

Department of Commerce, GC Sec-9, Gurugram

Class: B. Com (Pass) – 6th Semester

Nomenclature of the Paper: Cost Accounting II

Lesson Plan: from April 2022 to June 2022

Name of Faculty : Dr. Shubhra Jain

April 2022	
	Topic to be Covered
Week 1	Process Costing : Introduction & Concept with examples
Week 2	Treatment of Wastage and stocks including example
Week 3	Treatment of Inter process profits & Joint & By products with practical problems
Week 4	Contact Costing : Introduction with workings, practicals problems
Week 5	Escalation clause, Contact near completion, cost plus contact with practicals & job and batch costing.
May 2022	
	Topic to be Covered
Week 1	Marginal Costing: concept with practical, Decision making with practical, Assignment 1 distribution
Week 2	Cost volume profit analysis with practical
Week 3	Budgetary Control : Introduction , Limitations ; Forecasts of budgetary Control , classification of budget with practicals.
Week 4	Performance budgeting, zero based budgeting, responsibilities accounting
Week 5	Standard Costing: Material Variance Analysis , Assignment 2
June 2022	
	Topic to be Covered
Week 1	Standard Costing: Labour Variance Analysis
Week 2	Query sessions , Test
Week 3	Revision & Query sessions
Week 4	Revision & Query sessions

Department of Commerce, GC Sec-9, Gurugram

Class: M Com – 4th Semester

Name of Faculty : Dr. Shubhra Jain

Nomenclature of the Paper: COST ACCOUNTING STANDARDS AND REPORTING

Lesson Plan: From April 2022 to June 2022

April 2022	
	Topic to be Covered
Week 1	Institute of Cost Accountants of India: Introduction, objectives. Cost accounting standard board: Introduction, objectives and functions. Generally accepted cost accounting principles: introduction, conceptual framework, objectives, scope, nature of content and format.
Week 2	Cost Accounting Standards(CAS): need and statutory recognition of CAS. Overall recommendations of B. B. Goyal expert committee. Classification of cost (CAS-1), Overheads (CAS- 3), Material cost (CAS-6)
Week 3	Employee cost (CAS-7), Direct expenses (CAS -10) , Administrative overheads (CAS-11) ,
Week 4	Repairs and maintenance cost (CAS-12), cost of service cost center (CAS – 13) , Selling and distribution overheads (CAS-15)
Week 5	Depreciation and amortization (CAS – 16) , Research and development costs (CAS-18) , joint costs (CAS-19) , Assignment 1 .
May 2022	
	Topic to be Covered
Week 1	Capacity determination (CAS-2), Cost of production for captive consumption (CAS-4),
Week 2	Determination of average (equalized) cost of transportation (CAS-5), Cost of utilities (CAS-8).
Week 3	Packing material cost (CAS-9), Pollution control cost(CAS -14) , Interest and financing charges (CAS-17)
Week 4	Royalty and technical know – how fee (CAS- 20) , Quality control (CAS-21)

Week 5	Manufacturing cost (CAS-22).Latest amendments and development in CAS ,
June 2022	
	Topic to be Covered
Week 1	Cost auditor –appointment, eligibility, remuneration, rights and responsibilities, functions, appointing authorities.
Week 2	Cost Audit: nature, scope, advantages, genesis, types, relevance, cost audit, difference between cost audit and cost investigation.
Week 3	Cost accounting records, general features of cost accounting records, companies (cost records and audit) rules 2014 , Test, Presentations
Week 4	Presentations & Queries

Department of Commerce, GC Sec-9, Gurugram

Class: B. Com (Pass) – 4th Semester

Nomenclature of the Paper: BRF II

Lesson Plan: from April 2022 to June 2022

Name of Faculty : Dr. Shubhra Jain

April 2022	
	Topic to be Covered
Week 1	Indian Partnership Act 1932 : Introduction, nature , test and Kinds of partnership
Week 2	Partnership deed , kinds ,Rights & Duties of a partner, Relations of partners to third parties
Week 3	Position of a minor partner, Incoming partner and provisions, Outgoing partner and provisions & Registration of a firm
Week 4	Dissolution of firm : concept , modes, Consequences , Liabilities of a partner after dissolution & modes of settlement of accounts
Week 5	Negotiable Instruments: Introduction ,Characteristics ,Presumptions, Promissory notes & Bill of exchange Assignment 1
May 2022	
	Topic to be Covered
Week 1	Cheque : concept , Marking of cheque, Different types of negotiable instruments & Maturity of negotiable instruments
Week 2	Payments in due course ,interest, Parties to NI ,Privileges of a holder in due course, Capacity of parties ,Liabilities Presentation of a NI for acceptance
Week 3	Presentation of a NI : for sight & payment ,Negotiation , Endorsement
Week 4	Discharge of instruments , Parties Dishonor of a NI, Noting & protesting
Week 5	Sale of Goods Act, 1930 : Introduction & Essentials ,Sale & agreement to sell , Subject matter of contract , Price, Conditions & warranties , Caveat emptor & Transfer of ownership Assignment 2
June 2022	
	Topic to be Covered

Week 1	Sale by non owners , Performance of the contract & Rights of unpaid seller against the goods
Week 2	Rights of unpaid seller against the buyer personally & Consequences of breach of the contract of sale
Week 3	Right of information act , 2005 : Introduction & procedure , Test
Week 4	Revision

Department of Commerce, GC Sec-9, Gurugram

Class: B. Com (Hons) – 6th Semester
Lesson Plan: from April 2022 to June 2022

Nomenclature of the Paper:HRM
Name of Faculty : Dr. Shubhra Jain

April 2022	
	Topic to be Covered
Week 1	HRM : Definition; Importance; Objective & Scope
Week 2	HRM: Functions; TQM, BPR
Week 3	HRP : Definition; Nature; Importance; Objective; Factors & Process
Week 4	HR Analysis & recent trends in HRP
Week 5	Recruitment , Assignment 1
May 2022	
	Topic to be Covered
Week 1	Selection
Week 2	Training & Methods of training
Week 3	Management Development;
Week 4	Wage & Theories of wage , Methods of Wage Payment
Week 5	Wage Incentives , HRD , Assignment 2
June 2022	
	Topic to be Covered
Week 1	Industrial Relations
Week 2	Industrial Unrest; Test
Week 3	Revision
Week 4	Revision

Department of Commerce, GC Sec-9, Gurugram

Class: B. Com (Hons) – 6th Semester
Lesson Plan: from April 2022 to June 2022

Nomenclature of the Paper: RM&SP
Name of Faculty : Dr. Shubhra Jain

April 2022	
	Topic to be Covered
Week 1	Retailing : Meaning, nature,scope,importance
Week 2	Retailing : Growth & present size. Career options in retailing , technology, future.
Week 3	Types of retailing
Week 4	Wheel of retailing , differences
Week 5	Cash & Carry business , Assignment 1
May 2022	
	Topic to be Covered
Week 1	Retailing models
Week 2	Retailing life cycle , Co operations & conflicts
Week 3	Management of retailing operations, Total performance model
Week 4	Functions of retail management and strategic process
Week 5	Retail planning , pricing strategies , location strategies
June 2022	
	Topic to be Covered
Week 1	Assignment 2 and test , Revision
Week 2	Revision
Week 3	Revision
Week 4	Revision

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

2nd SEMESTER

Name of the Paper: Travel Agency and Tour Operator Subject Code: 21 BTTM 201 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> Travel Agency- History, growth, definition, types and present status of Travel agency Organizational structure and working of travel agency Differentiation between travel agency and tour operation business Process for approval of travel agency in India 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> Travel Agents- Definition, types, rights and duties of travel agent, Functions: understanding the function of travel agency, travel Information and counselling of the tourist itinerary preparation, travel Retailing and operations, preparation of tour packages source of Income- commission, service charges and mark up on tours 	Presentation
Up to May 31th	<ul style="list-style-type: none"> Tour Operators- Types of tour operators, rules for recognition of tour Operators, role of tour operators Functions- market research and tour Package formulation, assembling, processing and disseminating Information on destinations. Liaison with principles, preparation of Itineraries, tour operations and post tour management. Practical Exercise and basic requirements in setting up a travel agency and tour Operation unit 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> Tour Package Management- Concept, nature, features and methods. Types of tours, tour package pricing – Nature, need and determination, Formulation, Printing and distribution of tour package brochure. Tour Package strategy, Inbound and Out Bound Tourism- Definition, Operations, Handling booking techniques and procedures, maintenance of different registers, planning package tours Itinerary Planning and Their costing and communicating with clients and principles. 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

2nd SEMESTER

Name of the Paper: Haryana: Tourism, Culture and Cuisine Subject Code: 21 BTTM 202 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> Haryana: Introduction& Overview - Haryana : Geographical & Historical Background of State, Administrative Divisions, Cultural Zones, Prominent Personalities, their relevance & contribution in Tourism. Haryana Tourism & various popular forms of Tourism in Haryana : Highway Tourism, Farm Tourism, Eco Tourism, Pilgrimage Tourism, Golf Tourism, MICE Tourism, Sports Tourism. 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> Cultural Tourism Potential in Haryana: The People, Traditional Costumes, Dances, Music, Fairs & Festivals of Haryana (with Special Reference to Surajkund Crafts Mela, Kartik&GeetaJayantiSamaroh.) Tourism Resources of Haryana: Monuments & Museums Tourism Resources of Haryana : Religious & Pilgrimage Centres - Religious & Pilgrimage Centres of Haryana. A brief discussion on each of these: Kurukshetra, Pehowa, Jyotisar, Agroha, Pindara, Bheemeshwari Mata Beri, Mansa Devi, Sheetla Mata - Gurugram 	Presentation
Up to May 31th	<ul style="list-style-type: none"> Transportation & Accommodation Sector in Haryana: Highways, Major Railway Routes, Junctions & Stations, Airports, Haryana Tourism Complexes, Other interesting accommodation units. (ITC Grand Bharat Gurugram, Taj Chandigarh, TheOberoiGurugram) Cuisine of Haryana: traditional foods & culinary delights of Haryana, Some popular foods & eating joints across the districts and Dhabhas on highways. 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> Tourism Policy of Haryana, Haryana Pioneer in Tourism & Hospitality Education, Hospitality & Tourism Education in the State. Various Universities, Colleges, Institutes, Industry Integrated Centres offering Tourism & Hospitality Programmes and related information District wise Key Tourist Attractions and related information programmes and legislation) 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

2nd SEMESTER

<p style="text-align: center;">Name of the Paper: Tourism Resource of India (Cultural)</p> <p style="text-align: center;">Subject Code: 21 BTTM 203</p> <p style="text-align: center;">Maximum Marks : 100 (80 External + 20 Internal)</p>		
Up to April 20th	<ul style="list-style-type: none"> • Introduction to Culture: Culture: Concept and its essential Features • Indian Culture: Fundamentals of Indian Culture • Indian culture through the Ages • Culture and tourism relationship with special reference to India 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Indian Architecture – • Buddhist Architecture: Ajanta, Ellora and Sanchi, • Hindu Architecture: Khajuraho temples, Sun temple of Konark, Shore Temple of Mamallapuram and Brihadisvara temple at Thanjavur, • Medieval Architecture: Taj Mahal, Red Fort of Delhi, Fatehpur Sikri and Qutub Minar 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • Dances and Music of India: Classical Dances of India • Classical Music of India 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Major Fairs and festivals of India and their significance for tourism Holi, Dussehra, Diwali, Baisakhi, Pongal, Bihu, Desert festival – Jaisalmer, Surajkund Craft fair, International Trade Fair - New Delhi, 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

2nd SEMESTER

Name of the Paper: Adventure Tourism -I (Land Based) Subject Code: 21 BTTM 204 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Definition, Scope and Nature of Land Based adventure tourism • popular tourist destinations for land based (soft/hard trekking, Skiing, mountaineering, desert safaris, car rallies etc.) 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Basic minimum standards for land based adventure tourism related activities - Land based; Mountaineering, Trekking, Knowledge of Tools and equipment's used in land based adventure tourism, • IMF rules for mountain expeditions, cancellation of permits and bookings. • Land Based Adventure Tourism in India-Facilities offered; issues and considerations. - Land Based Adventure tourism. Organizations and training institutes in India. • Challenges of adventure tourism– Litter, waste, pollution, overbuilding, destruction of flora and fauna 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • Land Based Adventure tourism impacts-social, Cultural, economic and environmental impacts of adventure tourism. • Issues from the perspective of different stakeholders (government, local people, tourists and tourism businesses). 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Land Based adventure tourism-products and infrastructure. Marketing and promotional strategies. • Problems and issues relevant to the adventure travel and tourism industry. Risk Management. Career Adventurers, Job opportunities. 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

2nd SEMESTER

Name of the Paper: Human Resource Management Subject Code: 21 BTM 205 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Concept of HRM and HRD; • Role of HR practitioner; Managing the HR function; • scope of HRM, contemporary issues in HRM 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Job, role and competence analysis; • human resource planning; recruitment and selection • induction; redundancy, outplacement and dismissal • maintenance and welfare activities – employee health and safety, fatigue and welfare activities 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • Training and its methods; • Executive development and its techniques • Career management; transfer and promotion 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Aims, components, factor influencing employee compensation; • internal equity, external equity and individual worth • pay structure; incentive payments, • performance appraisal; 360 degree feedback. 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

2nd SEMESTER

Name of the Paper: COMMUNICATION SKILLS IN TOURISM Subject Code: 21 BTM 206 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Communication: Introduction, definitions, Process of communication, • types of Communication, upward, downward, horizontal, vertical and diagonal, verbal, nonverbal and oral and written Interpersonal communication – one way/ two way, • Mediums of communication, Listening, • Barriers to Communication 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Written Communication: Business report, business representation, formal letter Drafting effective letter, formats, • style of writing, • Use of jargons 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • Speeches: Drafting, a speech, presentation, • Personal grooming, • Paragraphs and creative writing, • Extempore, Introducing yourself 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Right to Information Act: Introduction, Right to Information and obligations of Public Authorities, • Central and State Information commissions- powers and functions, • Writing an RTI Application, Submitting and R T I Application, Appeal and penalties 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

4th SEMESTER

Name of the Paper: Emerging Trends in Tourism Subject Code: 15 BTTM 401 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Concepts of emerging trends and dimensions, • importance of study and Major emerging types of tourism in India. 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Rural Tourism- concept and its relation with other types of tourism. • Aims and objectives behind promoting rural tourism. • Resource available in India for rural tourism, • Rural tourism- Benefits or Burden? 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • MICE- Meaning and concept of MICE, • understanding planning and Organizing conference, exhibitions and trade fares, • facilities available in India for MICE, • Convention Management- Role of the meeting manager, Types, skills required and responsibilities. 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Medical Tourism- concept and its relation with other types of tourism. • Overview and operational aspects of medical tourism facilitators. • Major markets of Indian medical tourism Resource available in India medical Tourism, 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
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SESSION 2021-2022**

4th SEMESTER

Name of the Paper: Tourism Products of India IV (Medical) Subject Code: 15 BTTM 402 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Nature and scope of medical Tourism, • Rise of Medical Tourism in Asia, • Hospitality industry and Medical Tourism, • International healthcare accreditation. 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Regulatory laws, • Ethical issues for Medical Tourism, • Travel formalities, • Marketing Medical Tourism 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • Indian health care therapy and medicine - drug treatments Ayurveda, yoga, naturopathy, homoeopathy and spa 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Medical Tourism in India, Major Destinations, • Medical Tourism in Multi-Specialty Hospitals in India, Potential impact of Medical Tourism on the health workforce and health systems in India 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

4th SEMESTER

Name of the Paper: Adventure Tourism -II (Water Based) Subject Code: 15 BTM 403 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Definition, Scope and Nature of Water Based adventure tourism; • popular tourist destinations for Water based (rafting, kayaking, canoeing, surfing, water skiing, scuba diving) 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Basic minimum standards for waterbased adventure tourism related activities like river running, rapids etc. • Knowledge of Tools and equipment used in water based adventure tourism, • Water Based Adventure Tourism in India-Facilities offered; issues and considerations. • Water Based Adventure tourism. Organizations and training institutes in India. • Challenges of adventure tourism– Litter, waste, pollution, overbuilding, destruction of flora and fauna 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • Water Based Adventure tourism impacts-social, Cultural, economic and environmental impacts of adventure tourism. • Issues from the perspective of different stakeholders (government, local people, tourists and tourism businesses). 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Water Based adventure tourism-products and infrastructure. • Marketing and promotional strategies. • Problems and issues relevant to the adventure travel and tourism industry. • Risk Management. • Career Adventurers, Job opportunities. 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

4th SEMESTER

Name of the Paper: International Tourism Subject Code: 15 BTM 404 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> • Meaning, definition, types of international tourism based on variables direction of movement, types, • motivations, • purchasing power of Tourists and importance of typology for industry 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> • Characteristics of International Tourism Destinations and tourists: Allocentric, Midcentric and Psychocentric, • Factors affecting global and Regional tourist movements, • demand forecasting and its significance. 	Presentation
Up to May 31th	<ul style="list-style-type: none"> • India out bound Tourism, • characteristics and patterns of India's major International markets, • domestic tourism in India, • patterns and Characteristics of major tourist generating states. 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> • Case study of China, Thailand, Switzerland, France, USA and Japan. • Case studies of Rajasthan, Himachal Pradesh, Kerala and Orissa 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

