

FATIMA COLLEGE (AUTONOMOUS)



Re-Accredited with "A++" by NAAC (Cycle IV)

Mary land, Madurai- 625 018, Tamil Nadu, India.

DETAILS OF NEW COURSES INTRODUCED IN 2023-2024

S. No	Details of courses introduced across all programmes offered during the year		
	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development
	PART - I - LANGUAGES		
1	General Tamil - I	23TL1C1	Skill Development Contents: Kalaisollakkam, Mozhipeyarppu Activities : Verse Writing, Short Story Writing, Quiz, Oral.
2	Thamizhiyal Kalvi Aadhara Valangal	23TL1S1	Skill Development Contents : Minnanukaruvigalil thamizhai ulliduthal Activities : Verse Writing, Short Story Writing, Quiz , Assignments, Vocabulary - Building
3	General Tamil - II	23TL2C2	Skill Development Contents: Mozhithiran Activities : Developing Creative Writing, Letter Writing, Hint development
4	Thamizh Mozhi Amaippiyal	23TL2S2	Skill Development Contents :Matrilakkana Vithigal Activities : Verse Writing, Short Story Writing, Quiz, Assignments, Vocabulary - Building
5	General Tamil - Kappiya Ilakkiyam	19TL3C3	Skill Development Contents: Mozhipeyarppu Activities: Translation of English to Tamil
6	General Tamil -Sanga Ilakkiyam	19TL4C4	Skill Development Contents: Nadagam Activities : Script Writing, Role Play, Assignment

7	Prayojanmoolak Hindi aur Vyakaran	23DL1C1	Skill development : CONTENT: Identifying verbs, Identifying Noun, Pronoun Words Activity: Reading Hindi books, Writing summary of story, Translation of hindi words into english ,Oral test, Reading story books for identifying nouns and pronouns
8	Hindi Gadhya,Upanyas aur Vyakaran	23DL2C2	Skill development : CONTENT: Vyakaran,Kahaniyam,Upanyas, Nibandh Activity: Role play , Summarizing a story, Listening to Hindi Audio Novels,Writing a Paragraph on General topics.
9	PART 1 LANGUAGE FRENCH - INTRODUCTORY FRENCH I	23RL1C1	SKILL DEVELOPMENT: 100% CONTENT:PHONETICS Activity: Listening to French alphabets, words, sentences- SE PRESENTER
10	PART 1 LANGUAGE FRENCH - INTRODUCTORY FRENCH II	23RL2C2	SKILL DEVELOPMENT: 100% CONTENT: DIALOGUE IN A FRENCH RESTAURANT, DIALOGUE IN A MARKET Activity: Role play

PART II ENGLISH

11	Basic Communicative English	23EL1LB	Employability & Skill Development: Content: Accepting and declining Invitation, On the Telephone, At the Library, Daily Activities & What did you do? Activities: Asking directions, Telephone Conversation, Asking Time, Completing the Story & Greeting and Parting
12	Intermediate Communicative English	23EL1LI	Employability & Skill Development: Content: Someone Tell Me Why, Respect the National Anthem, What did you do?, Asking Direction, Asking Time, Oh Mind! Relax Please!, Letters of Famous Personalities, Videos on Global Warming, Degrees of Comparison, Preposition, Differentiating phonemes & Story Writing. Activities: Word Games, Making Conversations, Greetings, Story Writing, Worksheets & Dumb Charades
13	Advanced Communicative English	23EL1LA	Employability & Skill Development: Content: On the Campus, At the Post Office, Moana, Informal Expressions, Expressing Abilities and Possibilities, Making Inferences, At the College & For Business and Pleasure. Activities: Dumb Charades, Pictionary, Writing Cock and Bull Stories, Writing Movie Review & Creating Imaginary Conversations.

14	English for Effective Communication	23EL2LB	Employability & Skill Development: Content: At the Post Office, Time and Calendar, Asking about Prices, Little Dora, The Spirit's Pilgrimage, Conflicting Reports, To Infinitive & Road Map. Activities: Making Complaints, Persuading a Friend, Asking About Prices, Word Games, Expanding News Headline & Word Associations
15	English for Empowerment	23EL2LI	Employability & Skill Development: Content: At the Office, Congratulating and Wishing Well, Attending an Interview, Explore to be Enlightened, Unleashing Creativity, Plosive Sounds, Indirect and Direct Speech, & Gerunds. Activities: Role Playing, Conversation Competition, Vocab Shot, Responding to Invitation & Spell Bee
16	English for Creative Writing	23EL2LA	Employability & Skill Development: Content: Are you Smart?, Goat Days, Snakes and Ladders, Is it Hard to Improve?, How to Win? & Arguments. Activities: Debate, Story-telling, Riddles, Making Creative Excuses & Group Discussion.
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17	History of Ancient India Upto 1206 C.E	23H1CC1	Employability : Content: 100 % for Competitive Exams Activity: Assignment,Quiz,Debate, On the Spot Study
18	History of Tamil Nadu up to1363 CE	23H1CC2	Employability : Content: -100 % for Competitive Exams Activity: Map Work, Brainstorming,Quiz,Group Discussion

19	History of Medieval India - 1206 - 1707 CE	23H2CC3	Employability : Content: - 100 % for Competitive Exams Activity: Mind map, Quiz, Group Discussion
20	History of Tamil Nadu - 1363 – 1800 CE	23H2CC4	Employability : Content: - 100 % for Competitive Exams Activity: Mind map, Quiz, Group Discussion
21	Introduction to Archaeology	23H1EC1	Employability : Content: - Conservation of Artefacts -Arikamedu – Adichanallur Activity: Mind map, Quiz, Group Discussion, On the Spot Study
22	Tourism in Tamilnadu	23H1EC2	Employability : Content:- Concepts of Tourism:Meaning of Tour Operator- Itinerary Planning Entrepreneurship : Content: - Tourist Agencies- Hospitality- Hotel accommodation Activity: Brainstorming, Mind map, Quiz, Group Discussion
23	Western Political Thought	23H2EC3	Employability : Content: Socrates – Plato -Thomas Hobbes -Karl Marx Activity: Assignment, Quiz, Group Discussion,

24	WOMEN LEGISLATIONS	23H2EC4	Employability : Content : Colonial Legal System - LawsRelatingtoViolenceAgainstWomen-Women and Labour Laws Activity : Assignment,Quiz,Group Discussion,
25	Introduction to Tourism (Offered to other Department Students	23H1SE1	Employability : Content: - Concepts of Tourism:Meaning of Tour Operator- Itinerary Planning Entrepreneurship : Content: -Travel Agency: Meaning of Travel Agent – Types of Travel Agency Activity: Brainstorming,Mind map,Quiz,Group Discussion
26	Introduction to History	23H1FC	Employability : Content: Meaning &Nature of History -Kinds of History- Indian Historians Activity: Assignment,Quiz,Group Discussion,
27	Basic Journalism (Offered to other Department Students	23H2SE2	Entrepreneurship : Content: - Creation of Tourist Database Skill Development : Content: - Creation of Tourism Advertisements Activity: Assignment,Quiz,Chart Work, On the Spot Study

28	Indian Constitution	23H2SE3	Employability : Content: 100 % for Competitive Exams Activity: Assignment, Quiz, Group Discussion, On the Spot Study, Chart Work
	2.UAEC		
29	MICRO ECONOMICS I	23E1CC1	Employability : Contents: Inductive and Deductive Approaches, Law of Supply Activities: Worksheets, Assignments, Problem Solving Exercises
30	STATISTICS FOR ECONOMICS - I	23E1CC2	Employability : Contents: Classification and Tabulation of Data- Types - Frequency Distribution Activities: PowerPoint Presentation, Assignments, Worksheets
31	INDIAN ECONOMIC DEVELOPMENT	23E1GE1	Employability : Contents: Basic Needs, Physical Quality of Life Index, Human Development Index and Gender Empowerment Measure Activities: PowerPoint Presentation, Assignments, Worksheets

32	DEMOGRAPHY	23E1SE1	Entrepreneurship : Contents: Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India Activities: Assignments, Computing the Cost and Output Relationship for a Product
33	BUSINESS COMMUNICATION	23E1FC	Skill Development : Contents: Communication Networks - Types and Media of Communication – Barriers to Communication Activities: Practical Implementation of Concepts
34	MICRO ECONOMICS II	23E2CC3	Employability : Contents: Dead Weight Loss -Policies to Control Monopoly – Price Discrimination Activities: PowerPoint Presentation, Assignments, Worksheets
35	STATISTICS FOR ECONOMICS - II	23E2CC4	Employability : Contents: Unweighted and Weighted Index Numbers – Aggregate and Relative Index Numbers Activities: PowerPoint Presentation, Assignments, Worksheets

36	BUSINESS ENVIRONMENT	23E2GE2	Skill Development : Contents: Government and Business Relationship in India – Provisions of Indian Constitution Pertaining to Business Activities: Problem Solving on Accounting Tools, Monopoly Game, Case Study Analysis.
37	ECONOMICS FOR INVESTORS	23E2SE2	Skill Development : Contents: Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment Activities: Problem Solving on Accounting Tools, Monopoly Game, Case Study Analysis.
38	COMPUTER APPLICATION IN ECONOMICS	23E2SE3	Entrepreneurship : Contents: MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes Activities: Assignments, Computing the Cost and Output Relationship for a Product

39	AGRICULTURE AND ALLIED BUSINESS	23E5SB4	Skill Development : Contents: Agriculture and its types- State intervention in agriculture-reasons for intervention- State intervention in production, marketing and stabilisation of prices- subsidies to agriculture Activities: Problem Solving on Accounting Tools, Monopoly Game, Case Study Analysis.
40	EVENT MANAGEMENT	23E6SB6	Entrepreneurship : Contents: Organising Committee- Event Scheduling - Venue Selection-Recruitment of Event Staff Activities: Assignments, Computing the Cost and Output Relationship for a Product

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41	INTRODUCTION TO SOCIOLOGY	23S1CC1	Employability : Contents: Relationship between Sociology and other Social Sciences, Institution Association, Education in the role social upliftment. Entrepreneurship: Contents: functions of primary, secondary and reference groups, Socialization. Activities : Demonstration, Practicals, Record Writing, Hands-On-Training, Assignment, Oral and Written Test.
42	INTRODUCTION TO SOCIOLOGICAL THOUGHTS	23S1CC2	Employability : Contents: Social Statics and dynamics, Social Evolution, Social Facts, Religion, Suicide. Skill Development : Contents: class struggle, Bureaucracy, Types of Authority, Class, Status and Power Activities : Demonstration, Practicals, Record Writing, Hands-On Training to Create Data, Apply Statistical Tools and Analyse the Data.

43	SOCIOLOGY INFORMATICS	23S2CC3	<p>Employability : Contents: Cyber Culture, Cyber security, Computer Virus- worms and threats.</p> <p>Entrepreneurship : Contents: Usage of Statistical Package for Social Scientists, Blog Creation and Maintenance, Online Survey, Computer Generated Sampling</p> <p>Skill Development : Contents: Creating a simple presentation, Using custom Animation, Inserting, Deleting, Renaming</p> <p>Activities: Demonstration, Practicals, Record Writing, Hands-On Training, Assignment, Oral and Written Test.</p>
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44	CONTEMPORARY SOCIOLOGICAL THOUGHTS	23S2CC4	<p>Employability : Contents: Voluntaristic Action - Pattern Variable - Functional Requisites, Functional Analysis - Latent and Manifest function - Role Theory – Anomie Skill Development : Contents: Circulation of Elites - Residues and Derivatives - Logical and Non- Logical action Activities: Demonstration, Practicals, Record Writing, Hands-On-Training, Assignment, Oral and Written test.</p>
45	Social Psychology	23S1EC1	<p>Employability : Contents: Importance of Social Psychology Entrepreneurship : Contents: Need for Community Psychology, Public Opinion and Propaganda Skill Development : Contents: Social Cognition, Attitudes, Prejudice and Stereotype. Activities: Analysing Social Issues, Assignment, Oral and Written Test, Group Analysis, Group Discussions, Debate.</p>

46	Social Anthropology	23S2EC3	<p>Employability : Contents: Culture Traits and Culture Complex, Kinship.</p> <p>Entrepreneurship : Contents: Marriage, Religion and Magic, Tribal Problems and Tribal Empowerment Programmes</p> <p>Activities: Surprise Test, Assignments, Observation of Tribal Life, Oral and Written Test, Group Discussions, Debate.</p>
47	Communication Skills	23S1SE1	<p>Employability : Contents: Importance Of Communication, Verbal And Non-Verbal-Personal, Posture, Gestures, Facial Expression, Eye contact</p> <p>Skill Development : Contents: The Three Dimensions of Responding skills – Perceptiveness – Knowhow and Assertiveness. Learning to name the Feeling and Emotion. Use of Open ended questions.</p> <p>Activities: Demonstration, Practicals, Record Writing, Hands-On-Training, Assignment, Oral and Written test.</p>

48	Workplace Behavior and Employability Skills	23S1SE2	<p>Employability :</p> <p>Contents: a) defining organization, behavior and organizational behaviour, b) assumptions of OB, c) principles of OB, d) levels of OB, e) scope of OB, f) OB and Human Resource Management.</p> <p>Skill Development :</p> <p>Contents: Self- Management Skills- Information Communication Technology Skills- Green Skills- Sustainable development-Our Role in sustainable development.</p> <p>Activities: Demonstration, Practicals, Record Writing, Hands-On-Training, Assignment, Oral and Written test.</p>
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49	Leadership Skill	23S2SE3	<p>Employability : Contents: Leadership Skills, Emotional Intelligence, High Energy level, Self awareness, self regulation,. Motivation, empathy, Commitment, social skills, Open to new ideas , good listener,</p> <p>Skill Development : Contents: Description, Sources of Conflict, Approach to Conflict -Conquest, Avoidance(Self Study), Bargaining, Quick Fix. Activities: Demonstration, Practicals, Record Writing, Hands-On-Training, Assignment, Oral and Written test.</p>
50	Public Speaking	23S1FC	<p>Employability : Contents: Preparation for an Interview - The Purpose of an Interview -The Interview Situation - Types of Interview.</p> <p>Skill Development : Contents: Group Discussions, Breath Control – Posture. Activities: Demonstration, Practicals, Record Writing, Hands-On-Training, Assignment, Oral and Written test.</p>

51	Basic Communicative English	23EL1LB	Employability & Skill Development : Content: Accepting and declining Invitation, On the Telephone, At the Library, Daily Activities & What did you do? Activities: Asking directions, Telephone Conversation, Asking Time, Completing the Story & Greeting and Parting
52	Intermediate Communicative English	23EL1LI	Employability & Skill Development : Content: Someone Tell Me Why, Respect the National Anthem, What did you do?, Asking Direction, Asking Time, Oh Mind! Relax Please!, Letters of Famous Personalities, Videos on Global Warming, Degrees of Comparison, Preposition, Differentiating phonemes & Story Writing. Activities: Word Games, Making Conversations, Greetings, Story Writing, Worksheets & Dumb Charades

53	Advanced Communicative English	23EL1LA	Employability & Skill Development : Content: On the Campus, At the Post Office, Moana, Informal Expressions, Expressing Abilities and Possibilities, Making Inferences, At the College & For Business and Pleasure. Activities: Dumb Charades, Pictionary, Writing Cock and Bull Stories, Writing Movie Review & Creating Imaginary Conversations.
54	Introduction to Literature	23L1CC1	Employability : Content: Introduction: Poetry, Different forms of poetry, Sonnet, Ode, Elegy, Lyric Ballad, Prose-Short Story, Novella, Novel, Drama-Comedy, Tragedy, Tragi-Comedy, “When I Consider How My Light is Spent”, “Ode to Nightingale” and Don Quixote. Activities: Model Making, Quiz, Assignment, Open Book Test and Flow Chart.

55	Indian Writing in English	23L1CC2	Employability : Content: "Sparrows", "Khabuliwala", The Tiger and the Deer, "The Village Song", "Indian Women", Mukthadhara and Sleepwalkers. Activities: Quiz, Mockskit, Assignment, Poster Making and Open Book Test.
56	Literary Genres & Forms	23L1EC1	Employability : Content: 100% for NET/SET/ TET Activities: Quiz, Timeline Charts, Open Book Test & Assignment.
57	Literary Terms	23L1EC2	Employability : Content: 100% for NET/SET/ TET Activities: Quiz, Timeline Charts, Open Book Test & Assignment.
58	Functional English	23L1SE1	Employability & Skill Development : Contents: Making Introduction, Expressing Requests and Enquires, Telephone Etiquette, Group Discussion, Interviews, Situaational Conversation & Extempore Speech Activities: Telephone Etiquette, Assignment, Group Discussion and Mock Interviews
59	Basics of English Studies	23L1FC	Employability : Contents: 100% for NET/SET/TET. Activities: Mind Mapping, Analysing Literary Texts and Identifying Contrary Ideas

60	English for Effective Communication (Basic)	23EL2LB	Employability & Skill Development : Content: At the Post Office, Time and Calendar, Asking about Prices, Little Dora, The Spirit's Pilgrimage, Conflicting Reports, To Infinitive & Road Map. Activities: Making Complaints, Persuading a Friend, Asking About Prices, Word Games, Expanding News Headline & Word Associations
61	English for Empowerment (Intermediate)	23EL2LI	Employability & Skill Development : Content: At the Office, Congratulating and Wishing Well, Attending an Interview, Explore to be Enlightened, Unleashing Creativity, Plosive Sounds, Indirect and Direct Speech, & Gerunds. Activities: Role Playing, Conversation Competition, Vocab Shot, Responding to Invitation & Spell Bee
62	English for Creative Writing (Advanced)	23EL2LA	Employability & Skill Development : Content: Are you Smart?, Goat Days, Snakes and Ladders, Is it Hard to Improve?, How to Win? & Arguments. Activities: Debate, Story-telling, Riddles, Making Creative Excuses & Group Discussion.

