space to live their life.
Evan's tries "O" level	4		To enable the learners identify the complexities which comes with	Lecture method/group discussion	NCERT text book	learn to appreciate the ingenuity and the mechanism of a sharp	The learners will be able to familiarize themselves with

		teenage		and intelligent mind	specific background of the cat and mouse role of the police and the criminal.			
December	Speech	2	to enable the learners to express their ideas fluently, chronologically and concisely	Format explanation/group discussion	NCERT text book	will enhance the creative skill	class test	Writing Skill of the learners will get enhanced
	Report Writing	2	to enable the learners to express their ideas fluently, chronologically and concisely	Format explanation/group discussion	NCERT text book	will enhance the creative skill	class test	critical and creative thinking skill of the students will be enhanced.
	Going Places	3	students will be able to understand their responsibility and devote their attention towards their duties	Explanatory method/debate	NCERT text book	will enhance the communication skill	penpapertest,oralquestions,Mcq's	Students will learn the difference between real and imaginary world
	Memories of Childhood	3	students will be able to understand the problems related to Casteism and racial discrimination	Readind,Explanatory method/peer to peer teaching	NCERT text book	will enhance the critical thinking	penpapertest,oralquestions,Mcq's	The learners would be able to sensitize themselves to the issues of estranged cultural ties.

ECONOMICS

Months	No. of Periods	Topics & Sub-Topics	Learning Objectives	Teaching Tools /Resources	Methodology/ activities	Experiential Learning	Assessment Tools	Learning Outcome
APRIL	22	1. Development Experience and Economic Reforms	1. Indian Economy on the eve of independence. 2. Indian Economy	news paper, magazine, internet	lecture method, discussion method, demonstration method, interactive method. Activity- buzz session	Everyone learns from each other's input and experiences.	pen paper test, class response, oral questions	students will know the state of economy(agriculture, service and industry) at the eve of independence.
JUNE	15	1. Development Experience and Economic Reforms	2. Indian Economy 3. New Economic Policy (NEP)	News paper, magazine	Lecture method, interactive method. Activity- discussion	students will know the vital role of globalisation	pen paper test, class response, oral questions	students will learn how our economy went through a changing phase from Liberalisation to Privatisation and then to Globalisation.
JULY	26	UNIT-1 national income and related aggregates	i. circular flow of income ii. Basic concepts of macroeconomics	news paper, magazine	lecture method, discussion method activity- misconception check	Students will identify what is correct answer when given a false fact.	pen paper test, class response, oral questions	this topic will unearth as how income is generated and who are the key players
AUGUST	24	UNIT-1 national income and related aggregates	iii. National income and related aggregates iv. Measurement of national income	news paper, magazine, internet	lecture method, discussion method, activity- demonstration	students will learn how to calculate national income	pen paper test, class response, oral questions	by the end of the topic students will be able to calculate national income through all three methods of calculating national income.
SEPTEMBER	26	UNIT-2 money and banking	i. money ii. Banking: commercial banks and the central bank	news paper, magazine	lecture method, activity- worksheet	students will know when and how much of money Is to be printed and where are they printed	pen paper test, class response, oral questions	students will know the functions of money, evolution of money and functions of commercial and RBI.

OCTOBER	19	UNIT-3 determination of income and employment	i. aggregate demand and realted concepts. ii. Income determination and multiplier	news paper, magazine	lecture method, activity- quiz	since quiz will be based on conceptual learning hence it will help students acquire knowledge in a better way	pen paper test, class response, oral questions	by the end of the topic students will know how income is determined and the multiplier effect on income.
NOVEMBER	19	UNIT-3 determination of income and employment UNIT-4 government budget and deficient demand	iii. Excess demand and deficient demand	newspaper, magazine, internet	lecture method, activity- brainstorming	students will build confidence and will make them presentable.	pen paper test, class response, project work, oral questions	students will learn how probleem of excess and deficient demand can be eradicated.
DECEMBER	21	UNIT-4 balance of payments. Current challenges facing Indian Economy	i. foreign exchange rate ii. Balance of payments #Poverty #Human Capital Formation #Employment Growth #Infrastructure #Environment and Sustainable Developoment	newspaper, magazine	lecture method, discussion method, demostration method, activity- exit slips	This is generally done after the class is over in which they write for a minute on a specific question- what they learned today?	pen paper test, class response, oral questions	students will lean about bretton woods system and gold standard which were fixed for exhange rates and challenges faced by the economy.