4th SEMESTER

Name of the Paper: Foreign Language - I (French) Subject Code: 15 BTTM 405 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> Vocabulary & written expression: Les accents, les salutations. Grammar : Les pronoms sujets, les verbes être et avoir, les jours de la semaine. Oral / Situation: to be given by concerned teacher. 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> Vocabulary & written expression : Se présenter, les nombres cardinaux, Les mois de l'année. Grammar : Les verbes du premier groupe, l'article indéfini. Oral / Situation: Présentez-vous. 	Presentation
Up to May 31th	<ul style="list-style-type: none"> Vocabulary & written expression: Présenter quelqu'un, L'expression de temps. Grammar: Les verbes du deuxième groupe, l'article défini, Pluriel des noms Oral / Situation: Présentez votre ami(e), votre famille. 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> Vocabulary & written expression: Demander l'identité d'un objet ou personne, les verbes aller et venir. Grammar: Négation, L'interrogation << Qu'est-ce que c'est?>> ; <<Qui est-ce?>>; Féminin et pluriel des adjectifs. Oral / Situation: Décrivez votre personnalité et votre ville. Simple translation and Comprehension based on simple text. 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

**DEPARTMENT OF TOURISM
GOVT. COLLEGE, SECTOR 9, GURUGRAM
SESSION 2021-2022**

4th SEMESTER

Name of the Paper: ACCOUNTING FOR HOSPITALITY & TOURISM Subject Code: 15 BTM 406 Maximum Marks : 100 (80 External + 20 Internal)		
Up to April 20th	<ul style="list-style-type: none"> Accounting Theory: Business Transaction and Basic Terminology, Need to Study Accounting, Accounting functions, Purpose of Accounting Records, Accounting Principles – Concepts and Conventions. 	Assignment I
Up to May 10th	<ul style="list-style-type: none"> Account Records: Principles of Double Entry System, Journal Entries, Ledger, Subsidiary Books– Cash, Sales & Purchase books, Bank Reconciliation statement. 	Presentation
Up to May 31th	<ul style="list-style-type: none"> Financial Statement: Basic Financial Statements, Trial Balance, Preparation of Final Accounts, Basic Adjustments to final Accounts, Methods of Presenting Final Accounts Practical Problem, 	Assignment II
Up to June 20th	<ul style="list-style-type: none"> Depreciation Reserves and Provisions – Meaning, basic Methods, Computer Application-Preparation of Records and Financial Statements 	Class Test
If, Time Will Allow	Doubts/ Problems/ Revision of Selected Topics	

DEPARTMENT OF ECONOMICS

Govt. PG College, Sector 9

Gurugram

LESSON PLAN

(Dr. Meenu Mendiratta)

2021-2022

Teaching Plan
Session Plan 2021-2022
Class - B.A. Eco (Hons.)
Subject – Development Economics II
Semester – IV

APRIL

Dualistic Development: Social and Technological dualism; Nurkse disguised unemployment as saving potential, Fei Ranis Theory of Dual Economy. Haris Todaro Model of Migration.

MAY

Models of Growth: Classical model: Mill Theory, the Marxian model; Keynesian model; Inequality and Development: Meaning, Measurement Lorenz Curve, Kuznets Inverted U Shape curve, Inequality and Development:-Inter connection Population Growth and Economic Development.

JUNE

Capital formation: Meaning and sources; capital output ratio; Human capital: concept and utilization. Foreign aid and Economic Development, Transfer of technology.

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Department of Economics

Teaching Plan
Session Plan 2021-2022
Class - B.A. Eco (Hons.)
Subject – Welfare Economics - II
Semester – IV

APRIL

Infinite number of non-comparable optima vs. unique social optimum; Compensation criteria – Contributions of Barone, Kaldor and Hicks.

MAY

The Scitovsky double criterion; Concept of Community indifference map, Samuelson's utility possibility curve. Value judgements and welfare economics Bergson's social welfare function, Arrow's possibility theorem.

JUNE

Divergence between private and social costs; Problems of non-market interdependence; Externalities of production and consumption; External economies and diseconomies; Problem of public goods; Pigovian welfare economics.

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Teaching Plan
Session Plan 2021-2022
Class - M.A. Eco
Subject – Micro Economics - II
Semester – II

APRIL

Oligopoly: non collusive models – Cournot, Bertrand, kinked demand model; collusive models – joint profit maximising, market sharing and leadership cartels. Critique of neo-classical theory of firm. Theory of Games – Two-person, Zero-sum game, Pure and Mixed strategy, Saddle Point Solution. Alternative theories of firm: Baumol's Sales maximization model (simple, static without advertisement model)

MAY

Morris and Williamson Average/full cost pricing, Bain's limit pricing model, behaviouralist model of Cyert and March. Neoclassical theory of factor pricing under competitive conditions, with monopolistic power in product market, monopsonistic power in factor market, bilateral monopoly in factor market, monopoly in factor market. Product exhaustion problem. Neoclassical theory of rent, quasi-rent, interest and profit. Issues in General Equilibrium analysis.

JUNE

Concept of social welfare, some early criteria, Pareto optimality criterion and efficiency conditions, Bergson's social welfare function, idea of theory of second best and Arrow's impossibility theorem, compensation criterion. Market structure and welfare maximization. Market failure – case of externality and public goods; and ways of correcting it.

Dr. Meenu Mendiratta

Department of Economics

Teaching Plan
Session Plan 2021-2022
Class - B.A. Eco (Pass)
Subject – International Economics
Semester – VI

APRIL

Inter-regional and International Trade; Comparative Cost Theory; Hecksher-Ohlin Theory; Rate of Exchange Determination; Mint Par Theory and Purchasing Power Parity Theory.

MAY

Fixed and Flexible Exchange Rate; Exchange Rate Policy in India. Free Trade Vs Protection; Terms of Trade, Exchange Control. Change in Value, Volume, Composition and direction of Foreign Trade in India since 1991; Balance of Trade and Balance of Payments Structure, causes of adverse Balance of Payment in India and measure to correct it. Foreign Trade Multiplier.

JUNE

Objectives, Functions and advantages for India of International Monetary Fund; World Bank; World Trade Organisation and South Asian Association for Regional Cooperation Preferential Trading Arrangement (SAPTA).

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Teaching Plan
Session Plan 2021-2022
Class – M.A
Subject – Growth & Development
Semester – II

APRIL

Sectoral Aspects of development; Importance of agriculture and industry in economic development. Role of institutions – government and markets. Poverty – indicators and measurement.

MAY

Trade and development: trade as an engine of growth, two gap analysis, Prebisch, Singer and Murdal views, gains from trade and LDCs; Role of foreign Direct investment (FDI) and Multi-national corporations (MNCs) in the emerging scenario.

Dr. Meenu Mendiratta

Department of Economics

Department of Commerce, GC Sec-9, Gurugram

Class: B.COM(H) – IV Semester

Paper: Business Ethics

Teacher- Priya Sharma

Lesson Plan: from April 2022 to June 2022

April 2022	
	Topic to be Covered
Week 1	Thinking conceptually about Politics
Week 2	Liberty, Equality, Justice, Rights and Recognition
Week 3	The idea of a good society. Concept of Business Ethics.
Week 4	Domain of Politics and ethics: Democracy and Welfare State
Week 5	Market and Globalization
May 2022	
	Topic to be Covered
Week 1	Approaches to Moral Reasoning: Consequentialism, Deontologism, Teleological reasoning.
Week 2	Politics and Ethics in Business: Corporate Code of Ethics. a) Environment b) Accountability c) Responsibility
Week 3	d) Leadership e) Diversity Corporate Social Responsibility. Arguments For and Against; Strategic Planning and corporate social Responsibility
Week 4	Corporate Philanthropy.
Week 5	Revision
June 2022	
	Topic to be Covered
Week 1	Corruption, corporate scandals, whistle blowing, insider trading
Week 2	discrimination: Gender Sensitization: Meaning, Definition, Gender Roles, Gender Equality, Gender Differentiation
Week 3	Crucial Role of Gender Sensitization in Gender Mainstreaming, , Sex Ratio as per Census of India 2011, Role of Government in Gender Sensitization
Week 4	Revision
Week 5	Revision

Department of Commerce, GC Sec-9, Gurugram

Class: B.COM(H) – IV Semester

Paper: Company Law

Teacher- Priya Sharma

Lesson Plan: from April 2022 to June 2022

April 2022	
	Topic to be Covered
Week 1	Depository System –meaning and importance Shares
Week 2	Shares: - Types of shares; Allotment of Shares
Week 3	Transfer and Transmission of shares
Week 4	Paperless Trading – Benefits and Procedure
Week 5	Need for educating inv
May 2022	
	Topic to be Covered
Week 1	Share capital: - Meaning and forms of capital
Week 2	Alteration of share capital; Reduction of share capital; Further issue of share capital
Week 3	Rights of pre-emption of shares. Shareholders and Members: - Difference between Shareholders and members; Modes of acquiring membership; who may be members?
Week 4	Rights and Liabilities of members
Week 5	Revision
June 2022	
	Topic to be Covered
Week 1	Meeting of Company: - Essentials of valid meeting; meetings of Shareholders: - Annual general meeting
Week 2	Extra-ordinary general meeting; meetings of board of directors; Proxy; Voting, Notice
Week 3	Agenda and Minutes of meetings. Directors: - Duties, Powers, Liabilities, Appointment and removal of directors
Week 4	Winding Up: - Meaning; Winding up by the Tribunal-Petition for winding up; Voluntary winding up, Powers and Duties of company Liquidator, consequences of winding up.
Week 5	Revision

Department of Commerce, GC Sec-9, Gurugram

Class: B.COM (P) – IV Semester

Paper: Corporate Law- B, C

Teacher- Priya Sharma

Lesson Plan: from April 2022 to June 2022

April 2022	
	Topic to be Covered
Week 1	Depository System –meaning and importance Shares
Week 2	Shares: - Types of shares; Allotment of Shares
Week 3	Transfer and Transmission of shares
Week 4	Paperless Trading – Benefits and Procedure
Week 5	Need for educating inv
May 2022	
	Topic to be Covered
Week 1	Share capital: - Meaning and forms of capital
Week 2	Alteration of share capital; Reduction of share capital; Further issue of share capital
Week 3	Rights of pre-emption of shares. Shareholders and Members: - Difference between Shareholders and members; Modes of acquiring membership; who may be members?
Week 4	Rights and Liabilities of members
Week 5	Revision
June 2022	
	Topic to be Covered
Week 1	Meeting of Company: - Essentials of valid meeting; meetings of Shareholders: - Annual general meeting
Week 2	Extra-ordinary general meeting; meetings of board of directors; Proxy; Voting, Notice
Week 3	Agenda and Minutes of meetings. Directors: - Duties, Powers, Liabilities, Appointment and removal of directors
Week 4	Winding Up: - Meaning; Winding up by the Tribunal-Petition for winding up; Voluntary winding up, Powers and Duties of company Liquidator, consequences of winding up.
Week 5	Revision

Govt. College, Sec 9, Gurugram

Class: B.Com (Pass) 2nd Semester (A)

Name of the Assistant Professor: Priya Sharma

Subject: Financial accounting

April 2022	
Week 1	Meaning, Terms and characteristics of Hire Purchase System, Difference between HPP and Credit Sales, Methods of HPP, Explain first method of HPP and necessary accounts
Week 2	Calculation of cash price with its solved illustrations and Calculation of interest
Week 3	Transfer of asset to third party, Sale of asset by Hire purchaser and Numerical problems Second method: Asset accrual method, Goods of small value, Preparation of Hire purchase trading account, Stock and debtor system in HPP and Numerical problems
Week 4	Branch Accounts; Meaning, types and its methods; Debtors method Final account method, Stock and debtor system
Week 5	Independent branches, Incorporation entries in the books of head office, Special transaction between head office and branch, Inter branch transaction and foreign branch
May 2022	
Week 1	Meaning of Department account, Difference between departmental accounts and branch accounts, Departmental trading and P & L account, General profit and loss account, Allocation of expenses, Inter departmental transactions
Week 2	Dissolution of Partnership firm: Meaning, modes and accounting procedure of dissolution firm and Numerical problems
Week 3	Insolvency of partner, Rule of Garner vs Murray with its solved illustrations
Week 4	Joint venture accounts, Joint venture accounting treatment, Accounting treatment of maintaining Joint venture methods. Joint bank methods with its solved illustrations
Week 5	Amalgamation and sale of partnership firm to a company, Accounting records in the books of old and new firm, Sale of partnership firm to a company, Accounting records in the books of partnership firm
June 2022	
Week 1	Royalty accounts; Meaning, types, difference between rent and royalty, Important terms of royalty, Royalty in connection with mines and illustration
Week 2	Recoupment of each years short working and practical problems
Week 3	Sub lease with its solved illustrations Accounting records in connection with oil wells and Royalty in connection with brick making and patents
Week 4	Revision
Week 5	Revision

LESSON PLAN (April - June, 2022)

Name: MEENA RANI

Subject: Chemistry (Physical)

Class : B.Sc. (VIth Sem)

April 4th - 15th

Section-A

Spectroscopy-III

Electronic Spectrum

Concept of potential energy curves for bonding and antibonding molecular orbitals, qualitative description of selection rules and Franck-Condon principle. Qualitative description of sigma and pi and n molecular orbital (MO) their energy level and respective transitions.

Section-B

Photochemistry

Interaction of radiation with matter, difference between thermal and photochemical processes. Laws of photochemistry: Grotthuss-Draper law, Stark-Einstein law (law of photochemical equivalence) Jablonski diagram depicting various processes occurring in the excited state, qualitative description of fluorescence, phosphorescence, non-radiative processes (internal conversion, intersystem crossing), quantum yield, photosensitized reactions-energy transfer processes (simple examples).

April 16th - 30th

Section-C

Solutions:

Dilute Solutions and Colligative Properties

Ideal and non-ideal solutions, methods of expressing concentrations of solutions, activity and activity coefficient. Dilute solution, Colligative properties, Raoult's law, relative lowering of vapour pressure, molecular weight determination, Osmosis law of osmotic pressure and its measurement, determination of molecular weight from osmotic pressure. Elevation of boiling point and depression of freezing point, Thermodynamic derivation of relation between molecular weight and elevation in boiling point and depression in freezing point. Experimental methods for determining various colligative properties. Abnormal molar mass, degree of dissociation and association of solutes.

Section-D

Phase Equilibrium

Statement and meaning of the terms - phase component and degree of freedom, thermodynamic derivation of Gibbs phase rule, phase equilibria of one component system - Example - water and Sulphur systems.

Phase equilibria of two component systems solid-liquid equilibria, simple eutectic Example Pb-Ag system, desilverisation of lead

LESSON PLAN (April-June, 2022)

Name : Meena Rani

Subject : Inorganic Chemistry

Class : B.Sc. (IVth Sem)

May (1-15)

Section-A

Organometallic Chemistry

Definition, nomenclature and classification of organometallic compounds. Preparation, properties, and bonding of alkyls of Li, Al, Hg, and Sn a brief account of metal-ethylenic complexes, mononuclear carbonyls and the nature of bonding in metal carbonyls.

Section-B

Acids and Bases, HSAB Concept

Arrhenius, Bronsted - Lowry, the Lux - Flood, Solvent system and Lewis concepts of acids & bases, relative strength of acids & bases, Concept of Hard and Soft Acids & Bases. Symbiosis, electronegativity and hardness and softness

May (15-30)

Section—C

Bioinorganic Chemistry

Essential and trace elements in biological processes, metalloporphyrins with special reference to haemoglobin and myoglobin. Biological role of alkali and alkaline earth metal ions with special reference to Ca^{2+} . Nitrogen fixation.

Section—D

Silicones and Phosphazenes

Silicones and phosphazenes, their preparation, properties, structure and uses

LESSON PLAN (April - June, 2022)

Name : Meena Rani

Subject : Organic Chemistry

Class : B.Sc. (Vth Sem)

June (1-10)

SECTION - A

Heterocyclic Compounds-I

Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine. Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution. Mechanism of nucleophilic substitution reactions in pyridine derivatives. Comparison of basicity of pyridine, piperidine and pyrrole

SECTION - B

1. Heterocyclic Compounds-II

Introduction to condensed five and six- membered heterocycles. Preparation and reactions of indole, quinoline and isoquinoline with special reference to Fisher indole synthesis, Skraup synthesis and Bischler-Napieralski synthesis. Mechanism of electrophilic substitution reactions of, quinoline and isoquinoline

2. Organosulphur Compounds

Nomenclature, structural features, Methods of formation and chemical reactions of thiols, thioethers, sulphonic acids, sulphonamides and sulphaguanidine. Synthetic detergents alkyl and aryl sulphonates.

June (11-20)

SECTION - C

1. Organic Synthesis via Enolates

Acidity of α -hydrogens, alkylation of diethyl malonate and ethyl acetoacetate. Synthesis of ethyl acetoacetate: the Claisen condensation. Keto-enol tautomerism of ethyl acetoacetate.