63	British Literature - I	23L2CC3	Employability : Contents: "The Spectator Club", "Of Truth", "Of Adversity", "The Chimney Sweeper", "Endymion", Paradise Lost, "Ode: To Intimation & Immorality", Dr.Faustus, She Stoops to Conquer, Frankenstein, Gulliver's Travels and A Tale of Two Cities. Activities : Quiz, Mockskit, Assignment, Poster Making and Open Book Test.
64	American Literature - I	23L2CC4	Employability : Contents: "O Captain, My Captain!", "The Raven", "Crow Testament", "The Philosophy of Composition", "I have a Dream", The Glass Menagerie, Uncle Tom's Cabin and Ceremony. Activities: Model Making, Quiz, Assignment, Open Book Test and Flow Chart.
65	Phonetics & Transcription	23L2EC3	Employability & Entrepreneurship : Content: 100% for NET/SET/ TET Activities: Quiz, Timeline Charts, Open Book Test & Assignment.
66	Phonetics & Spoken English	23L2EC4	Employability & Entrepreneurship : Content: 100% for NET/SET/ TET Activities: Quiz, Timeline Charts, Open Book Test & Assignment.

67	Functional English	23L2SE2	Employability & Skill Development : Contents: Making Introduction, Expressing Requests and Enquires, Telephone Etiquette, Group Discussion, Interviews, Situaational Conversation & Extempore Speech Activities: Telephone Etiquette, Assignment, Group Discussion and Mock Interviews
68	English for Communication	23L2SE3	Employability & Skill Development : Content: Basic Communication Styles, Types of communication, Effective communication skills and Application of learning Activities: Debate, Extempore, Daily Conversations and Group Discussion.
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69	GENERAL TAMIL - I	23TL1C1	Skill Development : Contents: Kalaisollakkam, Mozhipeyarppu Activities: Verse Writing, Short Story Writing, Quiz, Oral.
70	THAMIZHIYAL KALVI AADHARA VALANGAL	23TL1S1	Skill Development : Contents: Minnanukaruvigalil thamizhai Payanpaadu Activities: Verse Writing, Short Story Writing, Quiz , Assignments, Vocabulary - Building

71	GENERAL TAMIL - II	23TL2C2	Skill Development : Contents: Mozhithiran Activities: Developing Creative Writing, Letter Writing, Hint development
72	THAMIZH MOZHI AMAIPPIYAL	23TL2S2	Skill Development : Contents: Matrilakkana Vithigal Activities: Verse Writing, Short Story Writing, Quiz, Assignments, Vocabulary - Building
73	IKKALA ILAKKIYAM	23T1CC1	Employability : Contents: Kavithai, Sirukathai Activities: Verse Writing, Story Writing, Comparative Study.
74	THAMIZHAGA VARALARUM PANPADUM	23T1CC2	Employability : Contents: Agalvaraichigal Activities: Verse Writing, Story Writing, Comparative Study.
75	ARA ILAKKIYAM	23T2CC3	Employability : Contents: Thirukkural Activities: Worksheets on Grammar, Assignment, Flowchart, Quiz
76	THAMIZH ILAKKIYA VARALARU	23T2CC4	Employability : Contents: Silapathigaram Activities: Group Discussions, Role Play, Seminars
77	THAMIZH MARABU MARUTHUVAM	23T1EC1	Employability : Contents: Iyarkai Maruthuvam Activities: Group Discussions, Public Speaking, Medicinal Exhibition

78	NAATTAAR MARABUKAL	23T1EC2	Employability : Contents: Nattar Nigalkalaigal Activities: Writing Technical Reports, Agenda and Minutes
79	KOYIRKALAI	23T2EC3	Employability : Contents: Kovil Amaippugal Activities: Group Discussions, Quiz, Assignment, Chart Work
80	THAMIZHARIN MELANMAI SINTHANAICAL	23T2EC4	Employability : Content: Thalaimaippanbu Activity: Role Play, Group Discussions, Quiz
81	THAMIZHIL SIRAAR ILAKKIYAM	23T1FC	Skill Development : Content: Kavithai Activity: Roleplay, Assignments, Group Discussions, Quiz
82	ADIPPADAI THAMIZH - I	23T1SE1B	Skill Development : Content: Olippu payirchi, Vasippu payirchi Activity: Roleplay, Assignments, Group Discussions, Quiz
83	THAMIZHIYAL KALVI AADHARA VALANGAL	23T1SE1P	Skill Development : Content: Nattuppura Paadal Activity: Roleplay, Assignments, Group Discussions, Quiz
84	ADIPPADAI THAMIZH - II	23T2SE2B	Skill Development : Content: Vilayattukkal Activity: Roleplay, Assignment, Quiz
85	THAMIZH MOZHI AMAIPPIYAL	23T2SE2P	Skill Development : Content: Mozhipeyarppu Activity: Roleplay, Assignment, Quiz

86	ITHAZHIYAL	23T2SE3	Skill Development : Content: Karuthupadangal Activity: Roleplay, Assignment, Quiz
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87	Algebra and Trignometry	23M1CC1	Employability : Contents: 100% Activities: Solving the problems in summation of series, trigonometric functions and determining the characteristic equation and eigen values.
88	Differential Calculus	23M1CC2	Employability : Contents: 100% Activities: Problem solving techniques on finding the higher derivatives, partial differentives, envelope and curvature
89	Mathematics-I for Physics	23M1GEP1	Skill Development : Contents: 100% Activities: Identify and compute the various fields in which Algebra and Trigonometry can be applied. Identify and put in record the various terms discussed in Algebra and Trigonometry. Finding the roots of the equation and also identifying the relation between roots and coefficients.
90	Mathematics-I for Chemistry	23M1GEC1	Skill Development : Contents: 100% Activities: Solving differential equations, trigonometric series, measures of dispersion and moments.

91	Quantitative Aptitude	23M1SE1	Employability : Contents: Problems and Ages, Profit and Loss, Partnership Skill Development : Contents: Time and work, Time and distance Activities: Project on partnership, which deals with ratio between the working partner and sleeping partner, Solving real life problems related to construction and transportation
92	Bridge Mathematics	23M1FC	Employability : Contents: Algebra, Sequences and Series, Calculus Skill Development : Contents: Permutations and Combinations, Trigonometry Activities: Solving problems in Binomial theorem and related problems. Finding the applications of Permutations and Combinations also solving problems in Differential Calculus.

93	Analytical Geometry (Two & Three Dimensions)	23M2CC3	Employability : Contents: Conjugates, Polar Coordinates Skill Development : Contents: Equation of a sphere, line and planes Activities: To solve real world problems on geometry and its applications and present the mathematical arguments and geometric relationships.
94	Integral Calculus	23M2CC4	Employability : Contents: 100% Activities: Problem solving technique for computation of integrals and listing the geometric and physical applications of integral calculus.
95	Mathematics-II for Physics	23M2GEP2	Employability : Contents: 100% Activities: Solving problems of second order differential equations and Laplace transforms and determining the Line, surface and volume integrals
96	Mathematics-II for Chemistry	23M2GEC2	Employability : Contents: 100% Activities: Solve problems using Laplace Transforms and applying the problem solving techniques of correlation, regression and curve fitting.

97	Mathematics for Competitive Examinations	23M2SE2	Employability : Contents: 100% Activities: Develop and exchange worksheets focusing on simplification tricks
98	Data Interpretation	23M2SE3	Employability : Contents: Analogy, coding and decoding Skill Development : Contents: Direction sense & Logical Venn Diagrams, Inserting the missing character and mathematical operations Activities: Entrepreneurship : Contents: Data Interpretation Activities: Simulate a timed exam environment to practice solving questions within a deadline. Create and present a mock test based on past competitive exam papers.

99	Numerical Methods/ Vector Calculus and Fourier Transforms	23M5ME1/ 23M5ME2	<p>Employability : Contents: Algebraic and Transcendental Equations, Simultaneous Linear Equations Skill Development : Contents: Numerical Differentiation and Integration, Numerical Solution of Differential Equation. Entrepreneurship : Contents: Finite differences & Interpolation Activities: Compare efficiency and accuracy of numerical techniques, use real world data for interpolation and extrapolation tasks Employability : Contents: Differentiation of Vectors Skill Development : Contents: Divergence and Curl, line and surface integrals Entrepreneurship : Contents: Fourier transforms- Finite transform, Properties of Fourier and finite transform Activities: Solving problems on differentiation, Integration and Fourier transforms, divergence and curl.</p>
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100	Properties of matter and sound	23P1CC1	<p>Skill Development :</p> <p>Contents: Yield Point, Elastic limit, Elastic Fatigue, forced, damped vibration</p> <p>Activities: Hands-on-training to determine 'g' using compound pendulum & E-Assignments on problems in Elastic limit, Quiz on Fluid Motion</p> <p>Employability :</p> <p>Contents: Satellites, Bending of Beams – Bending Moment – Beam supported at its ends and loaded in the middle – I- section Griders – determination of Y by bending, Surface tension, Capillarity, simple harmonic oscillations of a loaded spring, ultrasonics-production-piezoelectric, tracking of artificial satellites</p> <p>Activities: Interactive sessions on Surface Tension, Illustrative analysis of elastic moduli of materials</p>
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101	Physics Practicals-I	23P1CC2	Skill Development : Contents: 100 % Experiments in Mechanics and Thermal Physics, Experiments on Oscillations, Waves and in Mechanics Activities: Demonstration of concepts, Hands-on-learning, Record writing, Experimental learning, Interpretation of graphs, Result and Error Analysis
102	Allied Physics-I	23P1GEM1	Skill Development : Contents: Coefficient of Viscosity of liquid, Comparison of viscosities of two liquids,burette method, Heat engine, potentiometer, principle measurement of thermo emf using potentiometer,boolean algebra Activities: Interactive discussion on surface tension of liquids, Demonstration on heat Engine, Problems Employability : Contents: Lissajous's figures Activities: Demonstration of Lissajous's figures using CRO, E- Assignment on applications of Lissajous figures in industries

103	Digital Logic Fundamentals	23P1GE2	Skill Development : Contents: binary number system,boolean algebra. Activities: , Interactive sessions on gates. Employability : Contents: Multiplexers and Demultiplexers, Flip flops, Shift Registers, Counters. Activities: Demonstration of Flip flops, Discussions on applications of Multiplexers, Quiz on Demultiplexers.
104	Physics for Everyday life	23P1SE1/ 23P2SE2	Skill Development : Contents: spring balance, bouncing ball , microwave oven,vacuum cleaner, solar water heaters, solar photo voltaic cells, Activity: Discussions on Physics concepts in our day to day life
105	Introductory Physics	23P1FC	Skill Development : Contents: Vectors, Types of motions, linear, projectile, circular, angular, simple harmonic and sateillte motion Activities: Interactions on applications in Physics, Assignment in physics problems

106	Heat, Thermodynamics and statistical Physics	23P2CC3	Employability : Contents: Heat engine, Definition of efficiency carnot,s ideal heat engine, carnot.s cycle Activities: Panel Discussion on Entropy changes, Demostration on Blackbody Radiation, Quiz on Laws of Thermodynamics. Skill Development : Contents: zero point energy , heat death of universe Activities: Problem solving exercises
107	Physics Practicals-II	23P2CC4	Skill Development : Contents: 100 % Experiments on Oscillations, Waves in Mechanics Activities: Demonstration, Record writing, Experimental learning, Interpretation of graphs, Result and Error Analysis
108	Allied Physics-II	23P2GEM2	Skill Development : Contents: Double refraction, Experiment to study the characteristics of Zener diode USB cell phone charger, introduction to e-vehicles and EV charging stations Activities: Demonstration Zener Diode,

109	Physics of measuring instruments	23P2SE3	<p>Skill Development :</p> <p>Contents: temperature thermometer –Swine flu thermometer –Bulb thermometer-Bimetallic strip thermometer-digital thermometer- Hygrometer- Psychrometer- Difficulty of accurate humidity measurement-Hair tension hygrometer- Electronic hygrometer-Altimeter: Pressure altimeter- Radar altimeter-Other modes of transport: Measuring air pressure- Sattelite altimetry-Velocity anemometers: Windmill anemometer-Laser Doppler anemometer -Sonic anemometer Pressure anemometers: Plate anemometer- Tube anemometer- Piezoelectric Trasnducers-Temperature transducers- Resistance temperature detectors- Thermistors- Ultrasonic termperature transducers- Photoelectric transducers- The photomultiplier tube- - The semiconductor photodiode. Activities: Interactive session on measuring instruments, Illustrative Demonstrations and Assignments on Transducers.</p>
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110	General Chemistry-I	23C1CC1	Skill Development-100% Content: Atomic structure, periodic table, bonding theory, alkane Activities: Prediction of Spontaneous and Non Spontaneous reactions, Assignments.
111	Inorganic estimation and Preparations	23C1CC2	Employability-100% Content : Permanganonometry, Acidimetry-Alkalimetry and Iodometry Activities: quantitative analysis of solutions.
112	Chemistry for Biological Sciences-I	23C1GEZ1	Skill Development-60% Content : Chemical bonding - VB and MO Theory Types of Organic Reactions and Carbohydrates Activities: Comparative Study of various theories of bonding Employability-40% Content : Antibiotics, Anaesthetics, Antipyretics, Introduction qualitative and quantitative analysis Activities: Comparative Study of qualitative and quantitative analysis

113	Chemistry for Biological Sciences-I	23C1GEN1	Skill Development-60% Content : Chemical bonding - VB and MO Theory Types of Organic Reactions and Carbohydrates Activities: Comparative Study of various theories of bonding Employability-40% Content : Antibiotics, Anaesthetics, Antipyretics, Introduction qualitative and quantitative analysis Activities: Comparative Study of qualitative and quantitative analysis
114	Chemistry Practical's for biological sciences	23C1GEZ2	Employability-100% Content: Permanganonometry, Acidimetry-Alkalimetry and Iodometry Activities: Estimation and detection of metal ions and functional groups.
115	Chemistry Practical's for biological sciences	23C1GEN2	Employability-100% Content: Permanganonometry, Acidimetry-Alkalimetry and Iodometry Activities: Estimation and detection of metal ions and functional groups.

116	Food Chemistry (NME)	23C1SE1	<p>Employability-60% Content: Food additives -artificial sweeteners, food poison Activities: To know and analyse the additives in foods</p> <p>Entrepreneurship-40% Content: Sources of food, types, advantages and disadvantages. Food adulteration, edible oils Activities: analysing the different adulterants in foods</p>
117	Foundation Course in Chemistry	23C1FC	<p>Skill Development-60% Content: fundamentals of chemistry, biochemistry and classical structure of atom Activities: study of fundamentals of chemistry and biochemistry</p> <p>Employability-40% Content : Role and importance of analytical chemistry Activities: study of types of analytical methods- Principle of gravimetric analysis</p>
118	General Chemistry-II	23C2CC3	<p>Skill Development-100% Content: acids , bases, hydrocarbon chemistry, chemistry s, p-block elements Activities: applications of acids and bases, compounds of main block elements and hydrocarbons</p>

119	Qualitative Organic Analysis and preparation	23C2CC4	Employability-100% Content: Organic qualitative analysis Carbohydrate, Aldehyde, Ketone, Phenol, Amide, Carboxylic Acid , Amine Activities: qualitative analysis of various organic compounds
120	Chemistry for Biological Sciences-II	23C2GEZ3	Skill Development-60% Content: Carbohydrates, amino acids and photochemistry Activities: Comparative Study of various monosaccharides, disaccharides etc. Employability-40% Content: buffer solutions and its biological applications - electroplating - Nickel and chrome plating – Types of cells - fuel cells-corrosion Activities: Comparative Study of buffer solutions, different types of cells

121	Chemistry for Biological Sciences-II	23C2GEN3	Skill Development-60% Content: Carbohydrates, amino acids and photochemistry Activities: Comparative Study of various monosaccharides, disaccharides etc. Employability-40% Content: buffer solutions and its biological applications electroplating - Nickel and chrome plating – Types of cells -fuel cells-corrosion Activities: Comparative Study of buffer solutions, different types of cells
122	Chemistry Practical for Biological Sciences	23C2GEZ4	Employability-100% Content: Organic qualitative analysis Carbohydrate, Aldehyde, Ketone, Phenol, Amide, Carboxylic Acid, Amine Activities: qualitative analysis of various organic compounds
123	Chemistry Practical for Biological Sciences	23C2GEN4	Employability-100% Content: Organic qualitative analysis Carbohydrate, Aldehyde, Ketone, Phenol, Amide, Carboxylic Acid, Amine Activities: qualitative analysis of various organic compounds

124	Dairy Chemistry (NME)	23C2SE2	<p>Employability-60% Content: Chemistry of carbohydrates, Milk Fat, Minerals and vitamins Activities: To know and analyse the trace elements in milk- salt composition on milk – significance and factors affecting salt balance Entrepreneurship-40% Content: Milk and milk powder processing Activities: analysing different methods of processing of milk- pasteurization – VHT milk- HTST milk</p>
125	Cosmetics and Personal care Products (Discipline Specific)	23C2SE3	<p>Employability-40% Content: Gels – formulation , types of champoos, paste etc Activities: formulations of various types of cosmetics and their significance, hair, skin and dental care Entrepreneurship-60% Content: Cosmetics, make up items, perfumes, etc Activities: Hands-on-experience in the makeup preparations and personal grooming</p>

126	HERBAL COSMETICS	23UG6SLZC	<p>Employability : 20%</p> <p>Content: Principles of separation and application of Column, Paper, Thin layer and Gas chromatography, HPLC, HPTLC</p> <p>Activities: To separate components in various herbs.</p> <p>Entrepreneurship-20%</p> <p>Content: Herbal Cosmetics preparations</p> <p>Activities: To know the preparation of herbal cosmetic products and their applications.</p> <p>Skill Development - 60%</p> <p>Content: - physical and chemical properties - Lipids: Phenols: Flavonoids: Glycosides: Alkaloids: Volatile Oils</p> <p>Activities: To know the preparation and the extraction of components of Herbs.</p>
	9.UAZO		
127	Invertebrata	23Z1CC1	<p>Contents:</p> <p>Skill Development : General Characters and classification up to classes.</p> <p>Activities: Assignments, Quiz, Animal Album & Model Making & Field Visit</p>