Accountancy

Month	Lesson & Topics	No. of Periods	Learning Objectives	Methodology	Experiential Learning	Teaching Aids / Resources	Assessment Tools	Learning Outcomes
June	VOL.II UNIT-1 Company - Accounting for Share Capital Share and share capital: nature and types.	15	To familiarize the students about issue and allotment of equity shares, private placement of shares, Employee Stock Option Plan (ESOP). Public subscription of shares - oversubscription and undersubscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash. Accounting treatment of forfeiture and re-issue of shares. Disclosure of share capital in company's Balance Sheet.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will be solved by students in class room, class response, and assignments.	Students will be able to state the meaning of share capital, how it is done, different types of shares a company forfeits share when amount paid, and also the preparation of balance sheet.

July	UNIT-2 Accounting for Debentures	30	To familiarize the Learner about Debentures: Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security-concept, interest on debentures.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to state the types of debentures, and will be able to participate in entries regarding issue of debenture premium and discount.
	UNIT-3 Redemption of debentures	14	To know about Redemption of debentures: Lump sum, draw of lots and purchase in the open market (excluding ex-interest and cum-interest). Creation of Debenture Redemption Reserve and Debenture redemption investment.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to state the terms of redemption of debenture, and will be able to solve practical's on redemption of debentures at par, premium and discount, and of DRR and DR.
August	VOL.III UNIT – 1 Financial statements of a company	30	To familiarize the students about Financial statements of a company: Statement of Profit and Loss and Balance Sheet in the prescribed form with major headings and subheadings (as per Schedule III to the Companies Act, 2013).	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will understand the meaning of statement under companies Act, 2013, heads of balance sheet and statement of loss.
	UNIT-2 Financial statement analysis- Comparative analysis	16	To familiarize the students about Meaning of Comparative statements, common size statements of profit and loss account and balance sheet.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand Comparative statements, common size statements of profit and loss account and balance sheet.

September	UNIT-3 Financial Analysis/ Ratio Analysis	24	To familiarize the students about Meaning of Accounting Ratios: Objectives, classification and computation. Liquidity Ratios: Current Ratio and Quick Ratio. Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio and Working Capital Turnover Ratio. Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand the Accounting ratios its importance and solve the practical questions on it.
September	UNIT- 4 Cash Flow Statement	16	To understand the Meaning, objectives and preparation (as per AS 3 (Revised) (Indirect Method only))	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by T.S. Grewal,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand the cash flow statement and will be able to solve the practical.
October	VOL-I UNIT-1 Not for Profit Organization	18	To familiarize the students about Meaning, objectives and preparation not for profit organization receipts and payments account, income and expenditure account. Balance sheet fund based accounting preparation of income and expenditure account and balance sheet	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPTs and ref book, Text book for Accountancy part -A by NCERT and Refresher by	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to organization receipts and payments account and expenditure account. Balance sheet fund based accounting preparation of income and expenditure account and balance sheet and will be able to solve the practical.

October	UNIT- 2 Partnership Fundamental	15	To aware students about Meaning of Partnership:features,Partnership Deed,Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. Fixed & fluctuating capital accounts. Preparation of Profit and Loss Appropriation account-division of profit among partners, guarantee of profits. Past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio).	Lecture method and interactive method.	Projects, Company visit , Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to learn and the following state the meaning of Partnership accounting, will be able to solve questions based on P&L account and Capital Account & Past Adjustment.
October	UNIT-3 Valuation of Goodwill	10	To aware students about Meaning of goodwill, nature, factors affecting and methods of valuation-average profit, super profit and capitalization	Lecture method and interactive method.	Projects, Company visit , Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by T.S.Grewal,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to learn and understand how goodwill is calculated by different methods.
November	UNIT-4 Change in the Profit Sharing Ratio among the existing partners	10	To familiarize the students about the sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves and accumulated profits. Preparation of revaluation account and balance sheet.	Lecture method and interactive method.	Projects, Company visit , Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to learn sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves and accumulated profits. Preparation of revaluation account and balance sheet.