2. Synthetic Polymers

Addition or chain-growth polymerization. Free radical vinyl polymerization, ionic vinyl polymerization, Ziegler-Natta polymerization and vinyl polymers.

Condensation or step growth polymerization. Polyesters, polyamides, phenol formaldehyde resins, urea formaldehyde resins, epoxy resins and polyurethanes.

Natural and synthetic rubbers.

Section - D

Amino Acids, Peptides & Proteins

Classification, of amino acids. Acid-base behavior, isoelectric point and electrophoresis. Preparation of α -amino acids. Structure and nomenclature of peptides and proteins. Classification of proteins. Peptide structure determination, end group analysis, selective hydrolysis of peptides. Classical peptide synthesis, solid-phase peptide synthesis. Structures of peptides and proteins: Primary & Secondary structure.

LESSON PLAN (April-June, 2022)

Name : Pooja Rani

Subject : Physical Chemistry

Class : B.Sc. (IVth sem)

April (4-15)

Section-A

Thermodynamics-III

Second law of thermodynamics, need for the law, different statements of the law, Carnot's cycles and its efficiency, Carnot's theorem, Thermodynamics scale of temperature. Concept of entropy – entropy as a state function, entropy as a function of V & T, entropy as a function of P & T, entropy change in physical change, entropy as a criteria of spontaneity and equilibrium. Entropy change in ideal gases and mixing of gases.

Section-B

Thermodynamics-IV

Third law of thermodynamics: Nernst heat theorem, statement of concept of residual entropy, evaluation of absolute entropy from heat capacity data. Gibbs and Helmholtz functions; Gibbs function (G) and Helmholtz function (A) as thermodynamic quantities, A & G as criteria for thermodynamic equilibrium and spontaneity, their advantage over entropy change. Variation of G and A with P, V and T.

April (16-30)

Section-C

Electrochemistry-III

Electrolytic and Galvanic cells – reversible & Irreversible cells, conventional representation of electrochemical cells. EMF of cell and its measurement, Weston standard cell, activity and activity coefficients. Calculation of thermodynamic quantities of cell reaction (ΔG , ΔH & K). Types of reversible electrodes – metal-metal ion gas electrode, metal-insoluble salt-anion and redox electrodes. Electrode reactions, Nernst equations, derivation of cell EMF and single electrode potential. Standard Hydrogen electrode, reference electrodes, standard electrodes potential, sign conventions, electrochemical series and its applications.

Section-D

Electrochemistry-IV

Concentration cells with and without transference, liquid junction potential, application of EMF measurement i.e. valency of ions, solubility product activity coefficient, potentiometric titration (acid-base and redox). Determination of pH using Hydrogen electrode, Quinhydrone electrode and glass electrode by potentiometric methods.

LESSON PLAN (April-June, 2022)

Name: Pooja Rani

Subject: Organic chemistry

Class: B.Sc. (IVth sem)

May (1-15)

Section-A

. Infrared (IR) absorption spectroscopy

Molecular vibrations, Hooke's law, selection rules, intensity and position of IR bands, measurement of IR spectrum, fingerprint region, characteristic absorptions of various functional groups and interpretation of IR spectra of simple organic compounds. Applications of IR spectroscopy in structure elucidation of simple organic compounds.

Section-B

. Amines

Structure and nomenclature of amines, physical properties. Separation of a mixture of primary, secondary and tertiary amines. Structural features affecting basicity of amines. Preparation of alkyl and aryl amines (reduction of nitro compounds, nitriles, reductive amination of aldehydic and ketonic compounds. Gabriel phthalimide reaction, Hofmann bromamide reaction. Electrophilic aromatic substitution in aryl amines, reactions of amines with nitrous acid.

Section-C

1. Diazonium Salts

Mechanism of diazotisation, structure of benzene diazonium chloride, Replacement of diazo group by H, OH, F, Cl, Br, I, NO₂ and CN groups, reduction of diazonium salts to hydrazines, coupling reaction and its synthetic application.

21

May (16-30)

2. Nitro Compounds

Preparation of nitro alkanes and nitro arenes and their chemical reactions. Mechanism of electrophilic substitution reactions in nitro arenes and their reductions in acidic, neutral and alkaline medium.

Section-D

. Aldehydes and Ketones

Nomenclature and structure of the carbonyl group. Synthesis of aldehydes and ketones with particular reference to the synthesis of aldehydes from acid chlorides, advantage of oxidation of alcohols with chromium trioxide (Sarett reagent) pyridinium chlorochromate (PCC) and pyridinium dichromate., Physical properties. Comparison of reactivities of aldehydes and ketones. Mechanism of nucleophilic additions to carbonyl group with particular emphasis on benzoin, aldol, Perkin and Knoevenagel condensations. Condensation with ammonia and its derivatives. Wittig reaction. Mannich reaction. Oxidation of aldehydes, Baeyer-Villiger oxidation of ketones, Cannizzaro reaction. MPV, Clemmensen, Wolff-Kishner, LiAlH₄ and NaBH₄ reductions.

LESSON PLAN (April - June, 2022)

Name : Pooja Rani

Subject : Inorganic Chemistry

Class : B.Sc. (IVth sem)

June (1-10)

Section-A

Chemistry of f - block elements

Lanthanides

Electronic structure, oxidation states and ionic radii and lanthanide contraction, complex formation, occurrence and isolation, lanthanide compounds.

Section-B

Chemistry of f - block elements

Actinides

General features and chemistry of actinides, chemistry of separation of Np, Pu and Am from U, Comparison of properties of Lanthanides and Actinides and with transition elements.

June (11-20)

Section-C

Theory of Qualitative and Quantitative Inorganic Analysis-I

Chemistry of analysis of various acidic radicals, Chemistry of identification of acid radicals in typical combinations, Chemistry of interference of acid radicals including their removal in the analysis of basic radicals.

Section-D

Theory of Qualitative and Quantitative Inorganic Analysis-II

Chemistry of analysis of various groups of basic radicals, Theory of precipitation, co-precipitation, Post-precipitation, purification of precipitates.

PHYSICS - LESSON PLAN (APRIL JUNE, 2022)

NAME : KALYANI

SUBJECT : Properties of Matter, Kinetic Theory AND Relativity

CLASS : B.Sc (IInd SEM)

PAPER : PHY-201

Unit - I

MAY
(10-14) **Properties of Matter (Elasticity) :** Elasticity, Hooke's law, Elastic constants and their relations, Poisson's ratio, torsion of cylinder and twisting couple. Bending of beam (bending moment and its magnitude) cantilevers, Centrally loaded beam.

Unit - II

MAY
(16-21) **Kinetic Theory of Gases :** Assumptions of Kinetic Theory of gases, Law of equipartition of energy and its applications for specific heats of gases. Maxwell distribution of speeds and velocities (derivation required), Experimental verification of Maxwell's Law of speed distribution : most probable speed, average and r.m.s. speed, mean free path. Transport of energy and momentum, diffusion of gases. Brownian motion (qualitative), Real gases, Van der Waal's equation.

Unit - III

MAY
(23-28) **Theory of Relativity :** Reference systems, inertial frames, Galilean invariance and Conservation laws, Newtonian relativity principle, Michelson - Morley experiment : Search for ether. Lorentz transformations length contraction, time dilation, velocity addition theorem, variation of mass with velocity and mass energy equivalence.

PHYSICS - LESSON PLAN (APR 11 JUNE, 2022)

NAME: KALYANI

SUBJECT: ELECTROMAGNETIC INDUCTION AND ELECTRONIC DEVICES

CLASS : B.Sc (IInd SEM)

PAPER: PHY - 202

Unit I

MAY
JUNE
(30-4)

Electromagnetic Induction : Growth and decay of current in a circuit with (a) Capacitance and resistance (b) resistance and inductance (c) Capacitance and inductance (d) Capacitance resistance and inductance.

AC circuit analysis using complex variables with (a) capacitance and resistance, (b) resistance and inductance (c) capacitance and inductance (d) capacitance, inductance and resistance Series and parallel resonant circuit. Quality factor (Sharpness of resonance).

Unit II

JUNE
(6-11)

Semiconductor Diodes : Energy bands in solids. Intrinsic and extrinsic semiconductor, Hall effect, P-N junction diode and their V-I characteristics. Zener and avalanche breakdown. Resistance of a diode, Light Emitting diodes (LED). Photo conduction in semiconductors, photodiode, Solar Cell.

Diode Rectifiers : P-N junction half wave and full wave rectifier. Types of filter circuits (L and - with theory). Zener diode as voltage regulator, simple regulated power supply.

Transistors : Junction Transistors, Bipolar transistors, working of NPN and PNP transistors, Transistor conn (C-B, C-E, C-C mode), constants of transistor. Transistor characteristic curves (excluding h parameter and advantage of C-B configuration. C.R. O. (Principle, construction and working in detail).

Unit III

JUNE
(13-18
onwards)

Transistor Amplifiers : Transistor biasing, methods of Transistor biasing and stabilization. D.C. load line. Common-base and common-emitter transistor biasing. Common-base, common-emitter amplifiers. Classification of amplifiers. Resistance-capacitance (R-C) coupled amplifier (two stage; concept of band width, no derivation). Feed-back in amplifiers, advantage of negative feedback Emitter follower.

Oscillators : Oscillators, Principle of Oscillation, Classification of Oscillator. Condition for self sustained oscillation : Barkhausen Criterion for oscillations. Tuned collector common emitter oscillator. Hartley oscillator. Colpitt's oscillator.

Govt. College, Sec 9, Gurugram

Lesson Plan: 2021-22

Class: B. Com (Pass) 2nd Semester(C)

Name of the Assistant Professor: Kavita Dua

Subject: Financial accounting

April 2022	
	Topic Covered
Week 1	Meaning, Terms and characteristics of Hire Purchase System, Difference between HPP and Credit Sales, Methods of HPP, Explain first method of HPP and necessary accounts
Week 2	Calculation of cash price with its solved illustrations and Calculation of interest by different methods
Week 3	Transfer of asset to third party, Sale of asset by Hire purchaser and Numerical problems Second method: Asset accrual method, Goods of small value, Preparation of Hire purchase trading account and Numerical problems, Stock and debtor system in HPP and Numerical problems
Week 4	Branch Accounts; Meaning, types and its methods; Debtors method Final account method, Stock and debtor system
Week 5	Independent branches, Incorporation entries in the books of head office by different methods, Special transaction between head office and branch, Inter branch transaction and foreign branch
May 2022	
	Topic Covered
Week 1	Meaning of Department account, Difference between departmental accounts and branch accounts, Departmental trading and P & L account, General profit and loss account, Allocation of expenses with its solved illustrations, Inter departmental transactions with its solved illustrations
Week 2	Dissolution of Partnership firm: Meaning, modes and accounting procedure of dissolution firm and Numerical problems
Week 3	Insolvency of partner, Rule of Garner vs Murray with its solved illustrations
Week 4	Joint venture accounts, Joint venture accounting treatment
Week 5	Accounting treatment of maintaining Joint venture methods. Joint bank methods with its solved illustrations
June 2022	
	Topic Covered
Week 1	Amalgamation and sale of partnership firm to a company, accounting records in the books of old and new firm, Sale of partnership firm to a company, accounting records in the books of partnership firm
Week 2	Royalty accounts; Meaning, types, difference between rent and royalty, Important terms of royalty, Royalty in connection with mines and illustration
Week 3	Recoupment of each year's short working and practical problems
Week 4	Sub lease with its solved illustrations accounting records in connection with oil wells and Royalty in connection with brick making and patents

Signature of Teacher

Govt. College, Sec 9, Gurugram

Lesson Plan: 2021-22

Class: B.Com (Pass) 2nd Semester (C)

Name of the Assistant Professor: Kavita Dua

Subject: Business Management

April 2022	
	Topic Covered
Week 1	Staffing: concept, nature and scope, Matching job and people
Week 2	Recruitment and Selection and Training of employees
Week 3	Motivation-concept, Theories-Maslow, Herzberg, McGregor, Quchi and other theories
Week 4	Financial and Non-Financial Incentives
Week 5	Leadership: concept and Leadership styles and test
May 2022	
	Topic Covered
Week 1	Leadership Theories and test
Week 2	Communication Concept, Nature and assignment
Week 3	Types and Process, Barriers and Remedies
Week 4	Control: Concept, Process and assignment
Week 5	Control Techniques: Effective Control System and test
June 2022	
	Topic Covered
Week 1	Management of Change: Concept, Nature, Process of Planned Change: Resistance to Change and assignment
Week 2	Emerging Horizons of management in a changing environment and test
Week 3	Revision
Week 4	Revision

Signature of Teacher

Govt. College, Sec 9, Gurugram

Lesson Plan: 2021-22

Class: B.Com (Hons.) 2nd Semester

Name of the Assistant Professor: Kavita Dua

Subject: Business Management

April 2022	
	Topic Covered
Week 1	Development of Management Thought: Classical and Neo-classical approaches
Week 2	Modern approaches and Systems, contingency and Contemporary Approach to Management
Week 3	Process of Managing: Planning: Corporate Strategy – Environmental analysis and Diagnosis
Week 4	Formulation of Strategic Plan; Growth strategies – internal and external
Week 5	Decision-making – Concept, Process, Rationality and Technique
May 2022	
	Topic Covered
Week 1	Information Technology and Decision-Making, Decision support system and test
Week 2	Organizational Formats – Project, Matrix and Networking
Week 3	Staffing and test
Week 4	Management in Action:
Week 5	Motivation – Concept and Theories: Maslow, Herzberg, McGregor, and Ouchi theories and assignment
June 2022	
	Topic Covered
Week 1	Communication – formal and Informal Networks, Barriers and Principle
Week 2	Control: Concept and Process, Effective Control System, Modern Control Techniques – Stakeholder Approaches
Week 3	Accounting Measures (Integrated Ratio Analysis), and Economic and financial and Market Value added), Behavioral Aspect of Management Control
Week 4	Revision

Signature of Teacher

Govt. College, Sec 9, Gurugram

Lesson Plan: 2021-22

Class: B. Com (pass) 2nd Semester (C)

Name of the Assistant Professor: Kavita Dua

Subject: Business Environment

April 2022	
	Topic Covered
Week 1	Business Environment: concept, components and analysis and importance
Week 2	SWOT Analysis
Week 3	Trends in National income
Week 4	Trends in savings
Week 5	Trends in investment and test
May 2022	
	Topic Covered
Week 1	Tends in industrial Development
Week 2	Trade and balance of payments and test
Week 3	Unemployment and regional imbalances,
Week 4	Inflation
Week 5	parallel economy
June 2022	
	Topic Covered
Week 1	Industrial sickness and assignment
Week 2	Role of Govt. in Indian Economy: Monetary and Fiscal Policy
Week 3	Industrial Policy and Privatization
Week 4	Revision

Signature of Teacher

TEACHING PLAN

SESSION PLAN: 2021-22

CLASS: M.A ECONOMICS

SUBJECT: AGRICULTURAL ECONOMICS-II

SEM-IV

APRIL

Land Reforms in India: Agricultural Development and Tenurial conditions: Land Reforms - The Theoretical Issues (Meaning, Important changes caused by Land Reform and Objectives of Land Reforms); Land Reforms; Ceiling on Land Holdings; Implementation of Land Reforms in India. Strategy for Development of Indian Agriculture; The Green Revolution; Factors responsible for Green Revolution; Economics Benefits of Green Revolution; Measures for making Green Revolution all pervasive; Regional disparities created by Green Revolution; Inter-farm disparity in Income; Green Revolution and Employment. Trends in Migration and Labour markets; Minimum Wages Act.

MAY

Terms of Trade between Agriculture and Industry: Meaning; Impact of change in terms of trade in favour of and against agriculture; changes in terms of trade between agriculture and industry during the course of economic development; Terms of trade between agriculture and industry in India since Independence; Agricultural Marketing: Need for an efficient system of agricultural marketing; Efficiency of agricultural Marketing system in India; Measures to improve the efficiency of agricultural marketing in India. Cooperative movement in India - organization structure and development of different types of cooperatives in India. Agricultural Credit: Importance of agricultural credit; Sources (formal and informal), problems and Government policies since Independence. Capital formation in the rural sector - savings, assets and credits.

JUNE

Issues in Agriculture price policy: objectives of Agricultural Price Policy; Main elements of Agricultural Price Policy; Agricultural Price Policy in India: Its evolution; objectives of Price policy in India; Important constitution of Agriculture Price Policy in India; Critical Evaluation of India's Agriculture Price Policy; Need for Revision of Agricultural Price Policy in India. The New Economic Policy and Indian Agriculture: Macro Economic Stabilization measures; structural Adjustments in the Agricultural Sector. World Trade Organization and Indian Agriculture; Model of Production Debate: Private V /s Public investment in Agriculture; Trends in public and private investment in Indian Agriculture.

Ms. Savita

Department of Economics

TEACHING PLAN
SESSION PLAN: 2021-22
CLASS: B.A ECO (HONS)
SUBJECT: HISTORY OF ECONOMIC THOUGHT-II
SEM-VI

APRIL

Marxian Economics: Historical Materialism, Theory of Value, Theory of Capital Accumulation, Theories of Crisis.