128	Invertebrata Lab Course	23Z1CC2	Contents: Skill Development : Mounting: Earthworm: Body setae; Pineal setae. Activities: Practicals-Demonstration, Hands-on Experience & Record Writing
129	Non-Major Elective – Ornamental fish farming and management (Offered to other major Students)	23Z1SE1	Contents: Skill Development : Aquarium design and construction Employability & Entrepreneurship: Breeding, hatchery and nursery management Activities: Assignments, Quiz & Field Visit
130	Fundamentals of Biology	23Z1FC	Contents: Skill Development : Chemical Composition of Living Organism & Life Process. Activities: Quiz & Assignments
131	Chordata	23Z2CC3	Contents: Skill Development : General Characters and Classification of Phylum Chordata Activities: Assignments & Quiz, Group Discussion
132	Chordata Lab Course	23Z2CC4	Contents: Skill Development : Mounting: Fish: Placoid and Ctenoid scale Activities: Practicals-Demonstration, Hands-on Experience & Record Writing

133	Non-Major Elective – Biocomposting for Entrepreneurship (Offered to other major Students)	23Z2SE2	Contents: Skill Development : Preparation of Biocompost pit Employability & Entrepreneurship : Biocomposting technology – Field pits/ground heaps/ tank/large-scale/batch and continuous methods Activities: Assignments & Quiz, Group Discussion
134	Aquarium Keeping	23Z2SE3	Contents: Skill Development : Aquarium preparation and maintenance Employability & Entrepreneurship : Live fish transport- handling, feeding and forwarding techniques of fish Activities: Assignments & Quiz, Group Discussion
135	Herbal Cosmetics	23UG6ZSL	Contents: Skill Development : Cosmeceutical Herbs Employability & Entrepreneurship: Herbal Cosmetics preparations: Herbal body bath & Massage oils, Butter soap bars, Body powder, Bath salts, Herbal Tooth powder, Lipbalm, Herbal shampoo & Hair oils Activities: Assignments, Quiz & Field Visit
	10.UAHS		
136	Human Development	23N1CC1	Employability : Content: Counselling children with special needs Activities: Speech Therapy, Model Making, Chart Preparation

137	Human Development Practicals	23N1CC2	Employability : Content: Counselling children with special needs Activities: Speech Therapy, Model Making, Chart Preparation
138	Food, Nutrition And Health	23N1GE1	Skill Development : Content: Acquisition of knowledge on basic methods of cooking and nutrients. Activities: Group Discussions, Assignments, Flowcharts
139	Food Science and Nutrition practical	23N1GE2	Skill Development : Content: Acquisition of knowledge on basic methods of cooking and nutrients. Activities: Group Discussions, Assignments, Flowcharts
140	Women's Health & Wellness	23N1SE1/23N	Skill Development : Content: Acquisition of knowledge on health and nutrients. Activities: Group Discussions, Assignments, Flowcharts
141	Fundamentals of Home science	23N1FC	Skill Development : Content: Acquisition of knowledge on branches of Home Science and its job opportunities. Activities: Group Discussions, Assignments, Flowcharts

142	Food Science And Nutrition	23N2CC3	Skill Development : Contents: Research Institutes, Planning diet Activities: Hands-on-experience in meal planning, Preparation of Menus, Chart Preparation-Nutritive value of food.
143	Basic Cookery Practicals	23N2CC4	Skill Development : Contents: Preparation of Innovative Recipies Activities: Hands-on-experience in meal planning, Preparation of Menus, Record Writing
144	Nutrition for Health and Physical Fitness	23N2GE3	Skill Development : Content: Acquisition of knowledge on basic methods of cooking and nutrients. Activities: Group Discussions, Assignments, Flowcharts
145	Nutrition and Wellness practical	23N2GE4	Skill Development : Content: Acquisition of knowledge on basic methods of cooking and nutrients. Activities: Group Discussions, Assignments, Flowcharts
146	Garment Embellishment Techniques	23N2SE3	Skill Development : Contents: Embroidery & Fabric Painting Activities: Hands-on-experience, Practicals - Embroidery & Fabric painting, Quiz.
	11.UACS		

147	Python Programming	23B1CC1	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Simple programs using Lists, Tuples, and Directories.</p> <p>Employability : Various string operations, Files, Sequence & lists, Classes and object.</p> <p>Entrepreneurship : Inheritance, Exception handling.</p> <p>Activity: Interactive tests to improve class performance, Brain Storming with the help of quiz tests, Assignment , Demonstration, Quiz, programming skills , Seminars and Discussions, Applications to real life situation, Experiential Learning</p>
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148	Practical I : Python Programming	23B1CC2	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Simple programs using Lists, Tuples, and Directories.</p> <p>Employability : Various string operations, Files, Sequence & lists, Classes and object.</p> <p>Entrepreneurship : Inheritance, Exception handling</p> <p>Activity: Assignment , Demonstration, Practicals, Record Writing, Quiz, Seminars and Discussions, Experiential Learning through applications to real-time problems</p>
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149	Programming in C	23B1GE1	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Employability : (Introduction to C Programming, Data Input and Output, Functions and Storage Classes),</p> <p>Entrepreneurship : (Arrays and Strings)</p> <p>Skill Development :(Structures and Files)</p> <p>Activity: Brain storming sessions facilitated by Quiz tests, Use of top down approach to develop programming skill, two new problems were given each day and the students were motivated and guided to solve the problems through coding.</p>
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150	Web Development	23B1GE2	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Simple programs using controls, Employability : Using advanced forms and dialogs, DAO control, RDO control, ADO control, OLE control, MDI Forms</p> <p>Entrepreneurship : Menu Editor, MS Chart Control</p> <p>Activity: Assignment , Demonstration, Practicals, Record Writing, Quiz, Seminars and Discussions, Experiential Learning through applications to real-time problems</p>
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151	Web Designing using HTML	23B1SE1 /23 B2SE2	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Employability : Introduction to HTML Programming - Tags,</p> <p>Entrepreneurship : Web page Designing</p> <p>Skill Development : (CSS)</p> <p>Activity: Use of top down approach to develop programming skill, two new problems were given each day and the students were motivated and guided to solve the problems through coding.</p>
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152	Problem Solving Techniques	23B1FC	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Master the process of identifying, analyzing, and solving problems using logical and structured approaches. Learn techniques like flowcharting, pseudocode, and algorithm design.</p> <p>Employability : Enhance critical thinking and decision-making skills through solving case studies and applying innovative solutions to industry-relevant problems.</p> <p>Entrepreneurship : Develop strategic solutions for startup challenges, focusing on innovation and resource optimization.</p> <p>Activity: Assignment, Discussions, Creative Exercises to Develop the innovative solutions to open-ended problems.</p>
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153	Data Structures and Algorithms	23B2CC3	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Employability : (Understanding of trees, graphs, sorting, searching algorithms, and dynamic programming).</p> <p>Entrepreneurship : (Problem-solving approaches to optimize algorithms for real-world applications.).</p> <p>Skill Development : (Basic implementation of data structures like arrays, linked lists, stacks, and queues.)</p> <p>Activity:</p> <p>Assignment, Demonstration, Quiz, Seminars and Discussions, Experiential Learning through solving real-time problems.</p>
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154	Practical II: Data Structures using C++	23B2CC4	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Developing C++ programs using object-oriented features like classes, inheritance, and polymorphism.</p> <p>Employability : Implementing data structures like trees, heaps using C++.</p> <p>Entrepreneurship : Creating modular for commercial software projects.</p> <p>Activity: Assignment , Demonstration, Practicals, Record Writing, Quiz, Seminars and Discussions, Apply problem-solving frameworks to design efficient strategies for workplace scenarios, such as optimizing workflows or resolving technical glitches</p>
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155	Object Oriented Programming in C++	Elective (Discipline Specific) 23B 2EC1	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Programming with advanced object-oriented concepts such as operator overloading, templates, and exception handling.</p> <p>Employability : Building large-scale applications using modular and reusable code in C++.</p> <p>Entrepreneurship : Developing software solutions for startup ideas and business projects using OOP techniques.</p> <p>Activity: Assignment , Demonstration, Practicals, Record Writing, Quiz, Seminars and Discussions, Transform complex challenges into practical solutions by conceptualizing, designing, and implementing real-world prototypes using structured problem-solving techniques.</p>
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156	Computer System Architecture	23B2EC2	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Understanding digital circuits, Boolean algebra, and memory architecture.</p> <p>Employability : Designing efficient hardware systems and understanding system-level programming.</p> <p>Entrepreneurship : Innovating new system designs for high-performance computing applications.</p> <p>Activity: Assignment, Demonstration, Quiz, Seminars and Discussions, Group work to design and analyze algorithms collaboratively.</p>
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157	Web Designing using HTML	Skill Enhancement Course (NME) 23B2SE2	<p>100% - (60% - Employability, 20% - Entrepreneurship, 20% - Skill Development)</p> <p>Content:</p> <p>Skill Development : Creating static web pages using basic HTML tags and attributes.</p> <p>Employability : building foundational web designs for small-scale projects or businesses.</p> <p>Entrepreneurship : Designing simple websites for startups and small enterprises.</p> <p>Activity: Assignment, Demonstration, Practicals, Quiz, Seminars and Discussions, Experiential Learning by creating web pages for real-world scenarios.</p>
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158	Web Designing Using HTML & CSS	Skill Enhancement Course 23B2SE3	100% - (60% - Employability , 20% - Entrepreneurship , 20% - Skill Development) Content: Skill Development : Styling web pages with CSS, including typography, layouts, and color schemes. Employability : Developing responsive and user-friendly websites. Entrepreneurship : Designing professional-grade websites for businesses and commercial use. Activity: Assignment, Demonstration, Practicals, Record Writing, Quiz, Seminars and Discussions, Creating responsive e-commerce prototypes with styled product pages and user-friendly navigation.
	12.UACO		
159	Financial Accounting I	23A1CC1	Employability : Contents: Trading Account, Profit & Loss a/c, Balance Sheet of Trading Concern with adjustment, Bill of Exchange Activities: Demonstrations, Practical works, Exercises on Accounting Areas

160	Principles of Management	23A1CC2	Employability : Contents: Planning -Organisation -Staffing Activities: Management Games, Role Play, Mock Interview
161	Financial Accounting II	23A2CC3	Employability : Contents: Hire purchase and Instalment Activities: Lecture method, Demonstration, Practical works, Exercises on Accounting Areas
162	Business Law	23A2CC4	Skill Development : Contents: Elements of Contract- Sale of Goods Act Activities: Case Studies-Group Discussion
163	Fundamentals of Management	23A1GEE1	Employability : Contents: Planning -Organisational Levels Activities: Management Games, Role Play, Mock Interview
164	Introduction to E - Commerce	23A2GEE2	Skill Development : Contents: Online Business Transaction Activities: Placing orders on online stores
165	Financial Services	23A6ME6	Employability : Content: Credit Rating Activities: Group Discussion Skill Development : Content: Mutual Funds Activities: Project
166	Fundamentals of Financial Accounting	23A1SE1	Employability : Contents: Final Accounts of Sole Trading Concern Activities: Demonstrations, Practical works, Exercises on Accounting Areas

167	Introduction to Commerce	23A1FC	Employability : Contents: Marketing and Advertising Activities: Learning the arts of selling through Millet Stall inside the campus, Visiting to Local Market Visit to Advertising Agency, Analysis of Advertisements in Magazines, Newspapers and other Periodicals etc.
168	Fundamentals of Financial Accounting	23A2SE2	Employability : Contents: Final Accounts of Sole Trading Concern Activities: Demonstrations, Practical works, Exercises on Accounting Areas
169	Self Management Skills	23A2SE3	Skill Development : Contents: Self Awareness - SWOC Analysis -Motivation Activities: Ice-Breakers. Quiz on Personality Traits, Video Presentations

170	Practical Banking	23A3CC7	Employability : Contents: Banker and customer -statutory protection - NEFT -RTGS- E Banking -Mobile Banking Activities: Monopoly game, Hands-on-training through internship Skill Development : Contents: Forms used in the operation of bank accounts, opening and closing of accounts-different types of accounts -forms used in operation of bank accounts -cheque book , pass book , mistakes in pass book -special types of customers Activities: Training on Filling various forms used in Banks, Visiting to Banks
	13.PAEC		
171	ADVANCED MICRO ECONOMICS	23PG1E1	Employability : Contents: Revealed Preference Theorem- and derivation of Marginal Utility schedule for money income. Activities: Worksheets, Assignments, Problem Solving Exercises
172	INDIAN ECONOMIC DEVELOPMENT AND POLICY	23PG1E2	Employability : Contents: Agricultural and Industrial Sectors - Agricultural Sector Performance of agricultural sector Activities: PowerPoint Presentation, Assignments

173	STATISTICS FOR ECONOMISTS	23PG1E3	Entrepreneurship : Contents: Probability - Addition and Multiplication Theorems - Conditional Probability - Discrete and Continuous Activities: PowerPoint Presentation, Assignments
174	MODERN ECONOMIC THOUGHT	23PG1EE1	Employability, Skill Development : Contents: The Quantity theory of Money- Theory of Interest. Joseph Alois Schumpeter Activities: Practical Implementation of Concepts,Assignments
175	RURAL ECONOMICS	23PG1EE2	Skill Development : Contents: Family Welfare Measures in Rural India - Occupational Structure Activities: Practical Implementation of Concepts,Assignments
176	REGIONAL ECONOMICS	23PG1EE3	Entrepreneurship : Contents: Approaches to regional growth Activities: Assignments, Computing the Cost and Output Relationship for a Product
177	WELFARE ECONOMICS	23PG1EE4	Skill Development : Contents: Social Welfare Function: –Bentham’s Utilitarianism- Pigouvian Welfare Economics. Activities: Practical Implementation of Concepts

178	FINANCIAL ECONOMICS	23PG1EAE	Skill Development : Contents: Money Market - Call Money Market Activities: Problem Solving on Accounting Tools, Monopoly Game, Case Study Analysis.
179	MONETARY ECONOMICS	23PG2E4	Employability : Contents: Effects of financial intermediation- Non-banking financial institutions – Gurley and Shaw theory. Activities: Worksheets, Assignments, Problem Solving Exercises
180	LABOUR ECONOMICS	23PG2E5	Skill Development : Contents: Choice of technologies and labour policies Supply of Labour Activities: Analysis of case laws and Assignment, Discussion on Newspaper Clippings
181	MATHEMATICAL ECONOMICS	23PG2E6	Skill Development : Contents: Partial and total, economic applications, implicit function theorem, higher order derivatives and Young's theorem Activities: Discussion, Case Study
182	GENDER ECONOMICS	23PG2EE5	Skill Development : Contents: Women in primary, secondary and tertiary sectors Activities: Discussion, Case Study

183	URBAN ECONOMICS	23PG2EE6	Skill Development : Contents: Christaller's Central Place Theory - The Human Ecological Approach to Urban Growth - Urban Size: Ratchet-Rank Size Rule Activities: Discussion, Case Study
184	RESOURCE ECONOMICS	23PG2EE7	Employability : Contents: Water Resources in India -Surface Water -Ground Water -Water Demand and Utilisation- Water Resource Planning- Activities: Worksheets, Assignments, Problem Solving Exercises
185	ECONOMICS OF CLIMATE CHANGE	23PG2EE8	Skill Development : Contents: Costs and benefits of greenhouse gas mitigation Activities: Assignment on filling the cheque and cash Deposits.
186	WOMEN AND ENTREPRENEURSHIP	23PG2ESE2	Skill Development : Contents: Floriculture, Kitchen garden, Mushroom Cultivation, Vermi-Culture, Api-Culture, Poultry Farming Activities: Role play as Auditors, Assignments

187	ECONOMICS OF SUSTAINABLE DEVELOPMENT	23PG4EE3	Employability : Contents: Basic concepts-Capital stock and sustainability- Types of capital - Substitutability between types of capital- Weak sustainability-Strong sustainability. Activities: Worksheets, Assignments, Problem Solving Exercises
188	INDUSTRIAL ECONOMICS	23PG4EE4	Skill Development : Contents: Cost-benefit analysis - Net Present Value (NPV) (Self Study) and internal rate of return (IRR) criteria Activities: Role play as Auditors,Assignments
	14.PATA		
189	IKKALA ILAKKIYAM	23PG1T1	Employability : Contents: Annavin Sorpolivugal Activities: Poetry & Drama Writing, Group Discussion, Debate
190	ARA ILAKKIYAM	23PG1T2	Employability : Content: Thirukkural Activity: Brainstroming, Group Discussions, Seminar, Role Play
191	THOLKAPPIYAM PORULATHIKARAM - I	23PG1T3	Employability : Contents: Poruliyal Activity: Writing, Group Discussions, Assignment, Quiz
192	BAKTHI ILAKKIYAM	23PG2T4	Employability : Contents: Sundarar, Manikkavasagar Activities: Seminar, Assignment, Roleplay, Skit, Group Discussion

193	KAPPIYAM	23PG2T5	Employability : Contents: Silappathikaram Activities: Role Play Seminar, Essay Writing
194	THOLKAPPIYAM PORULATHIKARAM - II	23PG2T6	Employability : Contents: Meipattiyal Activity: Writing, Group Discussions, Assignment, Quiz
195	NAATTAR VAZHAKKATRIYAL	23PG1TE1	Skill Development : Contents: Nigalthu Kalaigal Activity: Writing, Group Discussions, Assignment, Quiz
196	ILAKKIYAMUM THONMAMUM	23PG1TE2	Skill Development : Contents: Nambikkaigal Activity: Writing, Group Discussions, Assignment, Quiz
197	AYALAGA THAMIZH ILAKKIYAM	23PG1TE3	Skill Development : Contents: Pulampeyarvum Ilakkiyangalum Activity: Writing, Group Discussions, Assignment, Quiz
198	ULAGA ILAKKIYAM	23PG1TE4	Skill Development : Contents: Samakaala Ulagakkavithai Activity: Writing, Group Discussions, Assignment, Quiz
199	THAGAVAL THODARPIYAL	23PG1TSE	Employability : Contents: Vilambarangal Activities: Seminar, Assignment, Group Discussion
200	THOLLIYAL	23PG2TE5	Employability : Contents: Agalvaivu Vallunargal, Paniyalargal Activities: Seminar, Assignment, Display, Group Discussion

201	PATHIPPIYAL	23PG2TE6	Skill Development : Contents: Minnoolagam Payanpaadu Activity: Writing, Group Discussions, Assignment, Quiz
202	URAIYASIRIYARKAL	23PG2TE7	Skill Development : Contents: Ilakkiya Uraigal Activity: Writing, Group Discussions, Assignment, Quiz
203	THAMIZH ARANGIYAL	23PG2TE8	Skill Development : Contents: Tamizh Nadaga Pirathigal Pathivu Activity: Writing, Group Discussions, Assignment, Quiz
204	PANITHERVU THAMIZH	23PG2TSE	Employability : Contents: Ilakkiyam Activities: Seminar, Assignment, Group Discussion
	15.PAPH		
205	Mathematical Physics	23PG1P1	Employability : Contents: 100% Activities: Video Modules on Eigen values and Eigen functions, Complex variables. Skill Development : Contents: 100% Activities: Problem solving exercise on Matrices, Diffrencial Equations and Fourier Transforms.