November	UNIT-5 Admission of a partner	25	To familiarize the students about Introduction ,Meaning of subsidiary books, cash book, single column cash book, Double column & petty cash book	Lecture method and interactive method.	Projects, Company y visit , Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand of Reconstitution of partnership at time of profit sharing ratio. And will be able to solve based on change in ratio and treatment and preparing Revaluation a/c , capital account , balance sheet at time of change in ratio
December	UNIT-6 Retirement and death of a partner	24	To familiarize the students about effect of retirement /death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits and reserves, adjustment of capital accounts and preparation of balance sheet. Preparation of loan account of the retiring partner.	Lecture method and interactive method.	Projects, Company y visit , Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to solve on Retirement and Death. And a Different accounts to be prepared
December	UNIT-6 Dissolution of a partnership firm:	22	To familiarize the students about types of dissolution of a firm. Settlement of accounts -preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c(excluding piece meal distribution, sale to a company and insolvency of partner(s)	Lecture method and interactive method.	Projects, Company y visit , Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to solve on Retirement and Death. And a Different accounts to be prepared

	REVISION		REVISION	Lecture method and interactive method.	Projects, Company visit , Field trip &Survey	Smart Board PPT, s and ref book , Text book for Accountancy part -A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	REVISION
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BUSINESS STUDIES

Months	No. of Periods	Topics & Sub-Topics	Learning Objectives	Teaching Tools /Resources	Methodology	Experiential Learning	Assessment Tools	Learning Outcome
MARCH	12	1. Nature and significance of management	meaning, characteristics, objectives, importance of management	news paper, magazine, internet	lecture method, discussion method, demonstration method, interactive method.	since quiz will be based on conceptual learning hence it will help students acquire knowledge in a better way	pen paper test, class response, viva questions	students will have knowledge about management.
APRIL	13	1. nature and significance of management	nature of management, levels of management, functions of management, functions of management and coordination.	news paper, magazine	lecture method, discussion method, interactive method.	through group discussion students will know the difference of management as science and management as art and profession	pen paper test, class response, viva questions	students will be aware of levels of management and how there is a chain of command and the functions of each level of management.
JUNE	23	2.Principles of management	meaning,nature, characteristics,importance,fayol's principle of management, scientific management by F.W. Taylor and comparison between taylor and fayol	news paper, magazine	lecture method, discussion method, demonstration method, interactive method.	presentation will enhance students understanding on two different principle .	pen paper test, class response, viva questions	students will know that management works on principles and to what extend these principles are important in proper functioning of management.
JULY	12	3.Business Environment 4.Planning 5.Organising	3.meaning, features, importance, dimensions and features of NEP 1991. 4. Limitations of planning, planning process, types of plan. 5. meaning, importance, organisational structure,delegation of authority, centralisation and decentralisation.	news paper, magazine, internet	lecture method, discussion method, demonstration method, interactive method.	students will acquire knowledge by discussing about NEP 1991, its impact and how planning and organising plays an imp. Role in smooth functioning of management	pen paper test, class response, viva questions	students will know business environment and two principles of management.

AUGUST	12	6. Staffing Directing 8. Controlling	7. meaning, characteristics, components, importance	news paper, magazine	lecture method, discussion method, demonstration method, interactive method.	since quiz will be based on conceptual learning hence it will help students acquire knowledge in a better way	pen paper test, class response, viva questions	students will learn the remaining principles of management.
SEPTEMBER	5	9. Financial management	meaning, objective capital structure, fixed and working capital	news paper, magazine, internet	lecture method, discussion method, demonstration method, interactive method.	this will build confidence in students as the student will present the topic in front of class	pen paper test, class response, viva questions	students will have better understanding on how finance should be optimumly used.
OCTOBER	12	10. Financial Market 11. Marketing Management	money market, capital market and stock exchange	newspaper, magazine	lecture method, discussion method, demonstration method, interactive method.	students will develop a sense of debate while discussing in group	pen paper test, class response, viva questions	students will come to know about capital market and money market plus marketing strategies and management.
NOVEMBER	12	12. Consumer Protection	importance, legal protection to consumer, consumer rights, consumer responsibilities	newspaper, magazine, internet	lecture method, discussion method, demonstration method, interactive method.	by conducting quiz students will become more aware of consumer rights as the questions will basic based on consumer rights	pen paper test, class response, viva questions	students will know consumer rights and their responsibilities.