MAY

Jevon's Theory of Value, Bohm-Bawerk's Theory of Capital. Walras's Theory of General Equilibrium. A General Overview of Marshall's Contribution.

JUNE

Features of Neo-classical economics. J.M Keynes and his contribution; Welfare Economics: Arrow and Social choice Theory; Rational Expectation Models and the New Classical Macro Economics

Ms. Savita

Department of Economics

TEACHING PLAN

SESSION PLAN: 2021-22

CLASS: B.A ECO (HONS)

SUBJECT: COMPUTER APPLICATION IN ECONOMIC ANALYSIS

SEM-IV

APRIL

Opening, saving and printing documents files, Editing and formatting of documents, inserting page Numbers and footnotes, Table: Auto Format and Properties, Inserting graphs and diagrams, Introduction to MS Power Point, Preparation of presentations in Power point using design template and Text structure layouts.

MAY

Introduction to Microsoft Excel: Creation of worksheets; Data entry, formatting, sorting and validation; Importing and exporting of data files, Uses of mathematical, financial and statistical function and what if analysis, Data Analysis: Correlation, Simple and Multiple Regression, One way ANOVA, Creation of diagrams and graphs.

JUNE

Networking of Computer: Intranet and Internet, LAN and WAN, Internet Explorer, Search engines, Emails, Computer, document and Internet Security, Antivirus-scanning and updates
Introduction to SPSS: Creation of data files, assigning names and labels to variables, sort cases, import/export of files, Computing variable, Data Analysis: Descriptive statistics, Comparing means, Simple Correlation analysis, ANOVA, Simple Regression Analysis, Preparation of graphs and diagrams.

Ms. Savita

Department of Economics

TEACHING PLAN

SESSION PLAN: 2021-22

CLASS: B.A (PASS)

SUBJECT: MICROECONOMICS – II

SEM-II

APRIL

Market Structures, Perfect Competition: Characteristics and assumptions, Price determination under perfect competition, Equilibrium of the firm and industry in the short period and the long period. Monopoly: Characteristics, Equilibrium of the monopoly firm in short period and long period, Concept of supply-curve under monopoly, Price discrimination, Measure of monopoly power.

MAY

Imperfect Market: Monopolistic competition, characteristics, short period and long period equilibrium of the firm, Group-equilibrium, selling costs, product differentiation, excess capacity. Oligopoly: Characteristics, emergence of oligopoly, cournot's model, Bertrand's model, Price rigidity, Price leadership, Collusive and non-collusive oligopoly.

JUNE

Market failure: Market efficiency, Reasons for Market failure, Public goods and externalities, transaction costs, asymmetric information, public policy towards monopoly and competition. Theory of factor pricing: Marginal productivity theory of distribution, Backward bending supply curve of labour, Ricardian and modern theory of rent, quasi-rent, net and gross interest, theories of interest, net and gross profit, theories of profit.

Ms. Savita

Department of Economics

TEACHING PLAN

SESSION PLAN: 2021-22

CLASS: B.A ECO (HONS)

SUBJECT: INTERNATIONAL ECONOMICS-II

SEM-VI

APRIL

Rationale of Protection: Tariff and non-tariff barriers to trade (Quota, voluntary export restraints, export subsidies, dumping and international cartel).

MAY

Economic Co-operation: Forms of Economic Co-operation, Static and Dynamic Effects of CustomUnion (Viner, Lipsey) and Free trade Area.

Ms. Savita

Department of Economics

Lesson Plan

Academic Session- 2021-22

B. Com (Hons) 6th Semester

Subject: Accounting For Manager

Name of the Teacher: Sandeep Yadav

April, 2022	Management Accounting: - evolution, meaning, objectives, nature, scope, functions, techniques and limitations. Financial Statements: -Forms of financial statements, uses, nature, importance, Limitations, approaches and tools of analysis. Ratio analysis: meaning, objectives, limitations; and types of ratios. Valuation of assets, Cash Flow Statement: meaning, objectives, limitations and accounting procedure.
May, 2022	Capital Budgeting: Meaning, nature, need, importance, the appraisal methods, Capital Rationing. Standard Costing: Meaning, advantages, limitation, applications, setting of standards, variance analysis, Including material variance, Labour variance and Overhead variance. Accounting for Price level Changes.
June, 2022	Marginal Costing: meaning, advantages, marginal costing and absorption costing. Cost-Profit-Volume Analysis: Break Even Point, Margin of Safety, P/V Ratio, Concept of key factor. Break-Even Chart and its types. Revision, Test and Assignment.

Signature

Lesson Plan

Academic Session- 2021-22

B. Com (P) 6th Semester

Taxation Law-II

Name of the Teacher: Sandeep Yadav

Month	Topics/ Chapters
April 2022	Rebate & Relief of Tax, computation of Total income and Tax liability of individuals. Filing and Filing of return (ITR – I and II)
May 2022	Assessment of Hindu Undivided Families, Assessment of Firms & Association of Persons. Income Tax authorities & their powers; procedure for assessment
June 2022	Deduction of Tax at Source (TDS); advance payment of tax. Recovery & refund of tax; appeals & revision; penalties, offences & prosecutions. Revision, Test and Assignment

Signature

Lesson Plan

Academic Session- 2021-22

B. Com (HONS) 4th Semester

Subject: Auditing

Name of the Teacher: Sandeep Yadav

April, 2022	Introduction: Meaning, objectives, basic principles and techniques, classification of audit. Audit Planning: Internal control, Internal check & Internal audit. Audit Procedure: Routine checking, Vouching, Verification & Valuation of Assets & Liabilities.
May, 2022	Audit of Limited Companies: Qualification, Appointment of company Auditors, their powers, duties and liabilities, Audit committees, Audit of depreciation and reserves. Audit Report: Meaning, objectives, contents and types. Investigation: Meaning, Nature and Objectives.
June, 2022	Tax audit, Management audit and Cost audit; Relevant Auditing and Assurance Standards (AASs). Revision, Test and Assignment

Signature

Lesson Plan

Academic Session- 2021-22

B. Com (P) 6th Semester

Subject: Auditing

Name of the Teacher: Sandeep Yadav

April, 2022	Auditing: Meaning, objectives, importance, and types of Auditing. Audit Process: internal control, internal check & internal audit, audit programmer. Audit Procedure: Routine checking, vouching. verification & valuation of assets & liabilities.
May,2022	Audit of Public Company: Qualification. Appointment of company Auditors, their powers, duties, and Liabilities. Audit of depreciation and reserves. Divisible profits & dividends.
June,2022	Audit Report and Investigation Audit Report: Meaning, objectives, contents, and types. Investigation: Meaning, Nature and objectives, Revision, Test and Assignment

Signature

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Shilpa thakral

Class: B. COM PASS (FINAL YEAR) Section: A

Nomenclature of the paper: Financial Management

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Introduction: Meaning, function, approaches scope and objectives of financial management
Week 2	Working Capital: meaning; nature, determinants, significance and estimation.
Week 3	Practical questions of Working Capital
Week 4	Cash management, Receivable management
Week 5	Cost of capital: Significance
May 2022	
Week 1	Classification of Cost of capital
Week 2	Capitalization: Over capitalization and under capitalization
Week 3	Leverage analysis: Operating, financial, composite leverage
Week 4	EBIT-EPS Analysis
Week 5	Capital Structure: Meaning, determinants, theories
June 2022	
Week 1	Theories of capital structure
Week 2	Dividend Decisions: Meaning; types, determinants and theories.
Week 3	Revision
Week 4	Revision

Shilpa Thakral

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Shilpa thakral

Class: B. COM PASS (FINAL YEAR) Section: A

Nomenclature of the paper: Taxation law

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Rebate & Relief of Tax
Week 2	computation of Total income
Week 3	Practical questions of total income
Week 4	Tax liability of individuals.
Week 5	Filling and Filing of return (ITR – I and II) & Assessment of Hindu Undivided Families
May 2022	
Week 1	Assessment of Firms
Week 2	Practical questions of Firms & Assessment of Association of Persons.
Week 3	Deduction of Tax at Source (TDS); advance payment of tax.
Week 4	Recovery & refund of tax; appeals & revision
Week 5	Income Tax authorities & their powers;
June 2022	
Week 1	Penalties, offences & prosecutions.
Week 2	procedure for assessment
Week 3	Revision
Week 4	Revision

Shilpa Thakral

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Shilpa thakral

Class: B. COM PASS (FINAL YEAR) Section: B

Nomenclature of the paper: Taxation law

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Rebate & Relief of Tax
Week 2	computation of Total income
Week 3	Practical questions of total income
Week 4	Tax liability of individuals.
Week 5	Filling and Filing of return (ITR – I and II) & Assessment of Hindu Undivided Families
May 2022	
Week 1	Assessment of Firms
Week 2	Practical questions of Firms & Assessment of Association of Persons.
Week 3	Deduction of Tax at Source (TDS); advance payment of tax.
Week 4	Recovery & refund of tax; appeals & revision
Week 5	Income Tax authorities & their powers;
June 2022	
Week 1	Penalties, offences & prosecutions.
Week 2	procedure for assessment
Week 3	Revision
Week 4	Revision

Shilpa Thakral

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Shilpa thakral

Class: B. COM PASS (FINAL YEAR) Section: A

Nomenclature of the paper: Cost accounting

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Process Costing : Meaning; Uses; Preparation of process account, Treatment of Normal Wastage
Week 2	Abnormal Wastage, Abnormal Effectiveness
Week 3	Treatment of opening and closing stock (Excluding Work in Progress); Joint - Product and By - Product: Main methods of apportionment of Joint cost.
Week 4	Inter process profits.
Week 5	Contract Costing – meaning, main features, preparation of contract account,
May 2022	
Week 1	Escalation clause; near completion; cost plus contract. Job and batch costing. contract
Week 2	Budgetary control – meaning of budget and budgetary control, budgetary control as a management tool, limitations of budgetary control, forecasts and budgets, installation of budgetary control system
Week 3	classification of budgets, fixed and flexible budgeting, performance budgeting,
Week 4	Zero based budgeting and responsibility accounting.
Week 5	Standard Costing : meaning, limitations, standard costs and budgeted costs, determination of standard cost, Cost variances, direct material and direct labour.
June 2022	
Week 1	Marginal Costing and Profit planning: Marginal costing, Absorption costing, Marginal cost, Cost volume Profit analysis,
Week 2	BEP Analysis, Key factor, BE chart, angle of incidence, concept of decisionmaking and steps involved, determination of sales mix, make or buy Decisions.
Week 3	Revision
Week 4	Revision

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Shilpa Thakral

Class: B. COM PASS (FINAL YEAR) Section: A

Nomenclature of the paper: International Marketing

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Nature and Concept of International Marketing; Domestic Vs International Marketing
Week 2	Opportunities and Challenges for marketing in International Environment ;
Week 3	Foreign market selection
Week 4	Entry modes in the International Market
Week 5	International product life cycle, Research and Information
May 2022	
Week 1	Pricing process and methods.
Week 2	International price quotations and payment terms
Week 3	Product designing and packaging
Week 4	Channel structure and selection decisions, Managing channel conflicts
Week 5	Selection and appointment of foreign sales agents, Basic export procedure and documentation.
June 2022	
Week 1	Methods of International product Promotion;
Week 2	Challenges in International advertising and media strategy
Week 3	Web marketing, Organising trade fairs and exhibitions
Week 4	Revision

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Nisha rani

Class: B. COM PASS (FINAL YEAR) Section: A

Nomenclature of the paper: AUDITING

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Meaning of auditing
Week 2	Auditing objectives , importance & types
Week 3	Audit process & programme meaning, preparation , audit notebook, methods, internal control, internal check
Week 4	Forms of internal control, internal check
Week 5	Internal audit, routine checking, voucher
May 2022	
Week 1	Completion of voucher, vouching of different books
Week 2	Meaning of verification, verification of different , types
Week 3	Meaning of valuation, methods, valuation of asset
Week 4	Appointment, power, duties and liabilities of an audit
Week 5	Depreciation & their methods, provision & reserve
June 2022	
Week 1	Divisible profits and dividends, Interim dividend
Week 2	Audit report contents, types of audit report
Week 3	Investigation, types of investigation & revision
Week 4	Revision of all important topics

NISHA RANI

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: NISHA RANI

Class: B. COM PASS (FINAL YEAR) Section: B

Nomenclature of the paper: AUDITING

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Meaning of auditing
Week 2	Auditing objectives , importance & types
Week 3	Audit process & programme meaning, preparation , audit notebook, methods, internal control, internal check
Week 4	Forms of internal control, internal check
Week 5	Internal audit, routine checking, voucher
May 2022	
Week 1	Completion of voucher, vouching of different books
Week 2	Meaning of verification, verification of different , types
Week 3	Meaning of valuation, methods, valuation of asset
Week 4	Appointment, power, duties and liabilities of an audit
Week 5	Depreciation & their methods, provision & reserve
June 2022	
Week 1	Divisible profits and dividends, Interim dividend
Week 2	Audit report contents, types of audit report
Week 3	Investigation, types of investigation & revision
Week 4	Revision of all important topics

Nisha rani

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: Nisha rani

Class: B. COM PASS (FIRST YEAR) Section: B

Nomenclature of the paper: Financial accounting-II

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Meaning of hire purchase, starting of 1 st total asset value method
Week 2	Total assets value method & numerical & revision
Week 3	Hire purchase 2 nd assets accrual method & numerical & revision
Week 4	Revision of hire purchase , meaning & aspect of branch account
Week 5	Methods of branch account, 1 st method debtors method
May 2022	
Week 1	Branch a/c, final acc & 3 rd stock drs. Method& their numerical
Week 2	Revision of branch acc and 4 th whole sale branch acc
Week 3	Branch acc revision & partnership acc(meaning, deed)
Week 4	Accounting procedure on dissolution firm & their numericals
Week 5	Completion of dissolution and students problem & revision , start of joint venture & accounting treatment
June 2022	
Week 1	Completion of joint venture, department acc, allocation of expenses, direct expenses & their numerical
Week 2	Indirect expenses, revision of joint venture, royalty acc
Week 3	Royalty acc & their numerical , amalgamation & sale of a partnership firm to company & their numerical
Week 4	Completion of amalgamation and revision

Nisha rani

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: NISHA RANI

Class: B. COM PASS (FINAL YEAR) Section: B

Nomenclature of the paper: Cost accounting

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	Process Costing : Meaning; Uses; Preparation of process account, Treatment of Normal Wastage
Week 2	Abnormal Wastage, Abnormal Effectiveness
Week 3	Treatment of opening and closing stock (Excluding Work in Progress): Joint - Product and By - Product: Main methods of apportionment of Joint cost.
Week 4	Inter process profits.
Week 5	Contract Costing – meaning, main features, preparation of contract account,
May 2022	
Week 1	Escalation clause; near completion; cost plus contract. Job and batch costing. contract
Week 2	Budgetary control – meaning of budget and budgetary control, budgetary control as a management tool, limitations of budgetary control, forecasts and budgets, installation of budgetary control system
Week 3	classification of budgets, fixed and flexible budgeting, performance budgeting,
Week 4	Zero based budgeting and responsibility accounting.
Week 5	Standard Costing : meaning, limitations, standard costs and budgeted costs, determination of standard cost, Cost variances, direct material and direct labour.
June 2022	
Week 1	Marginal Costing and Profit planning: Marginal costing, Absorption costing, Marginal cost, Cost volume Profit analysis,
Week 2	BEP Analysis, Key factor, BE chart, angle of incidence, concept of decisionmaking and steps involved, determination of sales mix, make or buy Decisions.
Week 3	Revision
Week 4	Revision

NISHA RANI

Department of Commerce, Government College Sector – 9, Gurugram

Name of the Assistant/Associate Professor: NISHA RANI

Class: B. COM PASS (FINAL YEAR) Section: B

Nomenclature of the paper: International Marketing

Lesson plan: from April 2022 to June 2022

April 2022	
Week 1	International marketing, introduction, internal marketing environment
Week 2	Foreign market selection and entry modes, product planning for international markets
Week 3	Product planning & international product life cycle
Week 4	Marketing research & information, branding, packaging
Week 5	Revision of all above topic
May 2022	
Week 1	Internal pricing, price quotation & payment term
Week 2	Revision of pricing & channel conflict
Week 3	International distribution, channel conflict
Week 4	Revision of channel conflict, selection & appointment of foreign sales agent
Week 5	Export procedure & documentation.
June 2022	
Week 1	Methods of International product Promotion;
Week 2	International advertising & media strategy
Week 3	Web marketing, Organising trade fairs and exhibitions
Week 4	Revision

Nisha rani

LESSON PLAN 2021-2022

Subject: Compulsory computer education (BA 1 pass, BA1 Eng.Hons)

Faculty: Ms. Hema Jandsalar

April 2022	Formatting document, finding and replacing text, format painter, Header and footer Drop cap, Auto- text, Autocorrect, spelling and grammar tool, document dictionary, Revision page formatting, bookmark, previewing and printing document, File management, test advance features of MS word, Mail merge, Macro, Tables, printing, styles
May 2022	Operating system:- definition and functions, basics of window, components of window, types of icons Taskbar, activating window, using desktop, Revision Title bar, exploring computer, running application, Test
june 2022	Introduction of MS-PowerPoint, creating, manipulating and enhancing slides Organizational chart, Excel chart, word art, revision Layering art objects, Animation and sounds, inserted animated pictures, recorded sound effects Revision and Test

LESSON PLAN 2021-2022

Subject: Compulsory computer education (BA 1 pass, BA1 Eco.Hons)

Faculty: Ms. seema

April 2022	Formatting document, finding and replacing text, format painter, Header and footer Drop cap, Auto- text, Autocorrect, spelling and grammar tool, document dictionary, Revision page formatting, bookmark, previewing and printing document, File management, test advance features of MS word, Mail merge, Macro, Tables, printing, styles
May 2022	Operating system:- definition and functions, basics of window, components of window, types of icons Taskbar, activating window, using desktop, Revision Title bar, exploring computer, running application, Test
june 2022	Introduction of MS-PowerPoint, creating, manipulating and enhancing slides Organizational chart, Excel chart, word art, revision Layering art objects, Animation and sounds, inserted animated pictures, recorded sound effects Revision and Test

LESSON PLAN 2021-22

Subject: MFCS (BCA 2nd Sem)

Faculty: Pooja Rani

April 2022	Measure of Central Tendency, Preparing frequency , distribution table Mean, Mode, Median, Measure of Dispersion: Range, Algorithms, merits and demerits, Exponentiation, How to compute fast exponentiation Linear Search, Binary Search, "Big Oh" notation, Worst case, Advantage of logarithmic algorithms over linear algorithms, complexity Graphs, Types of graphs, degree of vertex, sub graph, isomorphic and homeomorphism graphs
May 2022	Adjacent and incidence matrices, Path Circuit , Trees, Minimum distance trees Recursively defined function. Merge sort, Insertion sort, Bubble sort, and Decimal to Binary. Principle of Mathematical induction, GCD
June 2022	Euclidean algorithm LHRR, LHRRWCCs, DCRR. Recursive procedures, Fibonacci numbers, congruence's and equivalence relations Public key encryption schemes. Minimum weight and Minimum distance spanning trees Eulerian, Hamiltonian path circuit. Variance and Standard Deviations, Correlation and Regression.