206	Classical Mechanics and Relativity	23PG1P2	Employability : Contents: 100% Activities: Video Modules on mechanics of a system of particles , simple pendulum and Phase space . Skill Development : Contents: 100% Activities: Assignment on Relativity and Lorentz transformation equations.
207	Practical I	23PG1P3	Employability : Contents: 100% Activities: Hands on Trainng on Nonelectronics based experiments like youngs modulus, lasers and spectrometers. Skill Development : Contents: 100% Activities: Laboratory practice on electronics experiments like flip flops and counters.

208	Linear and Digital ICs and Applications/ Medical Physics	23PG1PE1/ 23PG1PE2	Employability : Contents: 100% Activities: Video Modules on Operational amplifier, Linear and nonlinear Applications, X Rays and Trasducers. Skill Development : Contents: 100% Activities: Problem solving excercie on how Converters and Voltage Regulators.Quiz on radiation and medical Imaging.
209	Advanced Optics/Communication Electronics	23PG1PE3/ 23PG1PE4	Employability : Contents: 100% Activities: Video Modules on polarization, lasers, Antennas and Microvaves Skill Development : Contents: 100% Activities: Discussions on fiber otics, problem solving on non linear optics, Quiz on Satellite communications.
210	Digital Photography	23PG1PAE	Employability : Contents: 100% Activities: Assignment on Appliatins of Photography, lens and various compositions. Skill Development : Contents: 100% Activities: Hands on Training on focusing aspects of cameras.

211	Statistical Mechanics	23PG2P4	Employability : Contents: 100% Activities: Video Modules on Thermodynamic potentials, Thermodynamic laws and Foundations of statistical mechanics. Skill Development : Contents: 100% Activities: Discussion on canonical ensembles and Real gas.
212	Quantum Mechanics –I	23PG2P5	Employability : Contents: 100% Activities: Video Modules on wave function, Schrodinger equations and General Uncertainty relation. Skill Development : Contents: 100% Activities: Problem solving energy eigen values and dirac notations.
213	Practical – II	23PG2P6	Employability : Contents: 100% Activities: Hands on Training on Nonelectronics based experiments like youngs modulus, lasers and spectrometers. Skill Development : Contents: 100% Activities: Laboratory practice on electronics experiments like Registers, Schmitt triggers and Code conversions.

214	Advanced Mathematical Physics/Non-linear Dynamics	23PG2PE5/ 23PG2PE6	Employability : Contents: 100% Activities: Video Modules on Group theory ,group representations and diffrencial equations. Skill Development : Contents: 100% Activities: Problem solving on Tensor analysis and special functions. Assignments on applications of solitons.
215	Microprocessor 8086 and Microcontroller 8051/ Biophysics	23PG2PE7/ 23PG2PE8	Employability : Contents: 100% Activities: Video Modules on architectures of microprocessor, registers and Cellular and molecular bio physics concepts. Skill Development : Contents: 100% Activities: Programme writing on microprocessor, microcontrollers. Assignments on radiations and membrains.
216	Modern Photography	23PG2PAE	Employability : Contents: 100% Activities: Video Modules on photography, compositions and types of cameras. Skill Development : Contents: 100% Activities: Hands on training on handeling cameras and adobe photoshop tools.
16.PACO			

217	Business Finance	23PG1A1	Employability: Contents: Time value of money ,Risk Management ,Startup Financing ,Leasing Capital Budgeting Activities: Problem Solving Approach - Report Preparation from Published Sources - Brain Storming Sessions
218	Digital Marketing	23PG1A2	Employability: Contents: Digital Marketing Channels , Online Marketing Mix, Digital Media Channels, Online Consumer Behaviour , Owned Social Metrics Activities: Blog Creation - Mail Merge - Demo on on- line shopping
219	Banking and Insurance	23PG1A3	Employability: Contents: Fintech Overview,Blockchain,AI in Banking , Indian Insurance Market, Ethical Behaviour in Insurance Activities: Visit to Banks - Library Reference
220	Strategic Cost Management	23PG2A4	Skill Development: Contents: Value Chain Analysis, Cost Management Techniques, Activity Based Cost Management, Transfer Pricing, Cost Management in Agriculture Activities: Role Play - Team Building

221	Corporate Accounting	23PG2A5	Employability: Contents: Book Building, Insurance Company Accounts, Consolidated Financial Statements as per AS 21- Social Responsibility Accounting Activities: Problem Solving Approach, Library reference, Solving Typical Problems from published financial statements
222	Setting Up of Business Entities	23PG2A6	Employability: Contents: Types of Business Organisations, Formation and Registration of NGOs, Limited Liability Partnership Activities: Lecture Method & Library Reference, Visit to nearby NGOs
223	Organisational Behaviour	23PG1AAE	Skill Development: Contents: Attitudes and Values, Theories of Motivation, Leadership, Communication Activities: Role Play - Brain Storming
224	Security Analysis and Portfolio Management	23PG1AE1	Employability: Contents: Investment Avenues, Valuation of Securities, Fundamental Analysis, Technical Analysis , Market Hypothesis, Portfolio Performance Evaluation Activities: Investment Games -

225	Operations Research	23PG1AE2	Employability: Contents: Linear Programming Problem, Transportation Problem, Sequencing Problem, Replacement Problem, Decision Tree Analysis Activities: Problem Solving Approach, Library Reference, Classic Coin-Toss Probability Game
226	Labour Laws	23PG1AE3	Employability: Contents: Labour Legislations, The Factories Act 1948, The Employees' State Insurance Act 1948, The Payment of Wages Act 1936 Activities: Role Play - Brain Storming
227	Strategic Human Resource Management	23PG1AE4	Skill Development: Contents: Role of HR Professionals, High Performance Working Model, Strategic Human Resource Development Activities: Role Play - Team Building
228	Advanced Excel	23PG2ASE1	Employability: Contents: creating workbook , Naming, Group of Data , Sorting Data, Creating charts Activities: Hands-on-Training - Demonstration through LED
229	Business Ethics and Corporate Sustainability	23PG2AE5	Skill Development: Contents: Business Ethics, Ethical Decision Making, Moral Issues in Business Activities: Group Discussion - Brain Storming

230	Audit and Due Diligence	23PG2AE6	Employability: Contents: Types of Audit, Secretarial Audit, Due Diligence Activities: Visit to nearby audit firms - Updation through legislations
231	Rural and Agricultural Marketing	23PG2AE7	Entrepreneurship: Contents: Rural Marketing , Rural Buyer Behaviour, Rural Product Strategy, Co-operative Marketing Activities: Pilot Survey - Sales Activities- Team Building
232	Logistics and Supply Chain Management	23PG2AE8	Employability: Contents: Supply Chain Management , Global Perspectives, Logistics Information System, Warehousing Activities: Visit to nearby warehouses, Group Discussions
	17.USEN		
233	Basic Communicative English	23EL1WB	Employability & Skill Development: Content: Accepting and declining Invitation, On the Telephone, At the Library, Daily Activities & What did you do? Activities: Asking directions, Telephone Conversation, Asking Time, Completing the Story & Greeting and Parting

234	Intermediate Communicative English	23EL1WI	Employability & Skill Development: Content: Someone Tell Me Why, Respect the National Anthem, What did you do?, Asking Direction, Asking Time, Oh Mind! Relax Please!, Letters of Famous Personalities, Videos on Global Warming, Degrees of Comparison, Preposition, Differentiating phonemes & Story Writing. Activities: Word Games, Making Conversations, Greetings, Story Writing, Worksheets & Dumb Charades
235	Advanced Communicative English	23EL1WA	Employability & Skill Development: Content: On the Campus, At the Post Office, Moana, Informal Expressions, Expressing Abilities and Possibilities, Making Inferences, At the College & For Business and Pleasure. Activities: Dumb Charades, Pictionary, Writing Cock and Bull Stories, Writing Movie Review & Creating Imaginary Conversations.

236	Introduction to Literature	23W1CC1	Employability: Content: Introduction: Poetry, Different forms of poetry, Sonnet, Ode, Elegy, Lyric Ballad, Prose-Short Story, Novella, Novel, Drama-Comedy, Tragedy, Tragi-Comedy, “When I Consider How My Light is Spent”, “Ode to Nightingale” and Don Quixote. Activities: Model Making, Quiz, Assignment, Open Book Test and Flow Chart.
237	Indian Writing in English	23W1CC2	Employability: Content: "Sparrows", "Khabuliwala", The Tiger and the Deer, "The Village Song", "Indian Women", Mukthadhara and Sleepwalkers. Activities : Quiz, Mockskit, Assignment, Poster Making and Open Book Test.
238	Literary Genres & Forms	23W1EC1	Employability: Content : 100% for NET/SET/ TET Activities : Quiz, Timeline Charts, Open Book Test & Assignment.
239	Literary Terms	23W1EC2	Employability: Content : 100% for NET/SET/ TET Activities : Quiz, Timeline Charts, Open Book Test & Assignment.

240	Functional English	23W1SE1	Employability & Skill Development: Contents: Making Introduction, Expressing Requests and Enquires, Telephone Etiquette, Group Discussion, Interviews, Situaational Conversation & Extempore Speech Activities : Telephone Etiquette, Assignment, Group Discussion and Mock Interviews
241	Basics of English Studies	23W1FC	Employability: Contents: 100% for NET/SET/TET. Activities: Mind Mapping, Analysing Literary Texts and Identifying Contrary Ideas
242	English for Effective Communication (Basic)	23EL2WB	Employability & Skill Development: Content: At the Post Office, Time and Calendar, Asking about Prices, Little Dora, The Spirit's Pilgrimage, Conflicting Reports, To Infinitive & Road Map. Activities: Making Complaints, Persuading a Friend, Asking About Prices, Word Games, Expanding News Headline & Word Associations

243	English for Empowerment (Intermediate)	23EL2WI	Employability & Skill Development: Content: At the Office, Congratulating and Wishing Well, Attending an Interview, Explore to be Enlightened, Unleashing Creativity, Plosive Sounds, Indirect and Direct Speech, & Gerunds. Activities: Role Playing, Conversation Competition, Vocab Shot, Responding to Invitation & Spell Bee
244	English for Creative Writing (Advanced)	23EL2WA	Employability & Skill Development: Content: Are you Smart?, Goat Days, Snakes and Ladders, Is it Hard to Improve?, How to Win? & Arguments. Activities: Debate, Story-telling, Riddles, Making Creative Excuses & Group Discussion.
245	British Literature - I	23W2CC3	Employability: Contents: "The Spectator Club", "Of Truth", "Of Adversity", "The Chimney Sweeper", "Endymion", Paradise Lost, "Ode: To Intimation & Immorality", Dr.Faustus, She Stoops to Conquer, Frankenstein, Gulliver's Travels and A Tale of Two Cities. Activities : Quiz, Mockskit, Assignment, Poster Making and Open Book Test.

246	American Literature - I	23W2CC4	Employability: Contents: “O Captain, My Captain!”, “The Raven”, “Crow Testament”, “The Philosophy of Composition”, “I have a Dream”, The Glass Menagerie, Uncle Tom’s Cabin and Ceremony. Activities: Model Making, Quiz, Assignment, Open Book Test and Flow Chart.
247	Phonetics & Transcription	23W2EC3	Employability & Entrepreneurship: Content : 100% for NET/SET/ TET Activities : Quiz, Timeline Charts, Open Book Test & Assignment.
248	Phonetics & Spoken English	23W2EC4	Employability & Entrepreneurship: Content : 100% for NET/SET/ TET Activities : Quiz, Timeline Charts, Open Book Test & Assignment.
249	Functional English	23W2SE2	Employability & Skill Development: Contents: Making Introduction, Expressing Requests and Enquires, Telephone Etiquette, Group Discussion, Interviews, Situaational Conversation & Extempore Speech Activities: Telephone Etiquette, Assignment, Group Discussion and Mock Interviews

250	English for Communication	23W2SE3	Employability & Skill Development: Content : Basic Communication Styles, Types of communication, Effective communication skills and Application of learning Activities : Debate, Extempore, Daily Conversations and Group Discussion.
	18.USJM		
251	Introduction to Mass Communication	23JM1CC1	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Written Assignments, Group Discussions
252	Fundamentals of Journalism	23JM1CC2	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Written Assignments, Group Discussions
253	History of Journalism	23JM1EC1	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Written Assignments, Group Discussions
254	Socio Political Issues in India	23JM1EC2	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Written Assignments, Group Discussions
255	Presentation Skills	23JM1FC	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Powerpoint Presentations, Interview Etiquettes

256	Basic Writing Skills	23JM1SE1	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Media Writing activities, Written Assignments
257	News Reporting	23JM2CC3	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Practical Sessions on Designing Lay out of Newspaper
258	News Editing	23JM2CC4	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Proof Reading Assignments, Photo and Caption Editing, Record Writing
259	Basic Computer Application for Media	23JM2EC3	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Assignments, Practical Exercises for hands on experience in MS Office
260	Mass Media and Society	23JM2EC4	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Group Discussion, Assignments
261	Human Rights Reporting	23JM2SE2	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Group Discussion, Assignments

262	Journalistic Skills	23JM2SE3	Employability, Entrepreneurship & Skill Development Contents: The Entire Course Activities: Writing, News reading activities
	19.USBA		
263	Principles of Management	23U1CC1	Employability: CONTENT: Planning: Nature – Importance – Forms – Types – Steps in Planning – Objectives – Policies – Procedures and Methods – Natures and Types of Policies – Decision –making – Process of Decision – making – Types of Decision. Activities: Roleplays , Addignments ,Group Discussions and Manangement Games Etc.
264	Accounting for Managers I	23U1CC2	Employability: CONTENT- Preparation of Final Accounts – Adjustments – Closing stock, outstanding, prepaid and accrued, depreciation, bad and doubtful debts, provision and discount on debtors and creditors, interest on drawings and capital. Activities : Preparing Bance sheet practically for the companies as assignments.

265	Managerial Economics /Principles & Practice of Banking	23U1EC1/23 U1EC2	<p>Employability: CONTENT Production and cost analysis – Production – Factors of production – production function – Concept – Law of variable proportion – Law of return to scale and economics of scale Activities : Group discussion Assignment and Reading s and dissusions on the recent economical issues related to the topic</p> <p>Employability: CONTENT:Customer’s Accounts with the Banker - Fixed Deposit Accounts – Savings bank Accounts – Recurring Deposit Accounts – Current Accounts. Activities: Roleplays , Assignments ,Group Discussions and practical excersise Etc</p>
266	Basics of event Management	23U1SE1	<p>Entrepreneurship: CONTENT- Concept and Design of Events: Event Co-ordination, Developing &, Evaluating event concept – Event Design.Event Planning & Promotion – Marketing & Promotion – 5Ps of Event Marketing – Product, Price, Place, Promotion, Public Relations. Actiivties: Practical Assignmets of conducting and coordinating the Events</p>

267	Managerial Communication	23U1FC	Skill Development: CONTENT- Interviews- Direct, telephonic & Virtual interviews- Group discussion. Activities : Group discussions , Active and practical Role plays and Model Interviews
268	Marketing Management	23U2CC3	Entrepreneurship: CONTENT- A Brief Overview of Communication Mix- Types of Media & its Characteristics- Print - Electronic - Outdoor – Internet- A tool to customer loyalty. Sales Promotion tools- IMC (Integrated marketing communication) - Definition, Process, Need & Significance - CRM – Importance. Activities : Assignments Group discussions and SWOT Analysis of the practical markets
269	Accounting for Managers II	23U2CC4	Employability: CONTENT- Analysis and Interpretation of financial statements – Nature, objectives, essentials and tools, methods – Comparative Statements, Common Size statement and Trend analysis. Activities : Assignments on Practical Analysis of the financial statements of various companies

270

**International Business
/Business Ethics**

23U2EC3/23
U2EC4

Employability:

CONTENT- Drivers in Globalisation - Globalisation of Markets, production, investments and Technology. World trade in goods and services — Major trends and developments- World trade and protectionism — Tariff and non-tariff barriers.

Activities : Assignments on the topics related to content and Group discussions on the recent issues.