PHYSICAL EDUCATION

Months	Topics & Sub-Topics	No of Periods	Learning Objectives	Methodology	Teaching Tools /Resources	Experiential Learning	Assessment Tools	Learning Outcome
June	Changing trends and career and physical education	14	Meaning and Definition of physical education	Lecture method, Discussion Method,& and Demonstration Activity: Students would be taken to auditorium to watch gladiator movie	Smart board Internet Flow chart Board marker	Students will become aware about fitness and health care They will learn different forms of actions that were primitive.	Pen-paper Test, class response Physical activity Running Yoga	Children will become aware about changing trends in current physical education syllabus
July	1-olympic Movement 2-Physical Fitness,Wellness and life style	27	Ancient and modern olympics, Components of wellness	Lecture method, Discussion Method,& and Demonstration Activity: Make a file showing the difference between ancient and modern Olympic.	Smart board Internet Flow chart Board marker Pen Paper	Organisational set-up Sports and Chacha Nehru sports awards.	Pen-paper Test, class response Physical activity Running Yoga	children will become aware about components of Health- Related Fitness
August	1-Yoga 2- Physical Activity 3-Test measurement and Evaluation.	22	Relaxation technique and concentration	Lecture method, Discussion Method,& and Demonstration Activity: Students would be doing three types of asana's a) Cultural b) Meditative c) Therapeutic	Smart board Internet Flow chart Board marker Yoga mat	Introduction to Asanas,Pranayama and yoga skills	Pen-paper Test, class response Physical activity Running Yoga	Concept of physical Activity in terms of yoga and importance of test and Measurement t and evaluation in sports
SEP	REVISION							
October	Fundamentals of Anatomy and physiology	20	Definition of Anatomy, Physiology and their importance	Lecture method, Discussion Method,& and Demonstration Activity: Students would be visit to Biolab	Smart board Internet Flow chart Board marker	Introduce function of Respiratory system, and properties of muscles	Pen-paper Test, class response Physical activity Running Yoga	Functions of skeletal system, Classification of Bones and Types of joints

INFORMATION PRACTICES

MONT H	TOPIC / CONCEPT AND SKILL	No of Periods	LEARNING OBJECTIVE	METHODOOLOGY	TEACHING TOOL/ RESOURCES	EXPERIENTIAL LEARNING	ASSESSMENT OF TOOLS	LEARNING OUTCOME
Apr	Introduction of Numerical Functions	10	Reindexing, and altering labels.1D array, 2D array Arrays: slices, joins, and subsets, Arithmetic operations on 2D arrays	Experimental Learning, Demonstrative Brain stroming,Interactive ,Communicative	Student can now deal with computer	pracitically identify all the computer software and study deply about computer system	Given to identify more new devices and advancce AI devices	Student are now aware about python numerical calculus
June	Introduction of Python pandas	8	Advanced operations on Data Frames: pivoting, sorting, and aggregation	Brain stroming, Experimental Learning, Demonstrative ,Interactive ,Communicative	ready to identify hardware devices	we will recognize device of computer in lab	Given to identify more new devices	Students are able to develop application of number using simple python.
July	Introduction of Python pandas part-2	15	Iterating over a DataFrame, Binary operation in a DataFrame, Descriptive Statistics with Pandas	Communicative, Experimental Learning, Demonstrative Brain stroming,Interactive ,	Conditional statements: if, if-else, if-elif-else; simple programs:	for example learning of these items absolute value, sort 3 numbers, divisibility.	anaconda software to running program of python	Student are now able to use, develop & debug programs independently.
Aug	Introduction plotting with pyplot	10	Basic concept of Data representation: Binary, ASCII, Unicode	Experimental Learning, Demonstrative Brain stroming,Interactive ,Communicative	Suggested programs: finding average and grade for given marks, amount calculation for given cost-qty-discount,	perimeter-wise/ area-wise cost calculation, interest calculation	List and dictionary: finding the maximum, minimum, mean; linear search on a list of numbers, and counting the frequency of elements in a list using a dictionary.	student are able to plot very creative graphs using python.