Subject: Data Structure- II (BCA 4th Sem)

Faculty: Ms. Pooja Rani

April 2022	<p>Tree: Header nodes, Threads, Binary search trees, Searching, Insertion and deletion in a Binary search tree</p> <p>AVL search trees, Insertion and deletion in AVL search tree, m-way search tree</p> <p>Searching, Insertion and deletion in an m-way search tree, B-trees, Searching ,Insertion and deletion in a B-tree</p> <p>B+tree, Huffman's algorithm, General trees.</p>
May 2022	<p>Graphs: Warshall's algorithm for shortest path, Dijkstra algorithm for shortest path Operations on graphs, Traversal of graph, Topological sorting.</p> <p>Sorting: Internal & external sorting, Radix sort, Quick sort, Heap sort, Merge sort, Tournament sort, Searching: Liner search, binary search, merging</p>
June 2022	<p>Comparison of various sorting and searching algorithms on the basis of their complexity.</p> <p>Files: Physical storage devices and their characteristics, Attributes of a file viz fields, records, Fixed and variable length records, Primary and secondary keys, Classification of files, File Operations</p> <p>Comparison of various types of files, File organization: Serial, Sequential, Indexed-sequential, Random-access/Direct,</p> <p>Inverted, Multi list file organization. Hashing: Introduction, Hashing functions and Collision resolution methods.</p>

Subject: Client Side Programming(MCA 2nd Sem)**Faculty: Ms. Pooja Rani**

April 2022	Introduction: History of World Wide Web, HTML & HTTP, Scripting Language, Scripting v/s Non-Scripting Languages, Webpages: Static v/s dynamic, Anatomy of a Webpage, The Document Object Model & Containment Hierarchy, Object Referencing, Script and 'Script Foo' Tag, Script Library, Role of Browsers, Role of Operating System, Concept of Client Side Programming, Difference between ServerSide Programming and Client Side Programming, Necessity of Client-Side Programming, Pros and Cons of Client Side Programming. Client-Side Scripting Languages*: Brief introduction, basic features, relative advantages & disadvantages of popular Client-Side Scripting Languages: HTML, XHTML, CSS, Java Script, JQuery, React, Angular, Vue, VB Script, AJAX Javascript: The Javascript Language-History and Versions, Java v/s Javascript, JavaScript v/s VBScript Dynamic HTML & .javascript, Applications of Javascript.
May 2022	Javascript Programming Constructs: Variables and Data Types, Literals, Built in Objects String, Math and Date Objects; Data type conversion, Expressions and Evaluation, Operators, Control Structures, Functions: Function parameters, Variable Scope; Arrays: Creating, Accessing Array data, Parallel Arrays, Document objects in Arrays. Host Objects: introduction, The Window Object: Accessing Window properties & methods, creating window, Window Properties & Methods Location Object; History Object; Document Object; Link Object. Forms: Form Object, Form Controls as Objects: Text Related Objects, Button Object, Checkbox Object, Radio Object, Select Object, image Object & image Rollovers; Passing Form Data and Elements to Functions; Submitting & Pre-validating Forms. Scripting Frames: Frames: Parents & Children, Referencing among Family Members; Controlling Navigation Frames: Navigation Bars
June 2022	Java script Debuggers; Browsers and the Document Object Model (DOM), Levels-intrinsic Event Handling-Modifying Element Style-The Document Tree DOM Event Handling-Accommodating Noncompliant Browsers Properties of window.CSS: introduction and Features; Difference between css1, css2 & css3; style Rules, Style Rule Locations: style tag, External Style Sheets, Style definition in individual tags; CSS core syntax; Text properties; CSS box model: Box dimensions, Padding, Border, Margins;Selectors: Matching Element by Name, Universal Selector, Matching Element by class, Matching Element by identifier, Matching Element that contains a specific attribute, Matching child, descendent and adjacent sibling elements; Element Positioning; Control Element Visibility; inheritance; Pseudo Classes & PseudoElements; Shorthand Expression, Property Value Metrics. Styles & Formatting Fonts and Text Formatting: Web typography; Describing Fonts; Font Families; Font Style & Size; Colors & Backgrounds: Foreground & Background Color; Sizing Element's Background; Background Images; Repeating & Scrolling Background Images; Positioning Background Images. Tables Define Table Style; Control Table Attributes.

LESSON PLAN 2021-22

Class: MCA 2nd Sem

Subject: Theory of Computation and Compilers

Faculty: Ms. KANTA

April 2022	<p>Theory of Computation: Formal Language, Language Vs Grammar, Non-Computational Problems, Diagonal Argument, Russell's Paradox, Chomsky Hierarchy of Languages System Programming & Compiler: Introduction to System programs; Assembler Vs Compiler Vs Interpreter.</p> <p>Structure of a Compiler: Lexical Analysis, Syntax Analysis, Semantic Analysis, Intermediate Code Generation, Code Optimization, Code Generation, Symbol Table Management, Grouping of phases into passes.</p> <p>Compiler construction tools. Applications of Compiler Technology</p> <p>Lexical Analysis: The role of lexical analyser, Lexical Analysis vs Parsing, Specification of Tokens, Recognition of Tokens, Introduction to lex.</p>
May 2022	<p>Regular Language Models: Regular Languages, Regular Grammars, Regular Expressions, Properties of Regular Language, Pumping Lemma, Non-Regular Languages, Deterministic</p> <p>Finite Automaton (DFA), Non-Deterministic Finite Automaton (NFA), Equivalence of DFA and NFA.</p> <p>Syntax Analysis: Basic Concepts: Syntax definition, Parse Tree and Derivations, Ambiguity, Associativity & Precedence of Operations; Context Free Grammars Vs Regular Expressions;</p> <p>Lexical Analysis Vs Syntactical Analysis, Eliminating Ambiguity, Eliminating Left Recursion.</p>
June 2022	<p>Parsing: Top Down Parsing: Recursive Descent, Predictive Parsing, LL(1) Grammars, Bottom up Parsing: Reductions, Handle Pruning, LR parsing, LR Parser, LALR Parser; Introduction to Yacc</p> <p>Code Generation and Code Optimization: Control-flow, Data-flow Analysis, Local Optimization, Global Optimization, Loop Optimization, Peep-Hole Optimization, and Instruction Scheduling.</p> <p>Context Free Language: Pushdown Automaton (PDA), Non-Deterministic Pushdown Automaton (NPDA), Context Free Grammar, Chomsky Normal Form, Greibach Normal Form, Ambiguity</p> <p>Equivalence of PDA's and Context Free Grammars; Properties of Context Free Language. An introduction to the Turing Machine. Issue of unsolvable problems and computational complexity.</p> <p>Doubt Clearance, Test & Assignment</p>

Class: BCA 2nd Sem

Subject: 'C' Language

Faculty: Ms. KANTA

April 2022	<p>Overview of C: History of C, Importance of C, Elements of C: C character set, identifiers and keywords Data types, Constants and Variables, Assignment statement, Symbolic constant, Structure of a C Program, printf(), scanf() Functions</p> <p>Operators & Expression: Arithmetic, relational, logical, bitwise, unary, assignment, shorthand assignment operators, conditional operators and increment and decrement operators.</p> <p>Arithmetic expressions, evaluation of arithmetic expression, type casting and conversion, operator hierarchy & associativity.</p> <p>Decision making & branching: Decision making with IF statement, IF-ELSE statement Nested IF statement, ELSE-IF ladder, switch statement, goto statement, Decision making</p>
May 2022	<p>Looping: For, while, and do-while loop, jumps in loops, break, continue statement, Nested loops.</p> <p>Functions: Standard Mathematical functions, Input/output: Unformatted & formatted I/O function in C</p> <p>Input functions viz. getch(), getche(), getchar(), gets(), output functions viz., putchar(), puts(), string manipulation functions.</p> <p>Arrays, strings and pointers, User defined functions: Introduction/Definition, prototype,</p> <p>Local and global variables, passing parameters, recursion</p>
June 2022	<p>Initialization, processing an array, passing arrays to functions, Array of Strings. String constant and variables</p> <p>Declaration and initialization of string, Input/output of string data, Introduction to pointers.</p> <p>Storage classes in C: auto, extern, register and static storage class, their scope, storage, & lifetime.</p> <p>Algorithm development, Flowcharting and Development of efficient program in C. Doubt Clearance, Test & Assignment</p>

BCA 6TH Sem

Subject: INTRODUCTION TO .NET

Faculty: Ms. Kanta

April 2022	The Framework of .Net: Building blocks of .Net Platform (the CLR, CTS and CLS). Features of .Net, Deploying the .Net Runtime Architecture of .Net platform, Introduction to namespaces & type distinction. Types & Object in .Net, the evolution of Web development .Class Libraries in .Net, Introduction to Assemblies & Manifest in .Net Metadata & attributes, Class Libraries in .Net, Introduction to Assemblies & Manifest in .Net, Metadata & attributes
May 2022	Introduction to C#: Characteristics of C#, Data types., Value types, reference types, default value, constants Variables, scope of variables, boxing and unboxing . Operators and expressions: Arithmetic, relational, logical, bitwise, special operators. Evolution of expressions, operator precedence & associativity . : Control constructs in C#: Decision making, loops, Classes & methods.
June 2022	Class, methods, constructors, destructors, overloading of operators & functions. Inheritance & polymorphism: visibility control, overriding & methods, interfaces, abstract class & methods, sealed classes Advanced features of C#: Exception handling & error handling Automatic memory management, Input and output (Directories, Files, and streams. Doubt Clearance, Test & Assignment

Department of Commerce, GC Sec-9, Gurugram

Class: BBA VI SEM

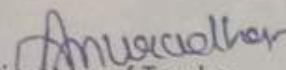
Paper: PAPER CODE: BBAN-602

Nomenclature of the Paper: SYSTEM ANALYSIS AND DESIGN

Lesson Plan: APRIL 2022 - JUNE 2022

APRIL 2022	
	Topic to be Covered
Week 1	Introduction to analysis and design: - System and its characteristics, components,
Week 2	environment and classification, SDLC, Case tools for analyst, role of system analyst
Week 3	ER data models, feasibility study - economic, technical, operational.
Week 4	Design of Application: - DFDs, form design, screen design
Week 5	report design, structure chart
MAY 2022	
	Topic to be Covered
Week 1	data base definition, equipment specification and selection,
Week 2	personnel estimates, I-O design.
Week 3	Implementation: - data dictionary, decision tables,
Week 4	decision trees, logical design to physical implementation.
Week 5	decision trees
JUNE 2022	
	Topic to be Covered
Week 1	logical design to physical implementation.
Week 2	designing distributed data base, event based real time analysis tools, state transition diagrams.
Week 3	REVISION
Week 4	TEST

Head of Department


Signature of Teacher

Name - Anuska Chatterjee
Dept - Commerce
Class - BBA

Department of Commerce, GC Sec-9, Gurugram

Class: BBA IInd sem

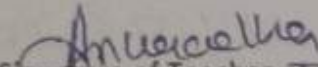
Paper: BBA

Nomenclature of the Paper: ORGANIZATIONAL BEHAVIOUR

Lesson Plan: APRIL-JUNE 2022

APRIL 2022	
	Topics to be covered
Week 1	Introduction - Concept and scope of organizational behavior
Week 2	Historical development of organizational behavior
Week 3	Emerging trends and changing profiles of workforce
Week 4	Foundations of organizational behavior,
Week 5	Challenges of organizational behavior
MAY 2022	
	Topics to be covered
Week 1	Foundations of individual behavior;
Week 2	Individual Processes - Personality, values,
Week 3	Attitudes, perception,
Week 4	learning and motivation,
Week 5	emotional intelligence: meaning, implications.
JUNE 2022	
	Topics to be covered
Week 1	Foundations of group behavior; Team Processes - And negotiation in workplace, power and politics
Week 2	Interpersonal communication, group dynamics, teams and teamwork, conflict
Week 3	Organizational processes - organizational structure and design, organizational culture,
Week 4	organizational change, development and stress management.
Week 5	TEST

Head of Department


Signature of Teacher

Department of Commerce, GC Sec-9, Gurugram

Class: BBA IV SEM

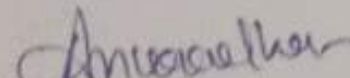
Paper: BBAN-405

Nomenclature of the Paper: DATA BASE MANAGEMENT SYSTEM

Lesson Plan: APRIL 20022-JUNE 2022

APRIL 2022	
	Topic Covered
Week 1	Introduction to data base management system - Data versus information, record, file
Week 2	data dictionary, database administrator, functions and responsibilities
Week 3	file-oriented system versus database system
Week 4	Database system architecture - Introduction
Week 5	schemas, sub schemas and instances; data base architecture,
MAY 2022	
	Topic Covered
Week 1	data independence, mapping, data models, types of database systems.
Week 2	Data base security - Threats and security issues
Week 3	firewalls and database recovery;
Week 4	techniques of data base security; distributed data base.
Week 5	Data warehousing and data mining - Emerging data base technologies, internet
JUNE 2022	
	Topic Covered
Week 1	database, digital libraries, multimedia data base, mobile data base, spatial data base.
Week 2	LAB WORK
Week 3	LAB WORK
Week 4	TEST AND REVISION

Head of Department


Signature of Teacher

Department of Commerce, GC Sec-9, Gurugram

Class: BBA IInd SEM

Paper: BBAN-204

Nomenclature of the Paper: COMPUTER APPLICATIONS IN MANAGEMENT

Lesson Plan: APRIL 2022-JUNE 2022

APRIL 2022	
	Topics to be covered
Week 1	UNIT-I Introduction to Computers – History, basic anatomy,
Week 2	operating system, memory, input/output devices; types of computers,
Week 3	
Week 4	classification of computers; hardware and software
Week 5	Networking – Advantage, types, devices and network connection, wireless networking; virus and firewalls
MAY 2022	
	Topics to be covered
Week 1	Introduction to information technologies browsers, , advantages and limitations,
Week 2	Multimedia applications in business; marketing and advertising; web applications of multimedia.
Week 3	IP addressing, web hosting
Week 4	Internet applications in business, chatting and e-mailing; computer applications
Week 5	use in offices, education, institutions, healthcare
JUNE 2022	
	Topics to be covered
Week 1	Data, information and types;
Week 2	web publishing, DSS, expert systems,
Week 3	Information systems, types – MIS, TPS, OAS,
Week 4	TEST AND REVISION

Head of Department

Anuska
Signature of Teacher

LESSON PLAN 2021-2022

Subject: Data Structure- II (BCA 4th Sem)

Faculty: Ms. Ritu Sharma

April 2022	Tree: Header nodes, Threads, Binary search trees, Searching, Insertion and deletion in a Binary search treeAVL search trees, Insertion and deletion in AVL search tree, m-way search tree,Searching, Insertion and deletion in an m-way search tree, B-trees, Searching ,Insertion and deletion in a B-treeB+tree, Huffman's algorithm, General trees.
May 2022	Graphs: Warshall's algorithm for shortest path, Dijkstra algorithm for shortest path Operations on graphs, Traversal of graph, Topological sorting. Sorting: Internal & external sorting, Radix sort, Quick sort, Heap sort, Merge sort, Tournament sort, Searching: Liner search, binary search, merging
June 2022	Comparison of various sorting and searching algorithms on the basis of their complexity.Files: Physical storage devices and their characteristics, Attributes of a file viz fields, records, Fixed and variable length records, Primary and secondary keys, Classification of files, File Operations ,Comparison of various types of files, File organization: Serial, Sequential, Indexed-sequential, Random-access/Direct, Inverted, Multi list file organization. Hashing: Introduction, Hashing functions and Collision resolution methods.