Employability:

CONTENT: Nature, scope and purpose of ethics – Relevance of values – Importance of ethics and Moral standards – Ethics and moral decision making.

Activities: Roleplays , Assignments ,Group Discussions and Management Games Etc.

271	Managerial Skill Development	23U2SE2	<p>Skill Development:</p> <p>CONTENT- Self: Core Competency, Understanding of Self, Components of Self— Self-identity, Self-concept, Self - confidence and Self-image. Skill Analysis and finding the right fit. Self-learning styles. Building Emotional Competence: Emotional Intelligence — Meaning, Components, Importance and Relevance, Positive and Negative Emotions., Healthy and Unhealthy expression of Emotions, The six-phase model of Creative Thinking: ICEDIP model.</p> <p>Activities: Assignments and Group Discussions, Role Plays and Management Games.</p>
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272	Business Etiquette and Corporate Grooming	23U2SE3	<p>Skill Development:</p> <p>CONTENT- Workplace Courtesy and Business Ethics: Workplace Courtesy- Practicing common courtesy and manners in a workplace-Etiquette at formal gatherings- Professional qualities expected from an employer's perspective - Hierarchy and Protocol. Ethical issues - preventing sexual harassment-conflict resolution strategies.Telephone Etiquette –email etiquette and Disability Etiquette -Mastering the telephone courtesy, handling rude or impatient clients -internet usage in the workplace, email etiquette, online chat etiquette guidelines -Basic disability Etiquette practices.</p> <p>Activities: Roleplays and Assignments</p>
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273	GST Registration and Filing	23UAD2CA	Entrepreneurship: Content: Practical Components of GST I 1. Creating a Company Tally Prime Enable GST 2. Updating stock item and stock group for GST compliance 3. Creating of GST Ledger 4. Purchase Voucher with GST – Intrastate Practical Components of GST – II 1. Sales Voucher with GST – Intrastate 2. Discount Entry for sales with GST 3. Discount Entry after invoice 4. Export Import and Print Activities : Practicals in Lab
	20.USMA		
274	Algebra and Trigonometry	23G1CC1	Employability : Contents: 100% Activities: Solving the problems in summation of series, trigonometric functions and determining the characteristic equation and eigen values.
275	Differential Calculus	23G1CC2	Employability : Contents: 100% Activities: Problem solving techniques on finding the higher derivatives, partial differentives, envelope and curvature

276	Quantitative Aptitude	23G1SE1	Employability : Contents: Problems and Ages, Profit and Loss, Partnership Skill Development : Contents: Time and work, Time and distance Activities: Project on partnership, which deals with ratio between the working partner and sleeping partner, Solving real life problems related to construction and transportation
277	Bridge Mathematics	23G1FC	Employability : Contents: Algebra, Sequences and Series, Calculus Skill Development : Contents: Permutations and Combinations, Trigonometry Activities: Solving problems in Binomial theorem and related problems. Finding the applications of Permutations and Combinations also solving problems in Differential Calculus.
278	Discrete Mathematics	23G1GEI1/ 23G1GEJ1	Employability : Contents: 100% Activities: Simplify logical expressions using truth tables and boolean algebra, use Venn diagrams and set operators to solve logical problems

279	Analytical Geometry(Two & Three Dimensions)	23G2CC3	Employability : Contents: Conjugates,Polar Coordinates Skill Development : Contents: Equation of a sphere, line and planes Activities: To solve real world problems on geometry and its applications and present the mathematical arguments and geometric relationships.
280	Integral Calculus	23G2CC4	Employability : Contents: 100% Activities: Problem solving technique for computation of integrals and listing the geometric and physical applications of integral calculus.
281	Mathematics for Competitive Examinations	23G2SE2	Employability : Contents: 100% Activities: Develop and exchange worksheets focusing on simplification tricks

282	Data Interpretation	23G2SE3	<p>Employability :</p> <p>Contents: Analogy, coding and decoding</p> <p>Skill Development :</p> <p>Contents: Direction sense & Logical Venn Diagrams, Inserting the missing character and mathematical operations</p> <p>Entrepreneurship:</p> <p>Contents: Data Interpretation</p> <p>Activities: Simulate a timed exam environment to practice solving questions within a deadline. Create and present a mock test based on past competitive exam papers.</p>
283	Operations Research	23G2GEI2/ 23G2GEJ2	<p>Skill Development :</p> <p>Contents: 100%</p> <p>Activities: Solve real world optimization problems, design and solve models for efficient allocation of resources using transportation and assignment methods</p>

284	Numerical Methods/Vector Calculus and Fourier Transforms	23G5ME1/ 23G5ME2	<p>Employability : Contents: Algebraic and Transcendental Equations, Simultaneous Linear Equations Skill Development : Contents: Numerical Differentiation and Integration, Numerical Solution of Differential Equation. Entrepreneurship : Contents: Finite differences & Interpolation Activities: Compare efficiency and accuracy of numerical techniques, use real world data for interpolation and extrapolation tasks Employability : Contents: Differentiation of Vectors Skill Development : Contents: Divergence and Curl, line and surface integrals Entrepreneurship : Contents: Fourier transforms- Finite transform, Properties of Fourier and finite transform Activities: Solving problems on differentiation, Integration and Fourier transforms, divergence and curl.</p>
	21.USST		

285	Descriptive Statistics	23ST1CC1	Skill Development Contents: Measures of Central Value and Dispersion Activities: Experimental Learning, Collecting Data from Real Life Situation and Chart Presentation
286	Probability Theory	23ST1CC2	Skill Development Contents: Random Variables , Distribution Functions Activities: Experimental Learning, to Acquire Strategies and Ways of Reasoning that help in Making Adequate Decisions
287	Distribution Theory	23ST2CC3	Skill Development Contents: Probability Generating Function and Limiting Distribution, Continuous Probability distribution Activities: Data collection ,Experimental Learning, Problem Solving Techniques in Real Life Situation
288	Matrix and Linear Algebra	23ST2CC4	Skill Development Contents: apply the concepts of vector space and matrix polynomials Activities: Data collection ,Experimental Learning, Problem Solving Techniques in Real Life Situation

289	Basics of Statistics	23ST1SE1/ 23ST2SE2	Skill Development Contents: Measures of Central Tendency and Measures of Dispersion Activities: Experimental Learning, Collecting Data from Real Life Situation
290	Bridge course in Statistics	23ST1FC	Skill Development Contents: Measures of Central Tendency and Measures of Dispersion Activities: Experimental Learning, Collecting Data from Real Life Situation
291	Statistics Practical-I	23ST2SE3	Employability Contents: Computation of Correlation Coefficient Activities: Cooperative Learning, Case Study, Problem Solving Approach in Real Life Situation
292	Real Analysis	23ST2EC2	Skill Development Contents: Series of Real Numbers Activities: Analytic Method and Proof Writing Techniques

293	Practical Statistics II	23ST5SB3	Employability Content: Computation of Correlation Coefficient Activities: Cooperative Learning, Case Study, Problem Solving Approach in Real Life Situation
294	Practical Statistics III	23ST6SB5	Employability Contents: Vital Statistics Activities: Cooperative Learning, Case Study, Problem Solving Approach in Real Life Situation
	22.USCA		
295	Python Programming	23J1CC1	Employability: Content: List operations and its implementation Activities: Assignment, Group Discussion
296	Python Programming Lab	23J1CC2	Employability: Content: Creation of Modules Activities: Creating modules and importing it into another module
297	Object Oriented Programming in C++	23J2CC3	Employability: Content: Creation of multiple classes and objects Activities: Group discussion about Objects and classes and implementation of inheritance
298	Lab in C++ Programming	23J2CC4	Employability: Content: Virtual Functions Activities: Assignment on virtual function creation and implementation

299	Animation Tools and Techniques	23J1SE1/ 23J2SE2	Employability: Content: Looping : Repetition, While loops, Lists Activities: Exercise to implement animation using loop Skill Development: Content: . Event handling, Methods Activities: Exercise to create event handling for an object
300	Animation Tools and Techniques	23J2SE2	Employability: Content: 3D and billboards Activities: Exercise to create 3D animation
301	Introduction to HTML	23J2SE3	Entrepreneurship: Content: Creating Hyperlinks Activities: Exercise to create website with hyperlink
302	Structured Programming in C	23J1FC	Skill Development: Content: C Functions Activities: Assignment, Quiz Entrepreneurship: Content: Pointers and Arrays Activities: Assignment and Group Discussion
23.USIT			
303	PROGRAMMING IN C	23I1CC1	Skill Development Content: Fundamental concepts of Computer, Operators and Expressions, Branching and Looping Statements, Structures, Unions and Pointers, Arrays and Functions in C Activities : Usage of various C statements, Problem Solving Skill, Exercise in Programming Skills

304	C PROGRAMMING PRACTICAL	23I1CC2	Employability Content: Programs using C Concept which includes basic input/output statements, decision making statements, structures, union and file concepts.. Activities: Writing programs using C statements, Problem Analysis, Correcting the errors.
305	FUNDAMENTALS OF COMPUTER	23I1FC	Skill Development Content: Basic computer details . Activities: Drawing flowchart and writing algorithms
306	Office Automation	23I1SE1	Entrepreneurship Content: Using Word, Excel and Power point Activities: Hands on experiments on creatig document and designing ppt
307	JAVA PROGRAMMING	23I2CC3	Skill Development Content: Classes, Objects and Methods, Arrays, Strings and Vectors, Inheritance, Polymorphism, Applets. Activities: Developing skills on OOPs Concepts, Designing interactive Web pages using Applets.
308	JAVA PROGRAMMING & DATA STRUCTURES PRACTICAL	23I2CC4	Employability Content: Program to implement OOPs concepts Activities: Develop coding to solve the problems using Class and object concept, Experiential learning to implement Inheritance,Polymorphism concepts.

309	AUTOMATION SKILLS	23I2SE3	Entrepreneurship Content: Using Word, Excel and Power point Activities: Hands on experiments on creatig document and designing ppt
310	Multimedia Lab	23I2SE2	Entrepreneurship Content: Programs using Photoshop Activities: Hands on experiments on Image Editing Techniques, Creating edited images.
311	Basics of HTML5	23I5SB3	Employability Content: VBA Basics, Loops, Arrays, Settings and functions Activities: Workig with VBA, Writing functions and procedures, Error handling
312	Web Programming using PHP	23I5SB4	Employability Content: PHP programs, PHP with CSS, PHP and SQL . Activities: Writing Programs for Dynamic Webpages, Developing Web applications.
313	Advanced HTML5	23I6SB5	Employability Content: PHP programs, PHP with CSS, PHP and SQL . Activities: Writing Programs for Dynamic Webpages, Developing Web applications.

314	Fundamentals of Android Programming	23I6SB6	Employability Content: Working Environment, creating various application. Activities: Hands on training on Android environment, development of mobile application
	24.USCC		
315	Financial Accounting-I	23KICC1	Employability : Contents: Final Accounts , Straight Line Method Activities: Worksheets, Assignments, Problem Solving Exercises
316	Principles of Management	23K1CC2	Employability : Contents: Decision Making: Meaning – Characteristics – Types - Steps in Decision Making – Forecasting. Activities: PowerPoint Presentation, Assignments
317	Financial Accounting-II	23K2CC3	Employability : Contents: Role of Accounting Standards - Development of Accounting Standards in India. Activities: PowerPoint Presentation, Assignment.
318	Business Law	23K2CC4	Skill Development : Contents: Contract of Indemnity and Contract of Guarantee Activities: Analysis of case laws and Assignment, Discussion on Newspaper Clippings

319	PROGRAMMING IN C AND LAB	23I1GEK1	Employability : Contents: Data Types, Loops & Control Structure, and Pointers, Structures, and Unions. Activities: Practical Implementation of Concepts, Assignments, Demonstration, Think-Pair-Share
320	PYTHON PROGRAMMING AND LAB	23I1GEK2	Employability : Contents: Variables, Data types, function, Turtle Graphics. Activities: Practical Implementation of Concepts, Assignments, Creating Games
321	OFFICE AUTOMATION AND LAB	23K2GE3	Employability : Contents: File Menu, formulas and charts. Activities: Practical Implementation of Concepts, Assignments, Demonstration, Document Creation, Account Entry
322	PROGRAMMING IN C++ AND LAB	23K2GE4	Employability : Contents: Classes – Objects – Data members and member functions Activities: Practical Implementation of Concepts, Assignments, Demonstration, Think-Pair-Share
323	Fundamentals of Costing	23K1SE1/ 23K2SE2	Skill Development : Contents: Preparation of Cost Sheet, Pricing of Material Issues, Operating Costing. Activities: Problem Solving, Assignments, Creating Inventory and Cost Sheets, Case Studies.

324	PRINCIPLES OF COMMERCE	23K1FC	Skill Development : Contents: Economic activities, Forms of Organisation, Modes of transport, Functions of Banks and Marketing. Activities: Assignment, creating a model of Transport.
325	PRACTICAL BANKING	23K2SE3	Employability : Contents: Personal Loan, Mobile Banking, Online Banking. Activities: Monopoly Game, Role Play, Assignments
	25.USCO		
326	Financial Accounting I	23AC1CC1	Employability Contents: Trading Account, Profit & Loss a/c, Balance Sheet of Trading Concern with adjustment, Bill of Exchange Activities: Demonstrations, Practical works, Exercises on Accounting Areas
327	Principles of Management	23AC1CC2	Employability: Contents: Planning -Organisation -Staffing Activities: Management Games, Role Play, Mock Interview
328	Financial Accounting II	23AC2CC3	Employability : Contents: Hire purchase and Instalment Activities: Lecture method, Demonstration, Practical works, Exercises on Accounting Areas
329	Business Law	23AC2CC4	Skill Development : Contents: Elements of Contract- Sale of Goods Act Activities: Case Studies-Group Discussion

330	Business Communication	23AC1EC1	Entrepreneurship : Contents: Collection Letters – Sales Letters – Circulars Activities: Letter drafting
331	Business Environment	23AC2EC2	Skill Development : Contents: Provisions of Indian Constitution Pertaining to Business - Plan Investment Activities: Check out the Economic condition
332	Fundamentals of Financial Accounting	23AC1SE1	Employability Contents: Final Accounts of Sole Trading Concern Activities: Demonstrations, Practical works, Exercises on Accounting Areas
333	Introduction to Commerce	23AC1FC	Employability : Contents: Marketing and Advertising Activities: Learning the arts of selling through Millet Stall inside the campus, Visiting to Local Market Visit to Advertising Agency, Analysis of Advertisements in Magazines, Newspapers and other Periodicals etc.
334	Fundamentals of Financial Accounting	23AC2SE2	Employability Contents: Final Accounts of Sole Trading Concern Activities: Demonstrations, Practical works, Exercises on Accounting Areas

335	Self Management Skills	23AC2SE3	Skill Development: Contents: Self Awareness - SWOC Analysis -Motivation Activities: Ice-Breakers. Quiz on Personality Traits, Video Presentations
336	Financial Services	23AC6ME6	Employability Content : Credit Rating Activities: Group Discussion Skill Development: Content : Mutual Funds Activities: Project

337	Practical Banking	23A3CC7	Employability : Contents: Banker and customer -statutory protection - NEFT - RTGS-E Banking -Mobile Banking Activities: Monopoly game, Hands-on-training through internship Skill Development: Contents: Forms used in the operation of bank accounts, opening and closing of accounts-different types of accounts - forms used in operation of bank accounts -cheque book , pass book , mistakes in pass book -special types of customers Activities: Training on Filling various forms used in Banks, Visiting to Banks
	26.USCS		
338	Financial Accounting I	23F1CC1	Employability : Contents: Final Accounts , Straight Line Method Activities: Worksheets, Assignments, Problem Solving Exercises

339	Corporate Correspondence	23F1CC2	Employability : Contents: Report Writing – Agenda, Minutes of Meeting –Office Order Activities: PowerPoint Presentation, Assignments
340	Corporate E-Management	23F1EC1	Skill Development: Contents: Elements of Multimedia- Text, Images, Sound/ Audio, Video, Graphics and Animations Activities: Practical Implementation of Concepts, Assignments
341	Business Economics	23F1EC2	Entrepreneurship Contents: Cost and Revenue concepts -opportunity Cost – Break even analysis, Land- Labour- Capital- Organisation Activities: Assignments, Computing the Cost and Output Relationship for a Product
342	Logistics Management	23F1SE1	Skill Development: Contents: Material Handling, Order Processing, Performance measurement Activities: Practical Implementation of Concepts
343	Fundamental concept of A	23F1FC	Skill Development: Contents: Skills for an entrepreneur, Qualities of an Entrepreneur Activities: Problem Solving on Accounting Tools, Monopoly Game, Case Study Analysis.

344	Financial Accounting II	23F2CC3	Employability : Contents: Role of Accounting Standards - Development of Accounting Standards in India. Activities: Worksheets, Assignments, Problem Solving Exercises
345	Business Law	23F2CC4	Skill Development: Contents: Contract of Indemnity and Contract of Guarantee Activities: Analysis of case laws and Assignment, Discussion on Newspaper Clippings
346	Business Environment	23F2EC3	Skill Development: Contents: Plan Investment, Per capita Income, Impact on business Decision Activities: Discussion, Case Study
347	Office Management & Security	23F2EC4	Skill Development: Contents: Role of Manager in office system and procedure, Safety from physical Hazards. Activities: Discussion, Case Study

348	Everyday banking	23F2SE2	Skill Development: Contents: Filling up of Cheque, Deposit challan, Hints for creating Password Activities: Assignment on filling the cheque and cash Deposits.
349	Fundamentals of Auditing	23F2SE3	Skill Development: Contents: Appointment and Qualification of Auditors, Principles of Audit Activities: Role play as Auditors, Assignments
	27.USCH		
350	Financial Accounting I	23V1CC1	Employability : Contents: Statements of profit or loss and other comprehensive income, cash flow statements, balance sheet Activities: Worksheets, Assignments, Problem Solving Exercises
351	Principles of Management	23V1CC2	Employability : Contents: Formal and Informal Organization – Organization Chart – Organization Structure: Meaning and Types Activities: PowerPoint Presentation, Assignments
352	Financial Accounting-II	23V2CC3	Employability : Contents: Role of Accounting Standards - Development of Accounting Standards in India. Activities: PowerPoint Presentation, Assignment.