Subject: AI (BCA-VIth)

Faculty: Ritu Sharma

April 2022	Introduction to AI, Importance of AI, AI and its related field, AI Techniques, Criteria for success. Problems, problem space and search: Defining the problem as a state space search, Production system and its characteristics, Issues in the design of the search problem Heuristic search techniques : Generate and test, hill climbing, best first search technique, problem reduction, constraint satisfaction Knowledge Representation: Definition and importance of knowledge, Knowledge representation, Various approaches used in knowledge representation, Issues in knowledge representation
May 2022	Using Predicate Logic : Represent ting Simple Facts in logic, Representing instances and is_a relationship, Computable function and predicate. Natural language processing : Introduction syntactic processing, Semantic processing Discourse and pragmatic processing. Learning : Introduction learning,
June 2022	Rote learning, Learning by taking advice, Learning in problem solving Learning from example-induction, Explanation based learning. Expert System : Introduction, Representing using domain specific knowledge Expert system shells. constraint satisfaction Revision, test

Subject: Object Oriented Programming Using C++(BCA IVth)

Faculty: Ms. Ritu Sharma

April 2022	<p>Object Oriented Programming Concepts : Procedural Language and Object Oriented approach Characteristics of OOP, user defined types, polymorphism and encapsulation.</p> <p>Getting started with C++: syntax, data types, variables, string, function, namespace and exception, operators. flow control, recursion, array and pointer, structure . Abstracting Mechanism: classes, private and public. Constructor and Destructor , member function, static members, references; Doubt Clearance, Test &Assignment</p>
May 2022	<p>Memory Management: new, delete, object copying. copy constructor, assignment operator, this input/output Inheritance and Polymorphism: Derived Class and Base Class. Different types of Inheritance. Overriding member function, Abstract Class, Public and Private Inheritance, Ambiguity in Multiple inheritance Doubt Clearance, Test &Assignment</p>
June 2022	<p>Virtual function, Friend function, Static function. Exception Handling: Exception and derived class, function exception declaration, unexpected exception exception when handling exception, resource capture and release. template and Standard Template Library: Template classes, declaration. template functions, namespace, string, iterators, hashes, iostreams and other types. Doubt Clearance, Test &Assignment</p>

MCA 4TH SEM

SOFTWARE TESTING AND QUALITY ASSURANCE

Faculty: RENU SAINI

April 2022	<p>Testing Strategy and Environment: Minimizing Risks, Writing a Policy for Software Testing & Economics of Testing, Testing-an organizational issue, Management Support for Software Testing,</p> <p>Building a Structured Approach to Software Testing, Developing a Test Strategy Building Software Testing Process: Software Testing Guidelines, workbench concept, Customizing the Software Testing Process,</p> <p>Process Preparation checklist - Software Testing Techniques: Dynamic Testing - Black Box testing techniques, White Box testing techniques, Static testing, Validation Activities, Regression testing. Software Testing Strategies: Approach, issues; integration, incremental, System, alpha, Beta testing etc; comparative evaluation of techniques: Testing tools; Dynamic, analysis tools, test data generators, Debuggers, test drivers etc</p>
May 2022	<p>Technical Metrics for Software: Quality Factors, framework; Metrics for analysis, design, testing source code. Object Oriented Testing: introduction to Object Oriented testing, Path Testing, State Based Testing, Class Testing, Testing Web Applications: Web testing, Functional Testing</p> <p>User interface Testing, Usability Testing& Configuration and Compatibility Testing, Security Testing, Performance Testing, Database testing, Post Deployment Testing.</p> <p>Rational Rose Software: introduction, Features, Various types of software testing using Rational Rose</p>
June 2022	<p>Various types of software testing using Rational Rose</p> <p>Software quality Assurance and Standards: Software equality, Software equality Challenges, Software Quality factors. Software Quality Assurance: concept, components, importance and essence; FTR, structured walk through technique etc. Software Quality Management Standard</p> <p>Management and its role in Software quality Assurance, Quality Standards ISO9000 and Companion ISO Standards, CMM, CMMI</p>

Structured Systems Analysis and Design

Faculty: RENU SAINI

BCA 2ND SEM

April 2022	<p>Introduction to system, Definition and characteristics of a system, Elements of system, Types of system, System development life cycle, Role of system analyst, Analyst/user interface, System planning and initial investigation: Introduction</p> <p>Bases for planning in system analysis, Sources of project requests, Initial investigation, Fact finding, Information gathering, information gathering tools, Fact analysis, Determination of feasibility.</p> <p>Structured analysis, Tools of structured analysis: DFD, Data dictionary, Flow charts, Gantt charts</p>
May 2022	<p>decision tree, decision table, structured English, Pros and cons of each tool, Feasibility study: Introduction, Objective, Types, Steps in feasibility analysis</p> <p>Feasibility report, Oral presentation, Cost and benefit analysis: Identification of costs and benefits, classification of costs and benefits</p> <p>Methods of determining costs and benefits, Interpret results of analysis and take final action, System Design: System design objective, Logical and physical design, Design Methodologies, structured design, Form-Driven methodology(IPO charts),</p>
June 2022	<p>structured walkthrough, Input /Output and form design: Input design, Objectives of input design, Output design, Objectives of output design, Form design</p> <p>Classification of forms, requirements of form design, Types of forms, Layout considerations, Form control.</p> <p>System testing: Introduction, Objectives of testing, Test plan, testing techniques/Types of system tests, Quality assurance goals in system life cycle, System implementation, Process of implementation, System evaluation, System maintenance and its types, System documentation, Forms of documentation</p>

BCA 6TH SEM

Subject: INTRODUCTION TO .NET

Faculty: RENU SAINI

April 2022	The Framework of .Net: Building blocks of .Net Platform (the CLR, CTS and CLS). Features of .Net, Deploying the .Net Runtime Architecture of .Net platform, Introduction to namespaces & type distinction. Types & Object in .Net, the evolution of Web development .Class Libraries in .Net, Introduction to Assemblies & Manifest in .Net Metadata & attributes, Class Libraries in .Net, Introduction to Assemblies & Manifest in .Net, Metadata & attributes
May 2020	Introduction to C#: Characteristics of C#, Data types., Value types, reference types, default value, constants Variables, scope of variables, boxing and unboxing. Operators and expressions: Arithmetic, relational, logical, bitwise, special operators. Evolution of expressions, operator precedence & associativity . Control constructs in C#: Decision making, loops, Classes & methods.
June 2022	Class, methods, constructors, destructors, overloading of operators & functions. Inheritance & polymorphism: visibility control, overriding & methods, interfaces, abstract class & methods, sealed classes Advanced features of C#: Exception handling & error handling Automatic memory management, Input and output (Directories, Files, and streams).

Lesson Plan
Session - 2021-22
Class – B.A. (Eco. Hons)
Semester – 6th
Subject: Human Resource Development

MAY

Functioning of Market for Human Resources: Internal allocation and brain drain, asymmetric information and functioning of the human resource market; Migration (Theories, and the emerging challenges); Managing Human Resources (wages, incentives- productivity relationship, economics of discrimination).

JUNE

Human Resource Management Practices: Human Resource Management in developed countries, and India (in Public Enterprises and small undertakings); Emerging human resource management concepts and systems in the new millennium; Human Resource Information System

NIRUPMA

DEPARTMENT OF ECONOMICS

Lesson Plan
Session - 2021-22
Class – B.A. (Eco. Hons)
Semester – 6th
Subject: International Economics - II

MAY

World Trade Organisation: WTO and India, Recent change in the direction and composition of India's foreign trade.

JUNE

Multi-National Corporation: Working and regulations of MNC's in India, Export Promotion and Import Substitution, and Recent import and export policies.

NIRUPMA

DEPARTMENT OF ECONOMICS

Lesson Plan
Session - 2021-22
Class - B.Com(I)
Semester – 2nd
Subject: Business Economics-II

MAY

Marginal Productivity Theory and demand for factors; nature of supply of factor inputs, Determination of wage rates under perfect competition and monopoly. Exploitation of labour; Rent- Concept, Ricardian concept and Modern Theories of rent; Quasi Rent.

JUNE

Interest- concept and Theories of interest; Profit- nature, concept and theories of profit, break-even point analysis.

NIRUPMA

DEPARTMENT OF ECONOMICS

Lesson Plan
Session 2021-22
Class M.A. – I (Economics)
Semester – 2nd
Subject: Macro Economics-II

MAY

Inflation and unemployment: The Phillips Curve, The Inflationary Pressure Curve: Phillips Curve, Inflationary Pressure Curve and the Rate of Inflation. The Phillips Curve; Trade off and Non Trade Off. Adaptive Expectation and Rational Expectation Keynesianism Vs Monetarism.

JUNE

Trade Cycles – Models of Samuelson, Hicks and Kaldor, Economic Growth: Harrod- Doman Model; Neo-Classical Model (with money & without money). International Adjustment: The Determination of National Income in Open Economy; The International Transmission of Disturbance: Transmission under Fixed Exchange Rate; Transmission under Floating Exchange Rate (Mudel Fleming Model).

NIRUPMA

DEPARTMENT OF ECONOMICS

Lesson Plan
Session 2021-22
Class M.A. – I (Economics)
Semester – 2nd
Subject: Economics of Growth & Development – II

MAY

Objects and role of monetary and fiscal policies in economics development; Choice of techniques and appropriate technology; Investment Criteria; Cost-benefits analysis.

JUNE

Techniques of planning; Plan Models in India; Planning in a market-oriented economy; Endogenous growth; role of education research and knowledge – Explanation of Cross country differentials in economic development and growth.

NIRUPMA

DEPARTMENT OF ECONOMICS

Lesson Plan (1st April 2022 to 20th June 2022)

Class: BCA 6th Semester

Subject: Object Technologies & Programming Using Java

Faculty: MONIKA YADAV

April 2022	Object-Oriented Languages: Java's History, Creation of Java, Internet & Java, Byte-code, Its Features, Java Program Structure and Java's Class Library, Data Types, Variables, and Operators, Operator Precedence; Selection Statements, Scope of Variable, Iterative Statement; Defining Classes & Methods, Creating Objects of a Class, Defining and Using a Class, Automatic Garbage Collection. Arrays and Strings: Arrays, Arrays of Characters, String Handling Using String Class, Operations on String Handling Using, String Buffer Class. Classes and Inheritance: Using Existing Classes, Class Inheritance, Choosing Base Class, Multiple Levels of Inheritance, Abstraction through Abstract Classes, Using Final Modifier, Packages: Understanding Packages, Defining a Package, Packaging up Your Classes, Adding Classes from a Package to Your Program,
May 2022	Understanding CLASSPATH, Standard Packages, Access Protection in Packages, Concept of Interface. Exception Handling: The concept of Exceptions, Types of Exceptions, Dealing with Exceptions, Exception Objects, Defining Your Own Exceptions. Multithreading Programming: The Java Thread Model, Understanding Threads, The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities, Synchronization, Input/output in Java: I/O Basic, Byte and Character Structures, I/O Classes, Reading Console Input Writing Console Output, Reading and Writing on Files, Random Access Files, Storing and Retrieving Objects from File, Stream Benefits.
June 2022	Creating Applets in Java: Applet Basics, Applet Architecture, Applet Life Cycle, Simple Applet Display Methods, The HTML APPLET Tag Passing Parameters to Applets, Working with Windows: AWT Classes, Window Fundamentals, Working with Frame, Creating a Frame Window in an Applet; Displaying Information within a Window, Working with Graphics and Texts: Working with Graphics, Working with Color, Setting the Paint Mode, Working with Fonts, Managing Text Output; Using Font Metrics, Exploring Text and Graphics, Working with AWT Controls, Layout Managers and Menus.

Class: BCA 4th Semester
Subject: Web Designing
Faculty: MONIKA YADAV

April 2022	Introduction to Internet and World Wide Web; Evolution and History of World Wide Web; Basic features; Web Browsers; Web Servers; Hypertext Transfer Protocol, Overview of TCP/IP and its services; URLs; Searching and Web-Casting Techniques; Search Engines and Search Tools;
May 2022	Web Publishing: Hosting your Site; Internet Service Provider; Web terminologies, Phases of Planning and designing your Web Site; Steps for developing your Site; Choosing the contents; Home Page; Domain Names, Front page views, Adding pictures, Links, Backgrounds, Relating Front Page to DHTML. Creating a Website and the Markup Languages (HTML, DHTML); Web Development: Introduction to HTML; Hypertext and HTML; HTML Document Features; HTML command Tags; Creating Links; Headers; Text styles; Text Structuring; Text colors and Background; Formatting text; Page layouts;
June 2022	Images; Ordered and Unordered lists; Inserting Graphics; Table Creation and Layouts; Frame Creation and Layouts; Working with Forms and Menus; Working with Radio Buttons; Check Boxes; Text Boxes; DHTML: Dynamic HTML, Features of DHTML, CSSP(cascading style sheet positioning) and JSSS(JavaScript assisted style sheet), Layers of netscape, The ID attributes, DHTML events.

Class: MCA 4th Semester
Subject: Advance DBMS
Faculty: MONIKA YADAV

April 2022	<p>Introduction to Advance Database Systems: Overview of advance database systems, their importance and Applications; EER Model -The ER model revisited, EER model: Super classes, Subclasses, inheritance, Specialization and Generalization, Constraints and characteristics of specialization and Generalization, Category, Object Model: Overview of Object-Oriented concepts, Object identity, Object structure, Type constructors, Encapsulation of operations, Methods, and Persistence, Type hierarchies and inheritance, Complex objects, Schema design for OODBMS, OQL, Persistent Programming language, OODBMS architectures and storage issues, Transaction and concurrency control. Object Relational Database and information Retrieval Database design for an ORDBMS - Nested relations and collections; Storage and access methods, Query processing and Optimization, Advance Querying: User define data types, manipulating objects table, object views; Information Retrieval & ways to retrieve information.</p>
May 2022	<p>Parallel Database: Architectures for parallel databases, Inter and Intra Query parallelism, Inter and intra Query operations, Parallelizing individual operations, Sorting, Joins, and Pipelining. Distributed Database: Architectures for Distributed Database, Data fragmentation, Replication, and Allocation Techniques for Distributed Database Design, Query processing in Distributed Databases; Concurrency Control and Recovery in Distributed Databases. Overview of Client Server Architectures: Centralized and Client-Server architectures, Server architectures.</p> <p>Enhanced Data Models for Advanced Applications: Active database- syntax and semantics (082, Oracle), applications, design principles for active rules, Temporal database concepts, Spatial databases, Deductive databases</p>
June 2022	<p>Emerging Database Technologies: Mobile databases, Multimedia Databases, Geographic Information systems (GIS); XIML and Internet Database Structured, Semi-structured and Unstructured Data, introduction to web databases and XML, Structure of XML data.</p> <p>Data Warehouse and OLAP Technology: Need for data warehouse, Definition, Goals of data Warehouse, Challenges faced during Warehouse Construction, Advantages, Types of Warehouse: Data Mart, Virtual Warehouse and Enterprise Warehouse, Components of Warehouse: Fact data, Dimension data, Fact table and Dimension table, Designing fact tables; Pre-requisite Phases: Extract, Transform and load process; Warehouse Schema: star, snowflake and galaxy schemas; OLTP vs. OLAP, Strengths of OLAP, Applications of OLAP. Multidimensional data models: Data Cubes & Data Cuboids, Lattice; OLAP operations: Advantages, Types: Roll up, Drill down, Pivot, Slice & Dice operations, Applications of OLAP Server: Need, Types of ROLAP, MOLAP and HOLAP, Features; Data Warehouse implementation, introduction to Efficient computation of data cubes.</p>

Government College, Sector 9 Gurugram (2021-22)

Name of Assistant Professor – Monika Schrawat
Subject – Sociology
Paper-Society culture and social change
2022

Class – B.A. 1st Year
Semester – 2nd
Session – April 2022 to June

DATE	B.A. 1 st year
1-4-22 to 15-4-22	Introduction to Tribal, and Rural society Its Nature, Definition & Types Urban, Industrial and Post Industrial: Its Nature, Definition & Types
16-4-22 to 30-4-22	Culture: Its Nature, Definition & Types: Material and Non-Material Culture;
1-5-22 to 15-5-22	Socialization: Its Importance Processes and Stages; Social Control: Its Types and Means
16-5-22 to 31-5-22	Processes of Social Change: Industrialization, Secularization, Modernization, Globalization: Its Nature & Impact on Society
1-6-22 to 15-6-22	Concepts and Basis of Social Stratification: Caste, Class, Power & Gender
16-6-22 to till examination	Assignment and presentation, Discussion of doubts and problems of students

Government College, Sector 9 Gurugram

Name of Assistant Professor – Monika Sehrawat
2nd Year
Subject – Sociology
Paper-Indian Society
2022

Class – B.A.