353	Commercial Law	23V2CC4	Employability : Contents: Payment of Wages Act and Minimum Wages Act, – Objective, Scope – Applicability Activities: PowerPoint Presentation, Assignment.
354	Business Economics	23V1EC1	Entrepreneurship : Contents: Concept of Production - Production Functions: Linear and Non – Linear Homogeneous Production Functions - Law of Variable Proportion Activities: Assignments, Computing the Cost and Output Relationship for a Product
355	E-Commerce	23V1EC2	Skill Development : Contents: E services: Categories of E-services, Web-Enabled Services, Information-Selling on the Web-Case study Activities: Assignments, Online Transaction, Model Design.
356	Business Statistical Methods	23V2EC3	Employability : Contents: Absolute and Relative measures – Range - Quartile deviation – Mean deviation – Standard deviation – Variance. Activities: Worksheets, Assignments, Problem Solving Exercises

357	Business Environment	23V2EC4	Skill Development : Contents: Plan Investment, Per capita Income, Impact on business Decision Activities: Discussion, Case Study
358	Fundamentals of Insurance	23V1SE1	Employability : Contents: Classification of policies – Investment of funds – Surrender value – Bonus option – Policy condition – Annuity contracts. Activities: PowerPoint Presentation, Assignment.
359	Fundamentals of Commerce	23V1FC	Employability : Contents: Advertising media-Kinds of media -Types of Bank Accounts Activities: PowerPoint Presentation, Assignment.
360	Fundamentals of Accounting with Tally	23V2SE2	Skill Development : Contents: Display of Trial Balance, Profit and loss and Balance sheet Activities: Practical Implementation of Concepts, Assignments
361	Data Analysis using Software Package for Social Sciences	23V2SE3	Skill Development : Contents: Recoding (Transforming) Variables - Rank Cases - Sorting Data -transpose of data – insert variables Activities: Practical Implementation of Concepts, Assignments
	28.PSHI		

362	History of Ancient and Early Medieval India – Pre History to 1206 (CE)	23PG1H1	Employability: Content - 100 % for Competitive Exams Activity : Assignment, Quiz, Group Discussion, On the Spot Study
363	Socio-Cultural History of Tamil Nadu up to 1565 CE	23PG1H2	Employability: Content - Cultural contributions of Vijayanagar in Tamil Country Activity : Assignment, Quiz, Group Discussion, On the Spot Study
364	History of World Civilizations (Excluding India)	23PG1H3	Employability: Content : 100 % for Competitive Exams Activity : Brainstorming, Quiz, Group Discussion
365	History of Medieval India 1206 - 1707 CE	23PG2H4	Employability: Content - History of Medieval India Activity : Assignment, Quiz, Group Discussion, On the Spot Study
366	Socio-Cultural History of Tamil Nadu - 1565 - 2000 CE	23PG2H5	Employability: Content - 100 % for Competitive Exams Activity : Assignment, Quiz, Group Discussion, On the Spot Study
367	Historiography and Historical Methods	23PG2H6	Employability: Content - 100 % for Competitive Exams Skill Development: Content: Meaning, Nature, and Scope of History Activity : Assignment, Quiz, Group Discussion

368	Freedom Struggle in Tamil Nadu	23PG1HE1	Employability: Content: Contribution of freedom fighters in Tamil Nadu. Activity: Assignment, Quiz, Group Discussion
369	Indian Art and Architecture	23PG1HE2	Employability: Content : Contribution of Cheras, Cholas, Pandyas, Pallavas , Muslim and British towards art and architecture. Activity : Seminar, Quiz, Group Discussion
370	Administrative History of Tamil Nadu	23PG1HE3	Employability: Content : Administrative condition during various period. Activity : Seminar, Quiz, Group Discussion
371	Cultural Heritage of India	23PG1HE4	Employability: Content : India's beliefs, traditions, values, rituals, buildings, monuments, arts and artifacts. Activity : Assignment, Quiz, Group Discussion
372	Research and Report Writing (Ability Enhancement Course - EDC)	23PG1HAE	Employability: Content : Types of research, abstract, methodology, results and recommendations. Skill Development : Content - review of literature Internal and External criticism Activity : Assignment, Quiz, Group Discussion
373	History of Journalism	23PG2HE5	Employability: Content : Growth of technology and trade in media. Activity : Seminar, Quiz, Group Discussion

374	International Migrations and Diasporic Studies	23PG2HE6	Employability: Content : Growth of social,economic, cultural and political role of migration economy . Activity :Assignment,Quiz,Group Discussion
375	Indian Constitution	23PG2HE7	Employability: Content :Fundamental basic code, structure, procedures,powers and duties of Government and its organizations. Activity :Seminar,Quiz,Group Discussion
376	Environmental History of India	23PG2HE8	Employability: Content :Human interaction with nature. Activity :Seminar,Quiz,Group Discussion
377	Introduction to Epigraphy(Ability Enhancement Course - EDC)	23PG2HAE	Employability: Content : Scope , nature, artifacts , inscriptions are primary for understanding culture of ancient people. Activity : Seminar,Quiz,Group Discussion
29.PSSW			

378	Social Work Profession	23MSW101	<p>Employability:</p> <p>Content: Concepts Related to Social Work, Fields of Social Work</p> <p>Entrepreneurship :</p> <p>Contents: Models of Social Work Practice</p> <p>Skill Development:</p> <p>Contents: Goals and Functions of Social Work, Overview of the Historical Development of Social Work in the International Perspective</p> <p>Activity: Assignments, Group Discussions, Visits - Villages, Industries, Family Planning Association</p>
379	Social case work	23MSW102	<p>Employability:</p> <p>Content: Case Work Process, Social Case Work and Group Work Practice</p> <p>Entrepreneurship:</p> <p>Contents: Social Case Work, Social Group</p> <p>Skill Development:</p> <p>Contents: Case Work Process, Principles – Techniques, Process and Historical Demands.</p> <p>Activity: Group Assignments and Individual, Group Counselling, Case Work Preparation.</p>

380	Social Group Work	23MSW103	<p>Employability: Content: Case Work Process, Social Case Work and Group Work Practice</p> <p>Entrepreneurship: Contents: Social Case Work, Social Group</p> <p>Skill Development: Contents: Group Work Process, Principles – Techniques, Process and Historical Demands.</p> <p>Activity: Group Assignments and Individual, Group Counselling, Case Work Preparation.</p>
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381	Field Work – I	23MSW1E1	<p>Employability: Content:History of the Agency, Vision, Mission, Organization Chart, funding resources, different types of beneficiaries, its work in the field, networking agencies.</p> <p>Entrepreneurship: Contents: Legislations applicable to the Organization, functioning of free legal aid clinics, legal support services to clients.</p> <p>Skill Development: Contents:Skills required in the practice of Case work, Group Work, community organization and Social Research.Evaluation of the effectiveness of methods and critical review.</p> <p>Activity:Field work, report writing.</p>
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382	Participatory Rural Appraisal	23MSW1E2	<p>Employability: Content: – PRA pillars, principles, Historical Development of RRA Role and Qualities of PRA facilitator Participatory Learning and Action.</p> <p>Entrepreneurship: Contents: PRA Space Related Methods Space Related PR and development, heredity, environment and ecological influences</p> <p>Skill Development: Contents: Cause Effect Diagram, Well-Being Ranking Method, Venn Diagram, Impact Diagram, Livelihood Analysis SWOT and STEEP.</p> <p>Activity: Community Organisation Programmes in Villages, Hands-on-Experience in Panchayat Union Office.</p>
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383	Sociological and Psychological Foundations for Social Work	23MSW1E3	<p>Employability: Content: – Psychology for Social Work practice - Sensory Process and Perception: Process of Perception - Learning: Classical Conditioning and Operant Conditioning.</p> <p>Entrepreneurship: Contents: Developmental Psychology - Meaning and principles of growth and development, heredity, environment and ecological influences</p> <p>Skill Development: Contents: personal and social adjustments, vocational, family.</p> <p>Activity: Skit, Game, Chart work.</p>
384	Society and Human Behaviour	23MSW1E4	<p>Employability: Content: Learning, Principles</p> <p>Entrepreneurship: Contents: Psychology, Intelligence, Self- Perception, Adjustment</p> <p>Skill Development: Contents: Role of Heredity and Environment in Personality Development.</p> <p>Activity: Skit, Game, Chart work.</p>

385	Community Organization and Social Action	23MSW204	<p>Employability: Content: Community Organization, Social Action as a Method of Social Work Entrepreneurship: Contents: Models of Community Organization Skill Development: Contents: Community, Application of Community Organization in Rural and Urban Settings. Activity: Organising Programmes in Villages and Community</p>
386	Social Work Research and Statistics	23MSW205	<p>Employability: Content: Research Entrepreneurship: Contents: Identification and Formulation of Research Problem, Tools of Data Collection, Report Writing, Documentation Skill Development: Content: Sources of Data Activity: Report Writing, Documentation of Reports and Conducting Surveys</p>

387	Social Welfare Administration and Social Legislation	23MSW206	<p>Employability Contents: Administration: meaning, function of administration, social welfare Administration</p> <p>Entrepreneurship: Contents: Basic Administrative Process: POSDCORB – Planning, Organizing, Staffing, Directing, Coordinating, Reporting, Budgeting ,Fund Raising, Executive Responsibility, Communication, Supervision, Evaluation, Public Relations.</p> <p>Skill Development: Contents: Right to Information Act 2005,Family Court, Lok Adalat, Legal Aid and Public Interest Litigation.</p> <p>Activities: Visit to Industries, Team Building.</p>
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388	Field Work – II	23MSW2E5	<p>Employability: Content:History of the Agency, Vision, Mission, Organization Chart, funding resources, different types of beneficiaries, its work in the field, networking agencies.</p> <p>Entrepreneurship: Contents: Legislations applicable to the Organization, functioning of free legal aid clinics, legal support services to clients.</p> <p>Skill Development: Contents:Skills required in the practice of Case work, Group Work, community organization and Social Research.Evaluation of the effectiveness of methods and critical review.</p> <p>Activity:Field work, report writing.</p>
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389	Entrepreneurship Development	23MSW2E6	<p>Employability: Content: Entrepreneurships –creative entrepreneurship, inclusive entrepreneurship, knowledge entrepreneurship.</p> <p>Entrepreneurship: Contents: Social entrepreneur, Serial entrepreneur, Life style entrepreneur.</p> <p>Skill Development: Contents:Skills of an entrepreneur Role of Central Government and State Government in promoting entrepreneurship.</p> <p>Activity: Group Assignments and Individual, Group Counselling, Case Work Preparation.</p>
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390	Green Social Work	23MSW2E7	<p>Employability: Content: Challenges in implementing Green Social Work & GSWN.</p> <p>Entrepreneurship: Contents: Environmental Pollution, Waste Management; Pollution - Air, Water, Soil, Noise and Solid waste Management.</p> <p>Skill Development: Contents: Environment Ethics. Environmental Management, Green protocol, Green Social Work Initiatives.</p> <p>Activity: Group Assignments and Individual, Group Counselling, Case Work Preparation.</p>
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391	Rural Community Development	23MSW2E8	<p>Employability: Contents: Administrative Arrangment for Rural Development</p> <p>Entrepreneurship: Contents: Corporate Social Responsibility for Rural Development</p> <p>Skill Development: Contents: Community Development, Problems and Programs related to Agriculture</p> <p>Activities: Community Organisation Programmes in Villages, Hands-on-Experience in Panchayat Union Office and Non-Governmental Organisations</p>
392	INTRODUCTION TO INDIAN SOCIETY	23MSW1AE	<p>Employability: Content: Basic Indian Social Institutions</p> <p>Entrepreneurship: Content: Social Stratification</p> <p>Skill Development: Content: Basis of Hindu Social Philosophy, Indian Society and Culture, Social Change</p> <p>Activity: Brain Storming, Mind Map, Business Game</p>

393	Communication Skills for Social Work	23MSW2SE1	<p>Employability: Content: Developing Confidence; Planning; Preparation; Successful and effective delivery of Speech</p> <p>Entrepreneurship: Content: Preparation for group discussions; Skills for effective preparation; Traits tested in a group discussion; Initiating the group discussion; Types of group discussions.</p> <p>Skill Development: Content: Basics of writing; Writing paragraphs; Writing letter and e-mails; Writing research articles; Report writing; Writing a CV</p> <p>Activity: Brain Storming, Mind Map, Business Game</p>
	30.PSEN		
394	ENGLISH POETRY	23PG1L1	<p>Employability: Contents: “The General Prologue”, “Epithalamion”, “The Canonization”, “Paradise Lost”, "Absalom and Achitophel", “Anthem for Doomed Youth”, "Musee des Beaux Arts", "Whitsun Weddings", "Hawk Roosting" & "Digging".</p> <p>Activities: E-Content, Seminar, Model Making and Assignment</p>

395	ENGLISH DRAMA	23PG1L2	Employability: Contents: The Spanish Tragedy, The Jew of Malta, Volpone, The White Devil, The Playboy of the Western World, Mother Courage and her Children, Birthday Party & Waiting for Godot. Activities: E-Content, Seminar, Mockskit, Model Making and Assignment
396	ENGLISH FICTION	23PG1L3	Employability: Contents: The Pilgrim's Progress, Robinson Crusoe, Tristram Shandy, Emma, Jane Eyre, The Rainbow Quest & Portrait of the Artist as a Young Man. Activities: E-Content, Seminar, Mockskit, Model Making and Assignment

397	REGIONAL LITERATURES OF INDIA/ SOUTH ASIAN LITERATURE	23PG1LE1/ 23PG1LE2	<p>Employability:</p> <p>Contents: “Leave this Chanting and Singing”, “Memory”, “A Toppling World View”, The Man from Chinnamasta & “The Agnostic”. Activities: E-Content, Seminar, Model Making and Assignment. Employability: Contents: “A Myth Reworked”, “I have no Country”, “Epilogue: Afghanistan Today”, Bayen, The Kite Runner & "Gorilla".</p> <p>Activities: Role Play, Assignment, E-Content, Quiz & Literary Encounter.</p>
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398	GENDER STUDIES/ LIFE NARRATIVES	23PG1LE3/ 23PG1LE4	Employability: Content : "The Old Playhouse", "Diving into the Wreck", "Symptoms", "I wanted Everything" , "Theorising Masculinity", "The Invisible Girl", " "Masculinity", Glengarry Glen Ross and Luna. Activities : Ppt and Seminar on Luna , The Pearl that Broke Its Shell Ppt and Seminar and "Distant Land" Open Book Assignment Employability: Content : Incidents in the Life of a Slave Girl, De Profundis, Into the Wild, This Boy's Life, Persepolis, The Diary of Anne Frank and Criticism Activities : Preparing an Autobiography, Biography of their Favourite Personality, Ppt and Seminar
399	ENGLISH FOR COMPETITIVE EXAMINATIONS	23PG1LAE	Employability & Skill Development: Contents: Vocabulary Enhancement, Spotting Errors, Logic Based English Language tests and Comprehension. Activities: Self Introduction, Quiz, Group Discussions, Assignment and Telephone Conversation

400	AMERICAN LITERATURE	23PG2L4	<p>Employability:</p> <p>Contents: “Out of the Cradle Endlessly Rocking”, “After Apple Picking”, “Lady Lazarus”, “Snapshots of a Daughter-in-law”, "The American Scholar", “Walden”, Death of a Salesman, A Street Car Named Desire, "The Cask of Amontillado”, The Cask of Amontillado & Malcolm X.</p> <p>Activities: E-Content, Seminar, Model Making and Assignment</p>
401	SHAKESPEARE STUDIES	23PG2L5	<p>Employability:</p> <p>Contents: 100% for NET/SET/TET</p> <p>Activities: Scrap Book, Assignment, E-Content and Quiz.</p>
402	POSTCOLONIAL THEORY AND LITERATURE	23PG2L6	<p>Employability :</p> <p>Contents : The Empire Writes Back, Introduction to Orientalism, "An Old Woman", "In Memoriam", "Grand Father", Death and the King’s Horseman, The God of Small things, Ice Candyman and "Dead Men’s Path".</p> <p>Activities : Enacting Scenes from the Prescribed Plays, Poem Recitation, PPT Presentation, Quiz and Assignment</p>

403	TEXT AND SCREEN/TEXT AND PERFORMANCE	23PG2LE5/ 23PG2LE6	<p>Employability, Skill Development & Entrepreneurship:</p> <p>Contents: Transtextuality – Intermediality, Types of Adaptation, Techniques of Adaptations & Technical Terms and Case Study.</p> <p>Activities: Critical Analysis, Quiz, Producing Short Films and Seminar.</p> <p>Employability, Entrepreneurship & Skill Development:</p> <p>Contents: Types of Drama, Script Handling, Plots, Before the Performance, Staging, Music and Sounds & Make-up.</p> <p>Activities: Critical Analysis, Quiz, Enacting plays and Seminar.</p>
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404	CONTEMPORARY LITERATURE/ WOMEN'S STUDIES	23PG2LE7/ 23PG2LE8	<p>Employability: Contents: “Mushrooms”, “Ulysses by the Merlion”, “The Algebra of Infinite Justice”, Cheaper than Roses, By the Sea & “Going Home”. Activities: Debate, Quiz, Puzzles, Assignment & E-Content. Employability: Content: “Snapshots of a Daughter in Law”, “Woman to Child”, “There was a Country”, In Search of our Mother’s Gardens: Womanist Prose, Reweaving the World: The Emergence of Eco feminism, Kwa-Landlady, Daughter of Fortune, “The Garden Party” and “The Yellow Wallpaper”. Activities: E-Content, Assignment, Case Study, Quiz & Group Discussion</p>
405	TECHNOLOGY IN TEACHING ENGLISH	23PG2LAE	<p>Employability, Entrepreneurship & Skill Development: Content : Virtual- Learning Environment, Web Tools, Classroom Tools, Webpage Development, Content Writing, Computational Linguistics, Dictionary Development and WorldNet. Activities : Designing a Lesson, Seminar, Quiz, Ppt, Creating Teaching Aids, E-Content Development and Practice Teaching</p>

	31.PSMA		
406	Algebraic Structures	23PG1M1	Employability: Contents: 100% Activities: Identifying the algebraic structures, Solving finite abelian groups using Sylow's theorem.
407	Real Analysis-I	23PG1M2	Employability: Contents: 100% Activities: Describe analysis concepts in Functions of bounded variation and Infinite series, Describe the theorems on Riemann Stieltjes Integral
408	Ordinary Differential Equations	23PG1M3	Entrepreneurship: Contents: 100% Activities: Recognize the physical phenomena modeled by differential equations, Analyze solutions using appropriate methods
409	Number Theory/Integral Transforms	23PG1ME1/2	Skill Development Contents: 100% Activities: Problem Solving using number theory concepts and classifying functions of number theory Skill Development Contents: 100% Activities: Problem Solving using Laplace transform.