Semester – 4th
Session – April 2022 to June

DATE	B.A. 2nd year
1-4-22 to 15-4-22	Evolution of Indian Society: Traditional view of Indian Society; Factors Promoting Unity and Diversity in India; India as Pluralistic Society, Multi-Ethnic; Multi-Religious; Cultural and Lingual
16-4-22 to 30-4-22	Indian Social Institutions: Kinship, Family, Marriage; Caste and its Changing Dimensions.
1-5-22 to 15-5-22	Processes of Social Change in India: Sanskritization, Westernization Parochialization and Universalization
16-5-22 to 31-5-22	Social Issues and Problems: Gender Discrimination, Secularism and Religious, Minorities, Problems of Dalits, Women and OBC and Affirmative Actions
1-6-22 to 15-6-22	, Revision of entire syllabus Assignment and presentation Discussion on examination pattern
16-6-22 to till examination	Discussion of doubts and problems of students

Government College, Sector 9 Gurugram

Name of Assistant Professor – Monika Sehwat
Subject – Sociology
Paper- Rural Society: Structure and Change
2022

Class – B.A. 3rd Year
Semester – 6th
Session – April 2022 to June

DATE	B.A. 3rd year
1-4-22 to 15-4-22	Introduction to Rural Sociology: Origin of Rural Sociology, Nature, Subject Matter and Importance of the Study of Rural Sociology
16-4-22 to 30-4-22	Rural Social Structure: Caste and Class in Rural Set Up Inter Caste Relations and Jajmani System, Rural Family and Changing pattern
1-5-22 to 15-5-22	Rural Economy: Land Tenure, Land Reforms, Green Revolution and Its Impact,
16-5-22 to 31-5-22	Bonded and Migrant Labourers, Trends of Change in Rural Society
1-6-22 to 15-6-22	Rural Political Structure: Traditional Caste Panchayats, Panchayat before and after 73rd Amendment New Panchayati Raj and Empowerment of Women
16-6-22 to till examination	Revision and Test Assignment and presentation

Government College, Sector 9 Gurugram (2021-22)

Name of Assistant Professor – Moniks Sehrawat
Subject – Sociology
Paper-Society culture and social change
2022

Class – Economics (Hons)
Semester – 2nd
Session – April 2022 to June

DATE	B.A. 1 st year
1-4-22 to 15-4-22	Introduction to Tribal, and Rural society Its Nature, Definition & Types Urban, Industrial and Post Industrial: Its Nature, Definition & Types
16-4-22 to 30-4-22	Culture: Its Nature, Definition & Types: Material and Non-Material Culture;
1-5-22 to 15-5-22	Socialization: Its Importance Processes and Stages; Social Control: Its Types and Means
16-5-22 to 31-5-22	Processes of Social Change: Industrialization, Secularization, Modernization, Globalization: Its Nature & Impact on Society
1-6-22 to 15-6-22	Concepts and Basis of Social Stratification: Caste, Class, Power & Gender
16-6-22 to till examination	Assignment and presentation, Discussion of doubts and problems of students

Government College, Sector 9 Gurugram (2021-22)

Name of Assistant Professor – Ravi Deswal
Subject – Sociology
Paper-Society culture and social change
2022

Class – B.A. 1st Year
Semester – 2nd
Session – April 2022 to June

DATE	B.A. 1 st year
1-4-22 to 15-4-22	Introduction to Tribal, and Rural society Its Nature, Definition & Types Urban, Industrial and Post Industrial: Its Nature, Definition & Types
16-4-22 to 30-4-22	Culture: Its Nature, Definition & Types: Material and Non-Material Culture;
1-5-22 to 15-5-22	Socialization: Its Importance Processes and Stages; Social Control: Its Types and Means
16-5-22 to 31-5-22	Processes of Social Change: Industrialization, Secularization, Modernization, Globalization: Its Nature & Impact on Society
1-6-22 to 15-6-22	Concepts and Basis of Social Stratification: Caste, Class, Power & Gender
16-6-22 to till examination	Assignment and presentation, Discussion of doubts and problems of students

Government College, Sector 9 Gurugram

Name of Assistant Professor – Ravi Deswal
Subject – Sociology
Paper-Rural Society: Structure and Change

Class – B.A. 3rd Year
Semester – 6th
Session – April 2022 to June 2022

DATE	B.A. 3rd year
1-4-22 to 15-4-22	Introduction to Rural Sociology: Origin of Rural Sociology, Nature, Subject Matter and Importance of the Study of Rural Sociology
16-4-22 to 30-4-22	Rural Social Structure: Caste and Class in Rural Set Up Inter Caste Relations and Jajmani System, Rural Family and Changing pattern
1-5-22 to 15-5-22	Rural Economy: Land Tenure, Land Reforms, Green Revolution and Its Impact,
16-5-22 to 31-5-22	Bonded and Migrant Labourers, Trends of Change in Rural Society
1-6-22 to 15-6-22	Rural Political Structure: Traditional Caste Panchayats, Panchayat before and after 73rd Amendment New Panchayati Raj and Empowerment of Women
16-6-22 to till examination	Revision and Test Assignment and presentation

Lesson Plan (1st April 2022- 20th June 2022)

Class: BCA-2ND YEAR

Subject: BCA-209 SOFTWARE ENGINEERING

Faculty: MS. SHEELA SHARMA

April 2022	Introduction: Software Crisis, Software Processes & Characteristics, Software life cycle models, Waterfall, Prototype, Evolutionary and Spiral Models. Software Requirements Analysis & Specifications: Requirement engineering, requirement elicitation techniques like FAST, QFD, requirements analysis using DFD, Data dictionaries & ER Diagrams, Requirements documentation, Nature of SRS, Characteristics & organization of SRS . Software Project Management Concepts: The Management spectrum, The People The Problem, The Process, The Project.
May 2022	Software Project Planning: Size Estimation like lines of Code & Function Count, Cost Estimation Models, COCOMO, Risk Management. UNIT - III Software Design: Cohesion & Coupling, Classification of Cohesiveness & Coupling, Function Oriented Design, Object Oriented Design, Software Metrics: Software measurements: What & Why, Token Count, Halstead Software Science Measures, Design Metrics, Data Structure Metrics Software Implementation: Relationship between design and implementation, Implementation issues and programming support environment, Coding the procedural design, Good coding style.
20 June 2022	Software Testing: Testing Process, Design of Test Cases, Types of Testing, Functional Testing, Structural Testing, Test Activities, Unit Testing, Integration Testing and System Testing, Debugging Activities. Software Maintenance: Management of Maintenance, Maintenance Process, Reverse Engineering, Software Re-engineering, Configuration Management, Documentation.

Lesson Plan (1st April 2022- 20th June 2022)

Class: BCA-2ND YEAR

Subject: BCA-307 Object Technologies & Programming using Java

Faculty: MS. SHEELA SHARMA

April 2022	Object-Oriented Languages: Java's History, Creation of Java, Internet & Java, Byte-code, Its Features, Java Program Structure and Java's Class Library, Data Types, Variables, and Operators, Operator Precedence; Selection Statements, Scope of Variable, Iterative Statement; Defining Classes & Methods, Creating Objects of a Class, Defining and Using a Class, Automatic Garbage Collection. Arrays and Strings: Arrays, Arrays of Characters, String Handling Using String Class, Operations on String Handling Using, String Buffer Class. Classes and Inheritance: Using Existing Classes, Class Inheritance, Choosing Base Class, Multiple Levels of Inheritance, Abstraction through Abstract Classes, Using Final Modifier, Packages: Understanding Packages, Defining a Package, Packaging up Your Classes, Adding Classes from a Package to Your Program,
May 2022	Understanding CLASSPATH, Standard Packages, Access Protection in Packages, Concept of Interface. Exception Handling: The concept of Exceptions, Types of Exceptions, Dealing with Exceptions, Exception Objects, Defining Your Own Exceptions. Multithreading Programming: The Java Thread Model, Understanding Threads, The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities, Synchronization, Input/output in Java: I/O Basic, Byte and Character Structures, I/O Classes, Reading Console Input Writing Console Output, Reading and Writing on Files, Random Access Files, Storing and Retrieving Objects from File, Stream Benefits.
June 2022	Creating Applets in Java: Applet Basics, Applet Architecture, Applet Life Cycle, Simple Applet Display Methods, The HTML APPLET Tag Passing Parameters to Applets, Working with Windows: AWT Classes, Window Fundamentals, Working with Frame, Creating a Frame Window in an Applet; Displaying Information within a Window, Working with Graphics and Texts: Working with Graphics, Working with Color, Setting the Paint Mode, Working with Fonts, Managing Text Output; Using Font Metrics, Exploring Text and Graphics, Working with AWT Controls, Layout Managers and Menus.

Lesson Plan (1st April 2022- 20th June 2022)

Class: MCA-2ND YEAR

Subject: The JAVA Programming Language (MCA-203)

Faculty: MS. SHEELA SHARMA

April 2022	The History and Evolution of Java of JAVA, features of JAVA: - Platform independent, Robust etc., JAVA Environment. Hardware and Software Requirements, Byte Code, Installing JDK, Difference between C++ and JAVA, Command-Line Arguments, Environment Variables, System Utilities. Command-Line I/O Objects. PATH and CLASSPATH. JAVA as Programming Language: Java as Object Oriented Language, JAVA Program Structure, JAVA literals, Data Type, Variable & Arrays in JAVA. JAVA Programming Constructs: Operators and Expressions, Precedence Rules and Associativity, Type conversion and casting, Control Structures in JAVA.
May 2022	JAVA Object Oriented Basics: Classes and Objects in JAVA, Variables & Methods in Classes: declaration and invocation, constructors and garbage collection, static and this keywords. Inheritance in JAVA: Types, Access Specifies, Class vs. Interface, Extending vs. Implementation of Interface, overloading vs. overriding, Abstract Class, super & final keywords. JAVA as Internet Programming Language: Applets: difference from normal application, life cycle, Applet tag, Passing parameters and display output. AWT: Basics, Component and Container Layouts, AWT vs. Swings, Exception Handling: The concept of Exceptions. Types of Exceptions. Dealing with Exceptions, Exception Objects, Defining Your Own Exceptions
20 June 2022	Multithreading Programming: The Java Thread Model. Understanding Threads, The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities. Synchronization. Input/output in Java: I/O Basic, Byte and Character Structures, I/O Classes, Reading Console Input Writing Console Output, Reading and Writing on Files. Random Access Files, Storing and Retrieving Objects from File, Stream Benefits.

Lesson Plan: 2021-22 Even Semester

BA Eng Hons Sem 4 English Drama

April 2022: The following areas shall be covered:

- **Introductory lectures on Comedy of Manners and Evolution of Drama.**
- **‘Love for Love ‘ by William Congreve- Text Discussion.**
- **‘Love for Love’- Discussion of main themes , questions and characters.**

May 2022:

- **‘School for Scandal ‘ by Richard Sheridan-Discussion of text.**
- **‘School for Scandal’ – A detailed analysis of characters and possible questions.**

June 2022:

- **The Spectator by Joseph Addison and Richard Steele- Essay nos- 1,2,10,39,40,42,68,82 and 144.**
- **Revision of the syllabus and tests.**

Dr Meenakshi Dalal

Associate Professor of English

Lesson Plan: 2021-22

BA Eng Hons Sem 6

English Drama (1914-1968)

April 2022: Beginning with introductory lectures on Evolution of Drama , and a discussion of the authors prescribed for study, the following texts will be covered:

- ‘ Murder in the Cathedral’ by T S Eliot – A detailed discussion of the text.
- ‘ Murder in the Cathedral’ – Discussion of major questions and themes.

May 2022:

- Introductory lectures on Historical Drama and G B Shaw.
- GB Shaw- ‘ Saint Joan’- A detailed discussion of text.
- ‘ Saint Joan’ – Discussion of questions and historical perspectives.

June 2022:

- Introduction to post war ‘ Kitchen Sink Drama’.
- ‘ Look Back in Anger’ by John Osborne- A detailed analysis of the text.
- ‘ Look Back in Anger’ – Discussion of questions and man themes.
- Revision tests of the whole syllabus.

Dr Meenakshi Dalal

Associate Professor of English

Lesson Plan: 2021-22

BA Pass Course Sem 2 English Compulsory

April 2022:

- ‘ Pigeons at Daybreak’ by Anita Desai- Text
- ‘ Pigeons at Daybreak’- Exercise.
- ‘ With the Photographer’ by Stephen Leacock- Text
- ‘ With the Photographer’- Exercise.
- ‘ The Journey’ by Temsula Ao-Text
- ‘ The Journey- Exercise.

May 2022:

- ‘The Refugee’by K A Abbas- Text
- ‘The Refugee’ -Exercise.
- ‘ Bellows for the Bullock’- Text
- ‘Bellows for Bullock’- Exercise
- ‘ Panchlight’ -Phanishwar Nath Renu- Text and Exercise

June 2022:

- ‘ The Child’ by Premchand- Text and Exercise.
- ‘The Blind Dog’ by RK Narayan-Text and Exercise.
- Phonetics
- Grammar
- Revision Tests.

Dr Meenakshi Dalal

Associate Professor of English

Lesson Plan: 2021-22

BA Pass Course Sem 6 English Compulsory

April 2022:

- **Introductory Lectures on Evolution of Drama.**
- **Discussion of Shakespeare's life.**
- **Background study of Elizabethan Age.**
- **A detailed discussion on Romantic Comedy .**
- **' The Merchant of Venice' by William Shakespeare.**
- **' The Merchant of Venice' – A detailed discussion of text.**
- **'The Merchant of Venice' – Discussion of Questions and characters.**

May 2022:

- **'The Merchant of Venice' -Reference to Context practice.**
- **Watching the movie- ' The Merchant of Venice'.**
- **Discussion on the film based on the play and the imp scenes.**

June 2022:

- **Comprehension practice.**
- **Summary practice.**
- **Abstract and Precis practice.**
- **Letters- Formal and Informal.**
- **One word substitution.**
- **Tests and Revision.**

Dr Meenakshi Dalal (Assoc Prof of English)

Lesson Plan

Class : BAJMC 2nd Sem

Sub : Introduction to Mass Communication

Week -1

Mass Communication : Concept and Definitions

Characteristics of Audience of Mass Media

Week – 2

Types of Mass Media, Advantages and Limitations of Mass Media

Week – 3

Tools of Mass Communication, Mass Media and Society

Week – 4

Traditional Media, Folk Media

Week – 5

Communication Model, SMR – SMCR, Aristotle and Laswell Model

Week – 6

Berlo Model, Shannon and Weaver Model, Osgood Mode

Week – 7

Communication Theory

Bullet Theory, Two Step flow and multi step flow theory

Week – 8

Individual difference Theory, Cultivation Theory

Week – 9

Agenda Setting Theory

Week – 10

Revision

Week – 11

Revision

Week – 1

Principles of Radio Writing

Radio News, Radio Feature

Week -2

Radio Talk

Radio Drama

Week – 3

Principles of Television Writing

Television News, Television Drama, TV Serial TV Ad,

Week – 4

Tele Film, TV Documentary, Reviews

Week -5

Principles of Cinema Writing, Screenplay Writing of Feature Film

Week – 6

Film Review

Week – 7

Travel Reportage , Writing about Food

Week – 8

CVs , Job Application

Week – 9

Press Releases

Week – 10

Revision

Week – 11

Revision

Week – 1

Introduction to Internet

History of Internet

Week -2

Reach and access of Internet in India

Applications of Internet

Week – 3

Online Journalism

News Websites

Week – 4

Online aesthetics

Week -5

Online writing and Editing, Participatory Journalism

Week – 6

Blogging, Podcasting, Video casting

Week – 7

Web Team,

Week – 8

Web and its uses in Media

Week – 9

Social Media

Week – 10

Revision

Week – 11

Revision

LESSON PLAN (EVEN SEM)

Session 2021-22

MCA IInd Sem

Subject : E-Commerce (01.04.22 to 20.06.22)

Faculty name: Dr. Geetika

April 2022	E-Commerce Meaning , Concept, Definition, Origin and Development. Categories of E-Commerce : B2B, B2C, B2G, G2G, G2C, The Constitution of the E-Commerce: Portal of the Network, Customer Relationship Management, Supply Chain Management, Logistic Management, Decision Support, Supporting Environment for E-Commerce, Technical Environment, Legal Environment, Credit Environment and Financial Environment Assignement 1 M-Commerce: Origin, Components. Presentation
May 2022	The Development of M-Commerce, Application of M-Commerce. Test Payment Technologies for E-Commerce: Online Bank, E-Payment Tools: E-Payment System, Intelligent Card, E-check, E-wallet, E-Cash. Assignment 2
June 2022	Electronic Commerce: Influence on Marketing: Product, Physical Distribution, Price, Promotion, Marketing Communication, Common e-Marketing Tools Revision/ Test

Lesson Plan for Session 2021-2022(01/04/2022-20/06/2022)

Mrs. Venu

Class :MCA 2nd Sem

Subject : SOFT COMPUTING

Subject code: MCA204B

April 2022	Introduction: Introduction to soft computing, Introduction to biological and artificial neural networks. Introduction to fuzzy sets and fuzzy logic systems. Introduction to Genetic Algorithm: Genetic Operators and Parameters.Genetic Algorithms in Problem Solving,Theoretical Foundations of Genetic Algorithms, Implementation Issues.
May 2022	Different artificial neural network models; Learning in artificial neural networks;Neural network applications in control systems Neural Nets and applications of Neural Network.Fuzzy sets; fuzzy reasoning; fuzzy inference systems;fuzzy control Fuzzy sets; fuzzy reasoning; fuzzy inference systems;fuzzy control
June 2022	fuzzy clustering; applications of fuzzy systems Neuro-fuzzy systems: neuro-fuzzy modelling; neuro-fuzzy control. Pattern Recognitions, Image Processing. Biological Sequence Alignment and Drug Design.Robotics and Sensors, Information Retrieval Systems Share Market Analysis, Natural Language Processing.

LESSON PLAN (EVEN SEM)

Session 2021-22

MCA IInd Sem

Subject : Database Management System (01.04.22 to 20.06.22)

Faculty name: Ms. Rakhi Soni

April 2022	<p>Traditional File Processing System vs DBMS, Characteristics & Advantages of DBMS, Three-Schema Architecture and Data Independence.</p> <p>Data Models, Schemas, and Instances; Database Languages and Interfaces; Classification of DBMS.</p> <p>Overview of Entity-Relationship Diagram, Relational Model - Constraints, Relational Database Schemas, Relational Algebra and Relational Calculus; Codd Rules.</p> <p>Normalization for Relational Databases: Functional Dependencies and Normalization; Introduction of SQL, DDL.</p>
May 2022	<p>DML, DQL, DCL, TCL; Data Definition and Data Types; Constraints, Queries, Insert, Delete, and Update Statements; Views, Stored Procedures and Functions; Database Triggers, SQL Injection.</p> <p>Transaction Processing: Introduction, Desirable properties of Transactions, Schedules & Recoverability, Serialization of Schedulers, Transaction Support in SQL.</p> <p>Concurrency Control Techniques: Locking techniques for Concurrency Control, Concurrency Control based on Timestamp ordering, Multiversion Concurrency Control Techniques, Validation Currency Control Techniques, Granularity of data items and multiple granularity locking, Using locks for Concurrency Control in Indexes.</p> <p>Assignment</p> <p>Database Recovery Techniques: Basic Concepts, Recovery Technique based on Deferred Update, Recovery Technique based on Immediate Update, Shadow Paging, The ARIES recovery algorithm, Database backup and recovery from catastrophic failure.</p> <p>Presentation</p>
June 2022	<p>Query Processing and Optimization: Translating SQL queries into Relational Algebra, Basic Algorithm for Executing Query Operations, Using Heuristic in</p>

	<p>Query Optimization, Using Selectivity and Cost Estimation in Query Optimization, Semantic Query Optimization.</p> <p>Test</p> <p>Basics of Database Security and Authorization.</p> <p>Revision</p>
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LESSON PLAN (EVEN SEM)

Session 2021-22

MCA IVth Sem

Subject : Computer Security and Blockchain Technology (01.04.22 to 20.06.22)

Faculty name: Dr. Neelam Dahiya and Ms. Rakhi Soni

April 2022	Meaning of Computer Security, Computer Criminals, Methods of Defense, Cryptography, Substitution Ciphers, Transpositions Ciphers. Making "Good" Encryption Algorithms, The Data Encryption Standard, The AES Encryption Algorithm. Public Key Encryptions(RSA), Uses of Encryption. Secure Programs, Non-malicious Program Errors, viruses and other malicious code. Targeted Malicious code, controls Against Program Threats, Protection in General-Purpose operating system protected objects and methods of protection.
May 2022	File protection Mechanisms, User Authentication, Designing Trusted O.S: Security policies, models of security, trusted O.S. design, Assurance in trusted OS. Database Security requirements, Reliability and integrity, Sensitive data, Inference, multilevel database, proposals for multilevel security. Assignment Security in Network: Threats in Network, Network Security Controls, Firewalls, Intrusion Detection Systems, Secure E-mail. Administering Security: Security Planning, Risk Analysis, Organizational Security policies, Physical Security. Legal Privacy and Ethical Issues in Computer Security: Protecting Programs and data, Information and the law, Rights of Employees and Employers, Software failures, Computer Crime, Praia, Ethical issues in Computer Security. Presentation
June 2022	Blockchain Technology: Cryptography - Hash function, Digital Signature - ECDSA, Memory Hard Algorithm, Zero Knowledge Proof; Blockchain Overview: Introduction, Advantage over conventional distributed database, Blockchain Network, Mining Mechanism, Distributed Consensus, Merkle Patricia Tree, Gas Limit, Transactions and Fee, Anonymity, Reward, Chain Policy, Life of Blockchain application, Soft & Hard Fork, Private and Public blockchain. Test Cryptocurrency: History, Distributed Ledger, Bitcoin protocols - Mining strategy and rewards, Ethereum - Construction, DAO, Smart Contract, GHOST, Vulnerability, Attacks, Sidechain, Namecoin. Blockchain Applications: Internet of

	Things, Medical Record Management System, Domain Name Service and future of Blockchain. Revision/Tutorial
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LESSON PLAN (EVEN SEM)

Session 2021-22

MCA IVth Sem

Subject : Computer Security and Blockchain Technology (01.04.22 to 20.06.22)

Faculty name: Dr. Neelam Dahiya and Ms. Rakhi Soni

April 2022	Meaning of Computer Security, Computer Criminals, Methods of Defense, Cryptography, Substitution Ciphers, Transpositions Ciphers. Making "Good" Encryption Algorithms, The Data Encryption Standard, The AES Encryption Algorithm. Public Key Encryptions(RSA), Uses of Encryption. Secure Programs, Non-malicious Program Errors, viruses and other malicious code. Targeted Malicious code, controls Against Program Threats, Protection in General-Purpose operating system protected objects and methods of protection.
May 2022	File protection Mechanisms, User Authentication, Designing Trusted O.S: Security policies, models of security, trusted O.S. design, Assurance in trusted OS. Database Security requirements, Reliability and integrity, Sensitive data, Inference, multilevel database, proposals for multilevel security. Assignment Security in Network: Threats in Network, Network Security Controls, Firewalls, Intrusion Detection Systems, Secure E-mail. Administering Security: Security Planning, Risk Analysis, Organizational Security policies, Physical Security. Legal Privacy and Ethical Issues in Computer Security: Protecting Programs and data, Information and the law, Rights of Employees and Employers, Software failures, Computer Crime, Praia, Ethical issues in Computer Security. Presentation
June 2022	Blockchain Technology: Cryptography - Hash function, Digital Signature - ECDSA, Memory Hard Algorithm, Zero Knowledge Proof; Blockchain Overview: Introduction, Advantage over conventional distributed database, Blockchain Network, Mining Mechanism, Distributed Consensus, Merkle Patricia Tree, Gas Limit, Transactions and Fee, Anonymity, Reward, Chain Policy, Life of Blockchain application, Soft & Hard Fork, Private and Public blockchain. Test Cryptocurrency: History, Distributed Ledger, Bitcoin protocols - Mining strategy and rewards, Ethereum - Construction, DAO, Smart Contract, GHOST,

	Vulnerability, Attacks, Sidechain, Namecoin. Blockchain Applications: Internet of Things, Medical Record Management System, Domain Name Service and future of Blockchain. Revision/Tutorial
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LESSON PLAN-(APRIL 2022-JUNE 2022)

Subject: WEB DESIGNING

Faculty: LALITA DEVI

MAY 2022	Week 3: Web Publishing: Hosting your Site; Internet Service Provider; Web terminologies, Phases of Planning and designing your Web Site; Steps for developing your Site; Choosing the contents; Home Page; Domain Names, Front page views, Adding pictures, Links, Backgrounds, Relating Front Page to DHTML. Week 4: Creating a Website and the Markup Languages (HTML, DHTML);
20TH JUNE 2022	Week 1: Web Development: Introduction to HTML; Hypertext Week 2: HTML; HTML Document Features; HTML command Tags; Creating Links; Week 3: Headers; Text styles; Text Structuring; Text colors and Background Formatting text; Page layouts; Images; Ordered and Unordered lists; Inserting Graphics; Table Creation and Layouts

SUBJECT: E-Commerce

FACULTY: LALITA DEVI

MAY 2022	Week 3: Value Chains in electronic Commerce, Supply chain, Porter's value chain Model Inter Organizational value chains, Strategic Business unit chains, Industry value chains. Security Threats to E-commerce: Security Overview, Computer Security Classification Copyright and Intellectual Property, security Policy and Integrated Security, Intellectual Property Threats, electronic Commerce Threats Week 4: Clients Threats, Communication Channel Threats, server Threats
20TH JUNE 2022	Week 1 Implementing security for E-Commerce: Protecting E-Commerce Assets, Protecting Intellectual Property, Week 2: Protecting Client Computers, Protecting E-commerce Channels,

	<p>Insuring Transaction Integrity, a variety of transactions. Electronic Data Interchange (EDI): Introduction to EDI</p> <p>Week 3: Protecting the Commerce Server. Electronic Payment System: Electronic Cash, Business to Business E-Commerce: Inter-organizational Transitions, Credit Transaction Trade Cycle Electronic Wallets, Smart Card, Credit and Change Card</p>
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Subject: MFCS
Faculty: Lalita Devi

MAY 2022	<p>Week 3: Graphs, Types of graphs, degree of vertex, sub graph, isomorphic and homeomorphism graphs Adjacent and incidence matrices, Path Circuit Trees, Minimum distance trees, Eulerian, Hamiltonian path circuit. Week 4: : Recursively defined function. public key encryption schemes. Variance and Standard Deviations, Correlation and Regression.</p>
20TH JUNE 2022	<p>Week 1: Merge sort, Insertion sort, Bubble sort, and Decimal to Binary. Week 2: Principle of Mathematical induction, GCD Week 3: Euclidean algorithm LHRR, LHRRWCCs, DCRR. Recursive procedures. Fibonacci numbers, congruence's and equivalence relations,</p>

STRUCTURED SYSTEMS ANALYSIS AND DESIGN
FACULTY: LALITA DEVI

MAY 2022	<p>Week 3: Structured analysis, Tools of structured analysis: DFD, Data dictionary, Flow charts, Gantt charts decision tree, decision table, structured English, Pros and cons of each tool, Feasibility study: Introduction, Objective, Types, Steps in feasibility analysis Feasibility report, Oral presentation, Cost and benefit analysis: Identification of costs and benefits, classification of costs and benefits</p> <p>Week 4: Methods of determining costs and benefits, Interpret results of analysis and take final action, System documentation, Forms of documentation.</p> <p>.</p>
20TH JUNE 2022	<p>Week 1: System Design: System design objective, Logical and physical design, Design Methodologies, structured design, Form-Driven methodology(IPO charts),</p> <p>Week 2: structured walkthrough, Input/Output and form design: Input design, Objectives of input design, Output design,</p> <p>Week 3: Objectives of output design, Form design, Classification of forms, requirements of form design, Types of forms, Layout considerations, Form control.</p>

LESSON PLAN-(APRIL 2022-JUNE 2022)

SUBJECT: 'C' LANGUAGE

FACULTY: JYOTI RANI

1ST APRIL 2022	<p>Week 1: Overview of C: History of C, Importance of C, Elements of C: C character set, identifiers and keywords, Storage classes in C: auto, extern, register and static storage class, their scope, storage, & lifetime.</p> <p>Week 2: , Data types, Constants and Variables, Assignment statement, Symbolic constant, Structure of a C Program, printf(), scanf() Functions,: Declaration and initialization of string, Input/output of string data, Introduction to pointers.</p> <p>Week 3: Operators & Expression: Arithmetic, relational, logical, bitwise, unary, assignment, shorthand assignment operators, conditional operators and increment and decrement operators,</p> <p>Week 4: Arithmetic expressions, evaluation of arithmetic expression, type casting and conversion, operator hierarchy & associativity.</p>
MAY 2022	<p>Week 1: Decision making & branching: Decision making with IF statement, IF-ELSE statement, Nested IF statement, ELSE-IF ladder</p> <p>Week 2: switch statement, goto statement, Flowcharting and Development of efficient program in C.</p> <p>Week 3: Decision making & looping: For, while, and do-while loop, jumps in loops, break, continue statement, Nested loops.</p> <p>Week 4: Functions: Standard Mathematical functions, Input/output: Unformatted & formatted I/O function in C</p>
20TH JUNE 2022	<p>Week 1: Input functions viz. getch(), getche(), getchar(), gets(), output functions viz., putch(), putchar(), puts(), string manipulation functions.</p> <p>Week 2: Algorithm development, Arrays, strings and pointers, User defined functions: Introduction/Definition, prototype, Local and global variables, passing parameters, recursion.</p> <p>Week 3: initialization, processing an array, passing arrays to functions, Array of Strings. String constant and variables</p>

Subject: AI

Faculty: JYOTI RANI

1ST APRIL 2022	<p>Week 1: Introduction to AI, Importance of AI, AI and its related field, AI techniques, Criteria for success.</p> <p>Week 2: Problems, problem space and search: Defining the problem as a state space search, Production system and its characteristics,</p> <p>Week 3: Issues in the design of the search problem</p> <p>Heuristic search techniques : Generate and test, hill climbing,</p> <p>Week 4: best first search technique, problem reduction, constraint satisfaction</p>
MAY 2022	<p>Week 1: Knowledge Representation: Definition and importance of knowledge, Knowledge representation,</p> <p>Week 2: Various approaches used in knowledge representation, Issues in knowledge representation.</p>

	Week 3: Using Predicate Logic : Represent ting Simple Facts in logic, Week 4: Representing instances and is_a relationship, Computable function and predicate.
20TH JUNE 2022	Week 1: Natural language processing : Introduction syntactic processing, Semantic processing Week 2: Discourse and pragmatic processing. Learning: Introduction learning, Rote learning, Learning by taking advice, Learning in problem solving Week 3: Learning from example-induction, Explanation based learning.

SUBJECT: E-Commerce
FACULTY: JYOTI RANI

1ST APRIL 2022	Week 1: Electronic Commerce: Overview of Electronic Commerce, Scope of Electronic Commerce, Week 2: Traditional Commerce vs. Electronic Commerce, Impact of E-Commerce, Electronic Markets, Internet Commerce, EDI Implementation, EDI agreement, EDI security Week 3: e-commerce in perspective, Application of E Commerce in Direct Marketing and Selling, Week 4: Obstacles in adopting E-Commerce Applications; Future of Ecommerce, Benefits of EDI, EDI Technology, EDI standards, EDI Communication
MAY 2022	Week 1: Value Chains in electronic Commerce, Supply chain, Porter's value chain Model Week 2: Inter Organizational value chains, Strategic Business unit chains, Industry value chains. Security Threats to E-commerce: Security Overview, Computer Security Classification Week 3: Copyright and Intellectual Property, security Policy and Integrated Security, Intellectual Property Threats, electronic Commerce Threats Week 4: Clients Threats, Communication Channel Threats, server Threats
20TH JUNE 2022	Week 1: Implementing security for E-Commerce: Protecting E-Commerce Assets, Protecting Intellectual Property, Week 2: Protecting Client Computers, Protecting E-commerce Channels, Insuring Transaction Integrity, a variety of transactions. Electronic Data Interchange (EDI): Introduction to EDI Week 3: Protecting the Commerce Server. Electronic Payment System: Electronic Cash, Business to Business E-Commerce: Inter-organizational Transitions, Credit Transaction Trade Cycle Electronic Wallets, Smart Card, Credit and Change Card

Subject: Logical Organization of Computer-II**Faculty: JYOTI RANI**

1ST APRIL 2022	Week 1: Sequential Logic: Characteristics, Flip-Flops, Week 2: State table, state diagram and state equations. Flip-flop excitation tables Week 3: D type, JK, T type and MasterSlave flip-flops. Week 4: Clocked RS, Instruction set selection, Instruction cycle, Instruction Format and Addressing Modes.
MAY 2022	Week 1: Sequential Circuits: Designing registers – Serial Input Serial Output (SISO), Designing counters – Asynchronous and Synchronous Binary Counters, Week 2: Modulo-N Counters and Up-Down Counters Week 3: Serial Input Parallel Output (SIPO), Parallel Input Serial Output (PISO), Week 4: Parallel Input Parallel Output (PIPO) and shift registers. Program-controlled, Interrupt-controlled.
20TH JUNE 2022	Week 1: Memory & I/O Devices: Memory Parameters, Week 2: Magnetic and Optical Storage devices, DMA transfer, I/O Channels, IOP. Week 3: Flash memory, I/O Devices and their controllers. Semiconductor RAM, ROM. Instruction Design & I/O Organization: Machine instruction, I/O Interface, Interrupt structure,