410	Fuzzy Sets and its Applications/Differential Geometry	23PG1ME3/23PG1ME4	Employability: Contents: 100% Activities: Classify operators on fuzzy sets, Describe fuzzy relations and fuzzy measure. Employability: Contents: 100% Activities: Describe the Conformal mapping of surfaces, Distinguish the normal and principal curvature
411	Linear Programming	23PG1MAE	Employability : Contents: Formulation of Linear Programming Problem, Graphical Solution Method Skill Development : Contents: Problems in Simplex Method, Activities: Formulate linear programming problems, Solving Linear Programming Problems using graphical method and simplex method.
412	Advanced Algebra	23PG2M4	Employability: Contents: 100% Activities: Classify transformations, Describe various concepts of fields, Analyse Galois theory

413	Real Analysis-II	23PG2M5	Employability: Contents: 100% Activities: Identify Riemann Integral and Riemann - Stieltjes Integral, Classify Uniform convergence of functions
414	Mechanics	23PG2M6	Skill Development: Contents: 100% Activities: Describe D’Alambert’s principle, Explain Hamilton’s principle in Physical reality, Solving problems using Lagrangian
415	Mathematical Statistics/Statistical Methods	23PG2ME5/2 3PG2ME6	Entrepreneurship: Contents: 100% Activities: Classify discrete and continuous distributions, Describe t, F and limiting distributions, Distinguish tests of hypothesis Skill Development: Contents: 100% Activities: Distinguish correlation and rank correlation, Classify t-Distribution and Chi-square Distribution, Apply R programming for storing and retrieving work

416	Graph Theory/Numerical Analysis	23PG2ME7/23	Employability: Contents: 100% Activities: Identify Eulerian and Hamiltonian graphs, Describe Planarity and Matchings in graphs Entrepreneurship: Contents: 100% Activities: Identify the various methods of solving simultaneous linear algebraic equations, Solve problems on higher order differential equations using Euler's, Runge- kutta methods
417	Optimization Methods	23PG2MSE1	Entrepreneurship: Contents: 100% Activities: Distinguish Transportation problem and Assignment problem, Classify the methods of finding IBFS to a transportation problem.
	32.PSCH		
418	Organic Reaction Mechanism-I	23PG1C1	Skill Development : 100% Contents: Methods of Determination of Reaction Mechanism,Aromatic and Aliphatic Electrophilic Substitution,Aromatic and Aliphatic Nucleophilic Substitution, Stereochemistry-I, Stereochemistry-II. Activities: Seminars, Group work, Assignments.

419	Structure and Bonding in Inorganic Compounds	23PG1C2	<p>Skill Development : 100%</p> <p>Contents: Structure of main group compounds, Periodic properties, Acids and Bases, Solid state chemistry – I Techniques in solid state chemistry, Band theory and defects in solids.</p> <p>Activities: Problem solving exercises on Spectral analysis of compound, Seminars, Assignments</p>
420	Organic Chemistry Practicals	23PG1C3	<p>Skill Development : 50%</p> <p>Contents: Qualitative Analysis of an Organic Binary mixture</p> <p>Activities: Detection of aromatic character and functional groups</p> <p>Employability : 50%</p> <p>Contents: Single step Organic preparations</p> <p>Activities: Separation and purification of Organic compounds</p>

421	Pharmaceutical Chemistry	23PG1CE1	<p>Skill Development : 40%</p> <p>Contents: Physical properties in Pharmaceuticals, Development of new drugs</p> <p>Activities: Assignment on the physical parameters of drugs and structure activity relationship.</p> <p>Employability : 60%</p> <p>Contents: Isotopic Dilution analysis, Drug dosage and product development, Computers in Pharmaceutical Chemistry</p> <p>Activities: Analysis of Application of computers in chemistry, group discussion</p>
422	Nanomaterials and Nanotechnology	23PG1CE2	<p>Skill Development : 40%</p> <p>Contents: Metallic nano particles, synthesis and properties, Nano electronics and nano magnetism.</p> <p>Activities: Tabulation of properties of nanomaterials.</p> <p>Employability : 60%</p> <p>Contents: Introduction of nanomaterials, Nanosensors and carbon nanotubes, Nanofilms and nanocomposites</p> <p>Activities: Applications of CNTs in various fields-discussion.</p>

423	Electrochemistry	23PG1CE3	<p>Skill Development : 40%</p> <p>Contents: Ionics, Electrode reactions of Multistep Multi Electron System</p> <p>Activities: Types of electrochemical reactions and calculation of emf.</p> <p>Employability : 60%</p> <p>Contents: Electrode-electrolyte interface, electrode reactions, Concentration Polarization, Batteries and Fuel cells</p> <p>Activities: Designing of fuel cells, Seminars, Group work.</p>
424	Molecular Spectroscopy	23PG1CE4	<p>Skill Development : 60%</p> <p>Contents: Electronic spectroscopy, NMR and ESR spectroscopy, Mass Spectrometry, EPR and Mossbauer Spectroscopy.</p> <p>Activities: Spectral analysis of compounds</p> <p>Employability : 40%</p> <p>Contents: Rotational and Raman Spectroscopy, Vibrational Spectroscopy.</p> <p>Activities: Problem solving Exercises, Assignments, Seminars.</p>

425	Chemistry in Consumer Products (EDC)	23PG1CAE	<p>Skill Development : 40%</p> <p>Contents: Preparation of Cosmetics and stationeries, Basic Concepts Involved in the Preparation of House Hold Items</p> <p>Activities: Hands-on-experience in the preparation of basic house hold items.</p> <p>Employability : 40%</p> <p>Contents: Personal Care Products and its Preparation, Perfumes</p> <p>Activities: Hands-on-experience in the preparation of powder, soap and shampoo.</p> <p>Entrepreneurship : 20%</p> <p>Contents: Hands-on Training on the Preparation of House Hold Products</p> <p>Activities: Hands-on-experience in the preparation of phenoyl, Sanitizers, Computer sambrani and Detergent powder.</p>
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426	Organic reaction mechanism-II	23PG2C4	Skill Development : 100% Contents: Elimination and Free Radical Reactions, Oxidation and Reduction Reactions, Rearrangements, Addition to Carbon Multiple Bonds, Reagents and Modern Synthetic Reactions Activities: Exercises on reaction mechanisms, Seminars., Group work, Assignments.
427	Physical Chemistry-I	23PG2C5	Skill Development : 100% Contents: Classical thermodynamics, Statistical thermodynamics, Statistical approach to heat capacity & irreversible thermodynamics, Kinetics of reactions, Kinetics of complex and fast reactions. Activities: Problem solving exercises, Group work, Assignments, Seminars.

428	Inorganic Chemistry Practicals	23PG2C6	<p>Skill Development : 60%</p> <p>Contents: Analysis of mixture of cations and preparation of inorganic complexes</p> <p>Activities: Determination of amount of metals in the given solution and Re crystallisation of Crude samples.</p> <p>Employability : 40%</p> <p>Contents: Complexometric Titration</p> <p>Activities: Solution preparation and determination of strength of given solution.</p>
429	Medicinal Chemistry	23PG2CE5	<p>Skill Development : 40%</p> <p>Contents: Introduction to receptors, antibiotics.</p> <p>Activities: Assignment on the applications of receptors and antibiotics.</p> <p>Employability : 60%</p> <p>Contents: Antihypertensive agents, Diuretics, Analgesics, Antipyretics and Anti-inflammatory Drugs.</p> <p>Activities: Analysis of various types of drugs and their dosages.</p>

430	Green Chemistry	23PG2CE6	<p>Skill Development : 40%</p> <p>Contents: Introduction to green chemistry, Sono chemistry</p> <p>Activities: Tabulation of the difference between Renewable resources and Nonrenewable resources</p> <p>Employability : 60%</p> <p>Contents: Green reagents, Green catalysis, Green synthesis.</p> <p>Activities: Analysis of various mechanism of green synthesis.</p>
431	Bio Inorganic Chemistry	23PG2CE7	<p>Skill Development : 60%</p> <p>Contents: Transport Proteins, Nitrogen fixation, Enzymes.</p> <p>Activities: Tabulation of functions and uses of some Enzymes.</p> <p>Employability : 40%</p> <p>Contents: Essential trace elements, Metals in medicine.</p> <p>Activities: Analysis of various types of metals in medicine.</p>

432	Material Science	23PG2CE8	<p>Skill Development : 60%</p> <p>Contents: Basics of nanomaterials, Properties of nanomaterials, Characterization techniques.</p> <p>Activities: Tabulation of the difference between bulk and nanoparticles.</p> <p>Employability : 40%</p> <p>Contents: Synthetic methods of nanomaterials, Applications of nanomaterials.</p> <p>Activities: Preparation by sol-gel method & Sonification Group work, Assignments.</p>
433	Chemistry in everyday life (EDC)	23PG2CSE1	<p>Skill Development : 40%</p> <p>Contents: Soil, Water</p> <p>Activities: Classification of different types of soils and water purification techniques.</p> <p>Employability : 40%</p> <p>Contents: Food chemistry, Oil</p> <p>Activities: Detection of adulterants in various foods</p> <p>Entrepreneurship : 20%</p> <p>Contents: Cosmetics</p> <p>Activities: Hands-on-experience in the preparation of powder, soap, shampoo and nail polish</p>
	33.PSZO		

434	Structure and Function of Invertebrates	23PG1Z1	Contents: Skill Development: Structure and Function in invertebrates, Organisation, Nutrition and Digestion Activities: Chart Preparation, Model Assignments & Seminars
435	Comparative Anatomy of Vertebrates	23PG1Z2	Contents: Skill Development: Classification of Animal kingdom, Levels of Organization Activities: Chart Preparation, Model Assignments & Seminars
436	Lab Course in Invertebrates & Vertebrates	23PG1Z3	Contents: Skill Development: Identification of the morphological and anatomical structures & Appendage, nervous and digestive system. Activities: Practicals-Demonstration, Hands-on Experience & Record Writing
437	Molecules and their interaction relevant to Biology	23PG1ZE1	Contents: Skill Development: Bioenergetics and Enzymology Activities: Assignments & Seminar

438	Fisheries & Aquaculture	23PG1ZE2	Contents: Skill Development: Maintenance of Fish Farms, Culture Systems Employability & Entrepreneurship: Preparation and Construction of Ponds; Water Quality Management; Maintenance of Fish Farms Activities: Field Visits, Assignments & Seminars
439	Biostatistics	23PG1ZE3	Contents: Skill Development: Correlation analysis- Regression analysis & SPSS Employability: Data analysis with comprehensive statistical software using Statistical Package for the Social Sciences (SPSS). Activities: Problem Solving, Assignments & Seminar
440	Environmental Toxicology	23PG1ZE4	Contents: Skill Development: Toxicity Test - Acute and Chronic Toxicity & Biomarkers Employability: Activities: Field Visit report, Assignments & Seminar

441	Sericulture	23PG1ZAE	Contents: Skill Development: Rearing houses and equipment Employability & Entrepreneurship: By-products of sericulture industry. Activities: Assignments, Quiz, Seminar, Field Visit & Isolation of Silk Gland from Mature Worm.
442	Cellular and Molecular Biology	23PG2Z4	Contents: Skill Development: Replication, Transcription, Translation, Cell Signalling, Activities: Assignments, Quiz, Biovisual chart & Model Preparation of Cellular Events through Making Charts.
443	Developmental Biology	23PG2Z5	Contents: Skill Development: Chief events in animal development, Organogenesis Activities: Panel Discussion, Debates, Assignments & Seminars

444	Lab Course in Cell Biology and Developmental Biology	23PG2Z6	Contents: Skill Development: Detection of a Polytene Chromosome in salivary gland cells of the larvae of Chironomous Employability: Isolation of genomic DNA and total RNA from tissue Activities: Practicals-Demonstration, Hands-on Experience & Record Writing
445	Economic Entomology	23PG2ZE5	Contents: Skill Development: Pest management/Control strategies Entrepreneurship: Silkworms - types, life history, disease management and rearing methods - Types of honey bees, life history, social organization (colonies and caste system), honey bee care and management of bee hive - Lac insects-life history, lac cultivation Activities: Practicals-Demonstration, Hands-on Experience & Record Writing
446	Microbiology	23PG2ZE6	Contents: Skill Development: Sterilization methods Employability: Food Microbiology, Industrial Microbiology Activities: Assignment, Quiz & Seminar

447	Research Methodology	23PG2ZE7	Contents: Skill Development: Bioinstrumentation, Histology & Microscopy Employability: Biological techniques, Principles and Applications of tracer techniques in biology, Animal cell culture techniques Activities: Assignments & Seminar
448	Biophysics	23PG2ZE8	Contents: Skill Development: Instrumentation Activities: Assignments, Quiz, Seminar
449	Poultry Farming	23PG2ZE1	Contents: Skill Development: Management of Chicks - growers and layers - Management of Broilers. Employability & Entrepreneurship: Selection, care and handling of hatching eggs - Egg testing. Methods of hatching.- Brooding and rearing -. Sexing of chicks. - Farm and Water Hygiene - Recycling of poultry waste. Activities: Field Visit reporting, Assignments & Seminar
	34.PSNN		
450	Macronutrients	23PG1N1	Employability Content: Research Institution, planning diet. Activities: Class performance, Assignment & Seminar.

451	Advanced Dietetics	23PG1N2	Employability Content: Planning of diet from pediatrics to geriatrics. Activities: Hands on experience, demonstration & practicals.
452	Advanced Dietetics Practical	23PG1N3	Employability Content: Planning of diet from pediatrics to geriatrics. Activities: Class Performance, Assignment, quiz, planning of diets from pediatrics to geriatrics
453	Functional Foods and Nutraceuticals	23PG1NE1	Skill Development Content: Knowledge on functional foods and nutraceutical compounds present in foods. Activities: Seminar and group discussion
454	Nutrition in Critical Care & Disasters	23PG1NE2	Skill development Content: Nutritional management during crisis Activities: Class Performance, Assignment, quiz, group discussion;
455	Advanced Human Physiology	23PG1NE3	Skill Development Content: Parts of body. Activities: Seminar, Group discussion.
456	Food Biotechnology	23PG1NE4	Skill development Content: enzymes, microorganism Activities: Demonstration, Hands on experience, Practicals, record writing

457	Nutrition & Dietetics	23PG1NAE	Employability Content: Planning normal therapeutic diet, counselling techniques. Activities: Demonstration, Hands on experience in preparation.
458	Advanced Food Science	23PG2N4	Skill Development Content: Research Institution, planning diet. Activities: Class performance, Assignment & Seminar.
459	Analytical Instrumentation	23PG2N5	Skill Development Content: Learning the principles and procedures of different analytical equipment. Activities: Seminar
460	Techniques in Food Analysis Practical	23PG2N6	Skill Development Content: Handling analytical lab equipments. Activities: Demonstration, Hands on experience
461	Food Safety & Quality Control	23PG2NE5	Skill Development Content: Packaging techniques, HACCP principles. Activities: Seminar, Group discussion.
462	Performance Nutrition	23PG2NE6	Employability Content: Acquisition of knowledge on basic methods of cooking and nutrients. Activities: Group Discussions, Assignments, Flowcharts
463	Food Microbiology	23PG2NE7	Skill Development Content: Microorganisms, diseases. Activities: Seminar, Group discussion.

464	Nutritional Assessment & Surveillance	23PG2NE8	Skill Development Content: Acquisition of knowledge on assessment of nutritional status. Activities: Group Discussions, Assignments, Flowcharts
465	Food Preservation	23PG2NSE1	Employability Content: Techniques of food preservation. Activities: Seminar, Group discussion.
	35.PSCS		
466	Analysis & Design of Algorithms	23PG1B1	100% - (40% - Employability , 20% - Entrepreneurship , 40% - Skill Development) Content: Employability : Introduction, Traversal And Search Techniques Entrepreneurship : Greedy Method Skill Development : Dynamic Programming, Backtracking Activity: Class performance, Brain Storming, Assignment , Quiz, Demonstration, programming skills , Seminars and Discussions, Applications to real life situation, Experiential Learning.

467	Python Programming	23PG1B2	100% - (60% - Employability , 40% - Skill development) Content: Employability : Introduction, Code Structures, Modules, Packages and classes Skill Development : Data Types and Web, Systems and Networks Activity: Visit To Network Based Companies, seminar, Innovative Assignments and Practices, Guest Lecture, Case study, Demonstration, Quiz
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468	Python Programming Lab	23PG1B3	<p>100% - (60% - Employability, 40% - Skill Development)</p> <p>Content: Employability : Programs using elementary data items, lists, dictionaries and tuples, Programs using conditional branches, Programs using loops, Programs using functions, Programs using exception handling, Programs using inheritance</p> <p>Skill Development: Programs using polymorphism, Programs to implement file operations, Programs using modules, Programs for creating dynamic and interactive web pages using forms.</p> <p>Activity: Class performance, Assignment , Demonstration, Seminars and Discussions,</p>
469	Elective I: Advanced Software Engineering	23PG1BE1	<p>100% - (40% - Employability, 60% - Skill Development)</p> <p>Content: Employability : Introduction, Software Requirements</p> <p>Skill Development : Project Management, Software Design, Software Testing</p> <p>Activity: Class performance, Assignment , Demonstration</p>

470	Elective I: Advanced Computer Graphics	23PG1BE2	<p>100% - (30% - Employability, 10% - Entrepreneurship, 60% - Skill Development)</p> <p>Content: Employability : Output Primitive Of Attributes</p> <p>Entrepreneurship : Two-Dimensional Geometric Transformations</p> <p>Skill Development : Two-Dimensional Viewing, Introduction To Animation, Interpolation, Interpolation-Based Animation</p> <p>Activity: Programming skills , Applications to real life situation, Hands on Training, Experiential & Experimental Learning</p>
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471	Elective II: Advanced Database Systems	23PG1BE3	<p>100% - (30% - Employability, 10% - Entrepreneurship, 60% - Skill Development)</p> <p>Content: Employability : Introduction to SQL, Intermediate SQL</p> <p>Entrepreneurship : Advanced SQL</p> <p>Skill Development : Relational Database Design, Transaction, Parallel and Distributed Databases, Distributed Databases</p> <p>Activity: Idea to Generate Programming Logic, Lab Demo - presented by students, exercises, E-Assignments, Videos, Hands on training, Experiential Learning, Programming Skills</p>
472	Elective II: Object Oriented Analysis and Design & C++	23PG1BE4	<p>100% - (40% - Employability, 60% - Skill Development)</p> <p>Content: Employability : Object Model , Classes and Objects</p> <p>Skill Development : C++ Introduction, Inheritance and Overloading, Polymorphism and Files</p> <p>Activity: Programming skills , Applications to real life situation, Hands on Training, Experiential & Experimental Learning</p>

473	Web Development	23PG1BAE	<p>100% - (40% - Employability, 20% - Entrepreneurship, 40% - Skill Development)</p> <p>Content: Employability : Overview of Html, Working with Text</p> <p>Entrepreneurship : Organizing Text</p> <p>Skill Development : Creating Tables, Understanding CSS</p> <p>Activity: Class performance, Brain Storming, Assignment , Quiz, Demonstration, programming skills , Seminars and Discussions, Applications to real life situation, Experiential Learning</p>
474	Advanced Java Programming	23PG2B4	<p>100% -(40% - Employability, 60% - Skill Development)</p> <p>Content: Employability : Networking, Swings</p> <p>Skill Development : Swing Menus, JDBC, JSP</p> <p>Activity: Class performance, Assignment , Demonstration, Experiential Learning, Applications to real life situation, Hands on Training</p>

475	Data Mining and Warehousing	23PG2B5	<p>100% - (40% - Employability, 60% - Skill Development)</p> <p>Content: Employability : Introduction, Data Preprocessing</p> <p>Skill Development : Mining Frequent Patterns and Classification, Cluster Analysis, Applications and Trends in Data Mining</p> <p>Activity: Algorithmic design, Understand Different Algorithm To Classify The Data, Exercises, E-Assignments, Different Algorithm to Classify the Data, Assignments, Seminar,</p>
476	Advanced Java Programming Lab	23PG2B6	<p>100% - (40% - Employability, 20% - Entrepreneurship, 40% - Skill Development)</p> <p>Content: Employability : Networks- TCP/IP, Regular Expression, RMI</p> <p>Entrepreneurship : GUI Programming with Swing and Swing Components</p> <p>Skill Development : Java Database Connectivity, SERVLET, JSP</p> <p>Activity: Programming skills , Applications to real life situation, Hands on Training, Experiential & Experimental Learning</p>

477	Elective - III : Data Mining Lab using R	23PG2BE5	<p>100% - (40% - Employability, 30% - Entrepreneurship, 30% - Skill Development)</p> <p>Content: Employability : Implement Apriori algorithm to extract association rule of data mining. Implement k-means clustering technique, Implement any one Hierarchal Clustering</p> <p>Entrepreneurship : Implement Classification algorithm, Implement Decision Tree</p> <p>Skill Development : Linear Regression, Data Visualization</p> <p>Activity: Class performance, Assignment , Demonstration, Experiential Learning, Applications to real life situation, Hands on Training</p>
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478	Elective - III : Operating System Lab	23PG2BE6	<p>100% - (60% - Employability, 40% - Skill Development)</p> <p>Content: Employability : To demonstrate various Shell commands like cat, grep, ls, more, ps, chmod, finger, ftp, etc., Shell script to perform simple mathematical operations, Shell script to perform string operations, Shell script program to manipulate files</p> <p>Skill Development : Shell script to illustrate various system configurations, Creating user accounts, switching user accounts, setting umask, Linux general purpose utilities, Shell script to customize user environment</p> <p>Activity: Assignments and discussions, Quiz, Seminar, Seminar, Case studies, quiz, E-Assignments, Brainstroming, Videos</p>
479	Elective -IV : Advanced Operating System	23PG2BE7	<p>100% - (40% - Employability, 60% - Skill Development)</p> <p>Content: Employability : Basics of Operating Systems, Distributed Operating Systems</p> <p>Skill Development : Real time Operating Systems, Handheld System, Case Studies</p> <p>Activity: Class performance, Assignment , Demonstration</p>

480	Elective –IV : Multimedia Technologies	23PG2BE8	100% - (40% - Employability , 60% - Skill Development) Content: Employability : Introduction, Images, Sound, Animations, Video Skill Development : Making Multimedia, The Internet and Multimedia, Designing for the World Wide Web Activity: Class performance, Assignment , Demonstration, Applications to real life situation, Hands on Training
481	WEB Designing using CSS & JavaScript	23PG2BAE	100% - (60% - Employability , 40% - Skill Development) Content: Employability : Overview of Html, Working with Text & Creating Tables, Html Forms and Controls Skill Development : Java Script, Understanding CSS Activity: Class performance, Assignment , Demonstration, Applications to real life situation, Hands on Training.
36.PSIT			
482	Python Programming	23PG1I1	Skill Development Content: functions, list and objects. Activities: Problem solving in Python concepts
483	Python Programming Practical	23PG1I2	Employability Content: functions, list and objects. Activities: Develop various python programs and compare various results.

484	Web Development using Wordpress	23PG1I3	Employability: Content : Introduction advanced HTML5, Javascript and wordpress concepts. Activities : Develop various wordpress websites
485	Image Editing and Animation	23PG1IAE	Employability Content: Program concept using Animation software and Image editing Activities:: Demonstration, Hands on experiments in animation techniques and image manipulation
486	Data Structures	23PG1IE1	Skill Development Content: Data structures, implementation and application. Activities: Identifying correct data structure and calculating complexity.
487	Natural Language Processing	23PG1IE2	Skill Development Content: Different algorithms to process NLP, Applications and usages. Activities: Implementing algorithms and see the performance.

488	Operating Systems	23PG1IE3	Skill Development Content: Distributed Shared memory, Process Management, Linux Activities: Written assignment and case study in different operating systems
489	Human Computer Interact	23PG1IE4	Skill Development Content: Human-computer interaction (HCI) models, styles, and various historic HCI paradigms Activities: Analyze the core theories, models and methodologies in the field of HCI
490	Database Systems	23PG2I4	Skill Development Content: Purpose of Database, Data models, Relational Algebra, Relational calculus, Functional dependency, Normalization, SQL, PL/SQL Activities: Discussion and Assignments, Creating Database, Writing SQL Queries, Handling triggers and cursors
491	RDBMS Lab	23PG2I5	Employability Content: Program using SQL concepts such as DDL, DML, and DCL statements, PL/SQL concepts. Activities: Practising SQL queries, Worksheet on solving SQL queries and PL/SQL programs.

492	Open Source Technologies	23PG2I6	Employability Content: Program using PHP and Ruby Scripts and wordpress. Activities: Develop websites.
493	E-Commerce and Content	23PG2ISE1	Employability Content: Program using PHP , Javascript and CSS. Activities: Develop E-Commerce based dynamic web pages. Connect the web site to database.
494	Networks and Security	23PG2IE5	Skill Development Content: Network Security Vulnerabilities, Basic security. Intrusion, Physical Theft. Security Regulations Activities: Analyse different security architecture for an organization
495	Biometric Techniques	23PG2IE6	Skill Development Content: Bio metric techniques and concepts Activities: Identifying various bio metric techniques and comparing them.
496	Object Oriented Analysis and Design	23PG2IE7	Employability Content: Searching & Traversal Techniques, Greedy method & Dynamic program, Backtracking, Branch & Bound. Activities: Group Discussion, Case studies Assignments on different algorithms.

497	Software Project Managem	23PG2IE8	Employability Content: Various Software project mannagment techniques and solutions. Activities: Group Discussion, Case studies Assignments on different techniques.
	37.PSCC		
498	Business Finance	23PG1K1	Employability : Contents: Cash Management: Meaning, Objectives and Importance – Cash Cycle – Minimum Operating Cash Activities: Practical Implementation of Concepts, Assignments, Demonstration, Think-Pair-Share
499	Digital Marketing	23PG1K2	Employability : Contents: Online marketing mix – E-product – E-promotion – E-price – E-place – Consumer segmentation – Targeting Activities: Analysis of case laws and Assignment, Discussion on Newspaper Clippings
500	Banking and Insurance	23PG1K3	Employability : Contents: Insurance Regulatory and Development Authority of India Act (IRDA)– Regulations and Guidelines. Activities: PowerPoint Presentation, Assignment.

501	Introduction to Industry 4.0	23PG1KE1	Skill Development: Contents: Big Data in Social Causes - Big Data for Industry -Big Data Roles - Learning Platforms Activities: Analysis of case laws and Assignment,Discussion on Newspaper Clippings
502	Big Data Analytics	23PG1KE2	Employability : Contents: Hadoop Distributed File System: A Storage System for Big Data – YARN: A Resource Manager for Hadoop Activities: Practical Implementation of Concepts, Assignments, Demonstration, Think-Pair-Share
503	Enterprise Resource Planning	23PG1KE3	Skill Development: Contents: Increased Flexibility - Reduced Quality Costs - Better Analysis and Planning Capabilities Activities: Practical Implementation of Concepts, Assignments, Creating Games
504	Database Management System	23PG1KE4	Skill Development: Contents: Constraints - Domain, Equity, Referential Integrity Constraints Activities: Practical Implementation of Concepts, Assignments, Demonstration, Document Creation, Account Entry

505	Electronic Banking	23PG1KAE	Skill Development: Contents: NEFT-RTGS – ECS – EFT Activities: Practical Implementation of Concepts, Assignments, Demonstration, Think-Pair-Share
506	Strategic Cost Management	23PG2K4	Employability : Contents: Relevance in Decision making and its Application in Budgeting . Activities: Problem Solving, Assignments, Creating Inventory and Cost Sheets, Case Studies.
507	Corporate Accounting	23PG2K5	Employability : Contents: Cost of control – Capital reserve – Inter-company holdings . Activities: Problem Solving, Assignment, Creating Inventory and Cost Sheets, Case Studies.
508	Setting up of Business Entities	23PG2K6	Employability : Contents: Procedure for incorporation – LLP agreement – Annual compliances of LLP. Activities: Assignment, creating a model of Transport.
509	Data Mining and Data Interpretation	23PG2KE5	Skill Development: Contents: Data Mining Architecture - Clustering in Data Mining - Different types of Clustering . Activities: Monopoly Game, Role Play, Assignments

510	Technology in Banking	23PG2KE6	Skill Development: Contents: NEFT, RTGS, VSAT, SFMS, SWIFT Activities: Assignment,creating a model of Transport.
511	Financial Analytics (Practical)	23PG2KE7	Employability : Contents: Cash flow statement – Prepare and Analyse Activities: Assignment,creating a model of Transport.
512	Management Information System	23PG2KE8	Employability : Contents: Customer Relationship management - Organisation & Types - Decision Making Activities: Assignment,creating a model of Transport.
513	Financial Accounting & Tally	23PG2KAE	Skill Development: Contents: Creating accounting voucher for purchase, sales, debit note, credit note Activities: Worksheets, Assignments, Problem Solving Exercises
	38.MBA		

514	Behavioural Finance	23MBA404D	Employability Contents: Fundamental Information and Financial Markets - Information available for Market Participants and Market Efficiency - Market Predictability - Behavioral factors and Corporate Decisions on Capital Structure and Dividend Policy Activities: Case analysis on market functions, Preparation of charts and trend projections of market data for financial decisions.
	39.MCA		
515	Relational Database Management System	23MCA102	Employability : Content: 100% Activities: Hands on Training to Design and Build Databases and Postulate Queries
516	Programming in Python	23MCA104	Employability : Content : 100% Activities : Code Building, Debugging , Developing Applications
517	Lab I- RDBMS	23MCA105	Employability: Content : 100% Activities : Code Building, Debugging , Developing Applications

518	Lab II- Python Programming	23MCA106	Employability: Content: 100% Activities: Assignments, Worksheets on Queries, Creating Back End Procedures for Database Management
519	Computer Networks & Communication	23MCA202	Skill Development: Content: 100% Activities: Protocol implementation, Network Programming, Using Network Security algorithms to implement security in networks
520	Programming in JAVA	23MCA203	Employability: Content: 100% Activities: Problem analysis, Coding, Seminars & Discussions
521	Lab IV- Java Programming	23MCA205	Employability: Content: 100% Activities: Assignments on problem solving , Coding, Developing applications
522	Full Stack Development	23MCA303	Employability: Content: 100% Activities: Assignment, Code, Debug & Test Mobile Apps
523	Application Development Frameworks	23MCA304	Employability: Content: 100% Activities: Assignment, Code, Debug & Test Applications

524	Lab V - Full Stack Development	23MCA305	Employability: Content: 100% Activities: Hands on Training to Design, Code, Debug & Test Mobile Apps Applications
525	Lab VI - Application Development Frameworks	23MCA306	Employability: Content: 100% Activities: Assignment, Code, Debug & Test Applications
526	Skill Based Lab III- Mobile Application Development	23MCA307	Skill Development: Content: 100% Activities: Hands on Training on CASE tools for testing software
527	Distributed Systems	23MCADS01	Skill Development: Content: 100% Activities: Protocol implementation, Network Programming, Using Network Simulators to implement networks
528	Secured Wireless Communication	23MCADS02	Skill Development: Content: 100% Activities: Analyze various wireless network, architecture Assignments
529	Web Security	23MCADS06	Skill Development: Content: 100% Activities: Seminars, Assignments, Discussions in Security techniques on Web

530	Machine Learning	23MCAAM03	Skill Development: Content: 100% Activities: Seminars, Assignments , Aanlyse efficiency of various machine learning algorithms
531	E - Content Development	23MCAGE01	Skill Development: Content: 100% Activities: Seminars, Assignments, Group Presentation
532	Principles of Artificial Intelligence	23MCAGE08	Skill Development: Content: 100% Activities: Seminars, Group Discussions, Analyse AI algorithms
533	Cloud Services	23MCAGE11	Skill Development: Content: 100% Activities: Use online cloud computing tools, Seminars, Assignments
534	Internet & Web Designing	23MCAGE13	Employability: Content: 100% Activities: Creating Dynamic Web Applications
535	Foundation of Data Science	23MCAGE14	Skill Development: Content: 100% Activities: Seminars, Group Discussions, Explore the necessity of Data Science

536	High Speed Networking Principles	23MCAGE15	Skill Development: Content: 100% Activities: Use networking simulation tools to implement various protocols
	DSPH		
537	SOLID STATE IONICS	23PHDCWP01	Skill Development: Content: 100% Activities: Report Writing, Research Publications, Seminars, PPT Presentations, Assignments
538	MATERIALS SCIENCE	23PHDCPP02	Skill Development: Content: 100% Activities: Report Writing, Research Publications, Seminars, PPT Presentations, Assignments
539	Research Publication and Ethics	CPE-RPE	Employability & Skill Development: Content: Philosophy And Ethics, Scientific Conduct, Publication Ethics, Open Access Publishing, Publication Misconduct, Databases And Research Metrics Activities: Practise in application of rules and research writing
	DSEN		
540	Contemporary Literary Approaches and Theories	2022PHDCW01	Employability: Content: Critical Approaches of 20th Century, Critical Approaches of the Millennium, Critical Theories of 20th Century, Critical Theories of the Millennium Activities: Research writing

541	Contemporary Drama	2022PHDCW 02	Employability: Content: American Drama, Australian Drama, African Drama, European and Asian Drama Activities: Research writing
542	Contemporary Poetry	2022PHDCW 03	Employability: Content: Contemporary American Poetry, Contemporary American Poets, Contemporary Nigerian Poetry, Contemporary Nigerian Poets Activities: Research writing
543	Contemporary Literary Theory and Criticism	2022PHDCW 04	Employability: Content: Cyberfeminism, Race Studies, Queer Theory, Ecocriticism Activities: Research writing
544	History of English Language Teaching	2022PHDCW 05	Employability: Content: The nature of approaches and methods, The audiolingual method, Communicative Language teaching, Total physical response Activities: Research writing
545	Recent Trends and Approaches in ELT	2022PHDCW 06	Employability: Content: Technology based ELT, Task based Learning, Embodied Learning, Immersive Learning Activities: Research writing


 Dr. Meena Kumari